Review of the 2021 Annual Groundwater Monitoring Report: **Content satisfactory**

1. Continue bi-annual groundwater monitoring consisting of a Site-wide event in March and then a second event in October sampling only wells impacted by COCs
2. Evaluate 2022 groundwater quality results to determine need for supplemental ISEB Injections

Submit next annual groundwater monitoring report no later than March 31, 2023.

2021 Annual Groundwater Monitoring Report

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

Transwestern Pipeline Company, LLC

July 29, 2022

→ The Power of Commitment

Contents

Figure index

Table index

Appendices

1. Introduction

This report presents the results of monitoring and remediation activities performed during 2021 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 southwest 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.

1.1 Site Description and Background

The Site consists of an active compressor station and associated equipment and installations. The Site has been in active assessment and remediation since 1994. The Site consists of 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 Site Plan is included as **Figure 2**.

The constituents of concern (COCs) in the ERDP area consist of light non-aqueous phase liquid (LNAPL), benzene, toluene, ethylbenzene, and xylene (BTEX), and the chlorinated solvents 1,1 dichloroethylene (1,1 DCE), 1,1 dichloroethane (1,1 DCA), and trichloroethylene (TCE). The COCs in the DEHY area consist of LNAPL and BTEX.

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 mass removal.

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) RW-1 through RW-12 and monitoring well (MW) MW-2 in the ERDP area. These wells were initially constructed as borehole wells and did not contain a well screen and casing with a proper seal. MW-2 had been dry since November 2011.

In April 2017 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. Benzene and xylenes are known to degrade under sulfate reducing conditions. ISEB treatment was performed in the DEHY area that contains wells MW-10, SVE-10, SVE-12, and SVE-13. ISEB treatment was performed using wells SVE-5, SVE-8, and MW-10 as injection wells during 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 see if the introduction of sulfate was successful at stimulating biodegradation of hydrocarbons. While the analytical data indicated mixed results, in general, 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 began to rise again. 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 ISEB treatment injection. ISEB treatment was performed in the DEHY area by injecting into wells SVE-5, SVE-10 and SVE 12. During each injection event 2,350 lbs. of 10% magnesium sulfide solution was injected into the targeted wells to enhance anaerobic biodegradation of benzene. Approximately 1,100 gallons of water and magnesium sulfate solution was injected into each of the above listed wells once in 2020.

Semi-annual groundwater monitoring and post-ISEB injection monitoring events were completed in 2021 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. Assumptions

2.1 Groundwater Monitoring Summary

Annual groundwater monitoring activities were performed at the Site on March 10-11 and October 5, 2021 by GHD. The sampling program included collecting groundwater samples from the following wells:

March 10-11, 2021

- 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 5, 2021

- 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.

2.2 Groundwater Monitoring Methodology

Prior to sampling, monitoring wells were gauged for depth to groundwater and LNAPL thickness, if present, using a cleaned oil/water interface probe. Depth to groundwater measurements and calculated groundwater elevations are summarized in **Table 1**. A groundwater potentiometric surface map for the March 2021 and October 2021 monitoring events are presented as Figures 3 and 4. Based on the 2021 semi-annual monitoring events gauging data and calculated elevations, groundwater flow is generally north-northeast and is consistent with historical data for the Site. The groundwater gradient during the March 2021 Event was calculated at approximately 0.005 ft per foot in the DEHY area, increasing to 0.020 ft/ft in ERDP area. The groundwater gradient during the October 2021 Event was calculated at approximately 0.005 ft per foot in the DEHY area, increasing to 0.020 ft/ft in ERDP area.

Monitoring wells were purged and sampled using dedicated, polyethylene bailers. Wells were purged of three well volumes or until dry and allowed to recover prior to collecting a sample. 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 containers, packed on ice cooler, and shipped under chain-of-custody documentation to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico. The samples were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) method SW-846-8260B, and sulfate by EPA method 300.0.

During the March 2021 gauging activities, LNAPL was measured in monitoring wells MW-1 and MW-10 at a thickness of 3.56 ft and 0.12 ft, respectively. During the October 2021 gauging LNAPL was measured at thicknesses of 4.89 ft in MW-1 and 0.61 ft in MW-10.

2.3 Annual Groundwater Monitoring 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. Exceedances of NMWQCC standards in Site monitoring wells are discussed below. The laboratory analytical results are summarized in **Table 2** and the corresponding laboratory analytical reports are included in **Appendix A**. Additionally, **Figure 5** presents a summary of the primary COC concentrations for both the ERDP and DEHY areas.

VOCs

- *Benzene*: The NMWQCC standard for benzene is 0.005 milligrams per liter (mg/L). The groundwater samples collected from SVE-1A, SVE-1, SVE-5, SVE-9, SVE-12, SVE-13, SVE-14, and MW-5 exceeded the standard for benzene.
- *Total Naphthalenes*: The NMWQCC standard for total naphthalenes is 30 ug/L. The groundwater samples collected from SVE-5 exceeded the standard for total naphthalenes.
- *1,1 DCA*: The NMWQCC standard for 1,1 DCA is 25 ug/L. Groundwater samples collected from SVE-1A, MW-5, and MW-8 exceeded the standard for 1,1 DCA.
- *1,1 DCE*: The NMWQCC standard for 1,1 DCE is 7.0 ug/L. The groundwater sample collected from SVE-1A exceeded the standard for 1,1 DCE during the October 5, 2021 sampling event.
- *Trichloroethylene (TCE)*: The NMWQCC standard for TCE is 5.0 ug/L. Groundwater samples collected from SVE-1A, MW-5, and MW-8 exceeded the standard for TCE.
- *Cis 1,2 DCE*: The NMWQCC standard for Cis 1,2 DCE is 70 ug/L. Groundwater samples collected from SVE-1A and MW-8 exceeded the standard for Cis 1,2 DCE.

Sulfate

- The NMWQCC standard for sulfate is 600 milligrams per liter (mg/L). The groundwater sample collected from SVE-1A, SVE-5, SVE-7, SVE-8, SVE-9, SVE-12, SVE-13, MW-6, and MW-8 exceeded the standard for sulfate. Exceedances of sulfate are attributed to ISEB injections at the Site and should diminish over time.

In-situ Enhanced Bioremediation (ISEB)

- Post ISEB groundwater data was analyzed, and trends reviewed in association with the ISEB injections. Trends did not indicate that the process was readily speeding the degradation of constituents of concern. The inconsistent degradation trends were likely due to adequate levels of sulfate from injections being difficult to maintain and the lack of substantial connection between injection wells and nearby monitoring wells(Table 3). ISEB was discontinued as of October 2020.

3. Conclusions and 2022 Recommendations

3.1 Conclusions

Based on the information and data presented in this report, GHD makes the following conclusions:

- Samples from SVE-1A, SVE-5, SVE-12, SVE-13, MW-5 and MW-8 exceed NMWQCC standards for one or more of the following COCs: benzene, xylenes, naphthalenes, 1,1 DCA, and 1,1 DCE.
- Samples from SVE-5, SVE-7, SVE-8, SVE-12, SVE-13, MW-4, MW-6, and MW-14 exceeded the NMWQCC standard for one or more monitoring events in 2021. Several of these points were utilized as magnesium sulfate injection points in 2020.

– LNAPL continues to be present in monitoring wells MW-1 and in MW-10 during 2021.

3.2 2022 Recommendations

Based on the findings of the 2021 groundwater monitoring activities, GHD recommends the following:

– Conduct semi-annual groundwater monitoring consisting of a Site-wide event in March and then a second event in October sampling only wells impacted by COCs.

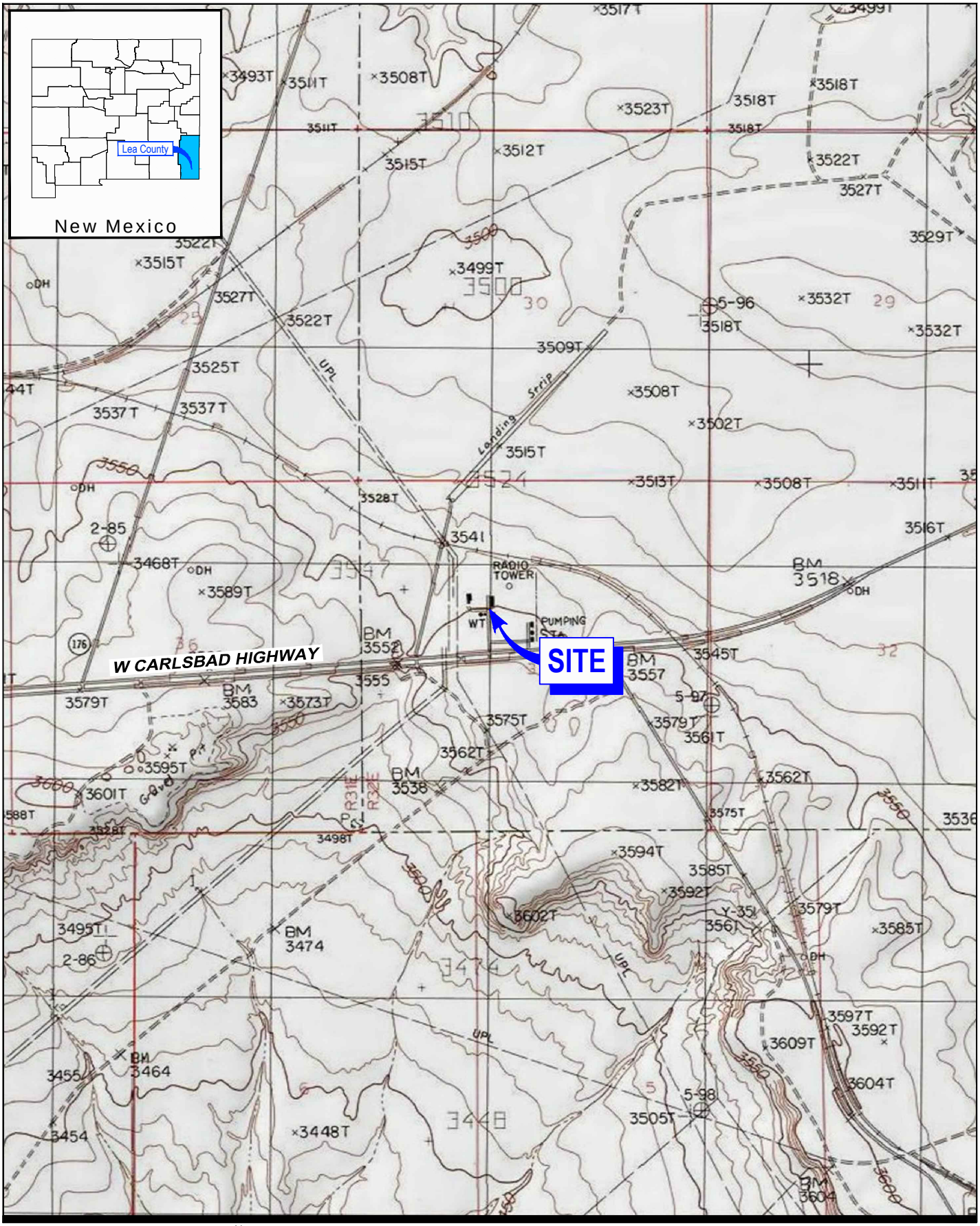
All of Which is Respectfully Submitted,

GHD

Charles Neligh
Project Scientist

Christine Mathews
Project Manager

Figures



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

GHD

ETC TEXAS PIPELINE, LTD.
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR

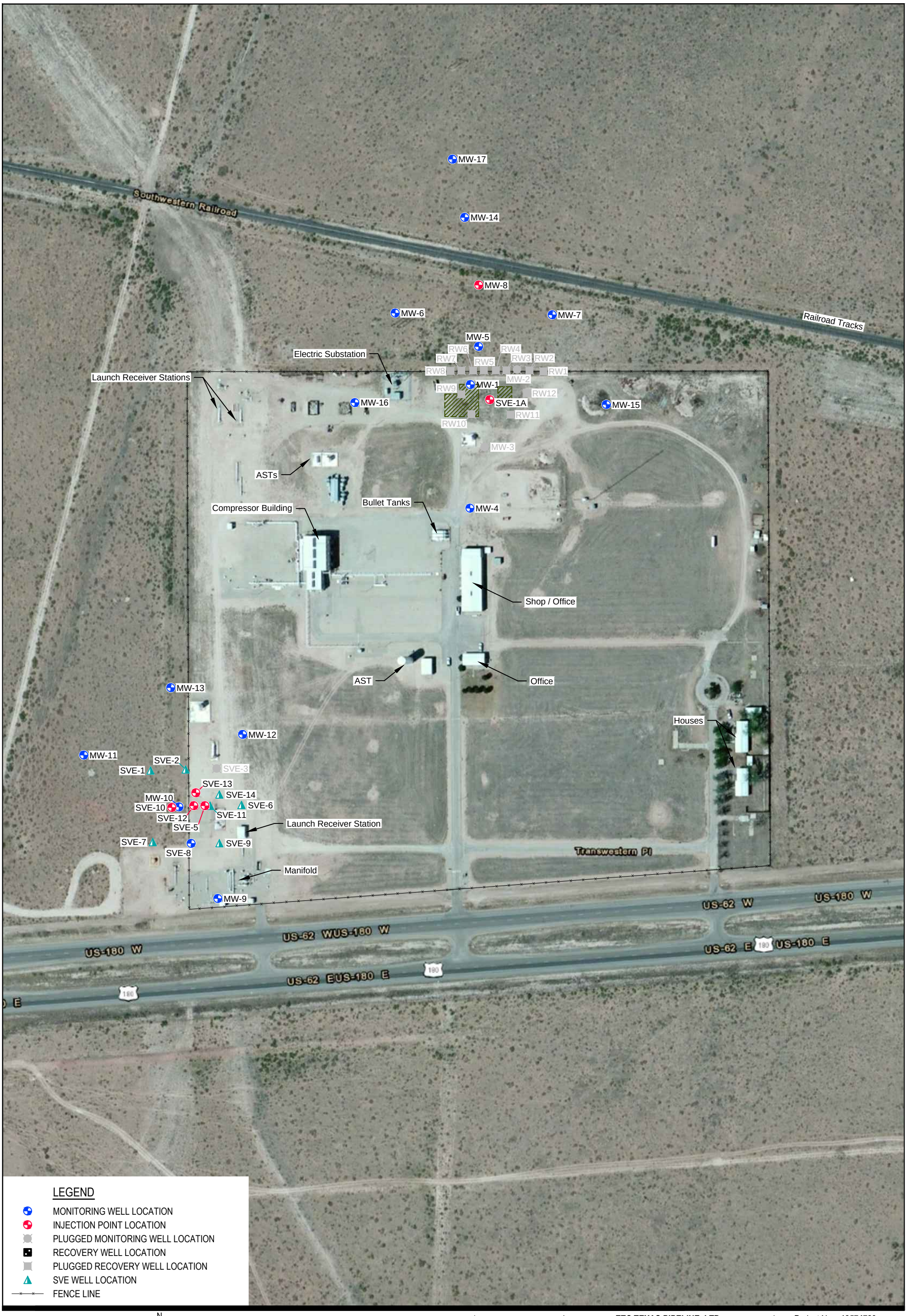
Project No. **12574723**
Date **March 2022**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12574723\Digital_Design\ACAD\Figures\RPT007\12574723-GHD-0000-RPT-EN-0101_DL-007.dwg
Plot Date: 10 March 2022 10:07 AM

Data Source: USGS 7.5 Minute quad "Williams Sink, New Mexico"
Lat/Long: 32.531549° North, 103.807904° West



GHD

ETC TEXAS PIPELINE, LTD.
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR

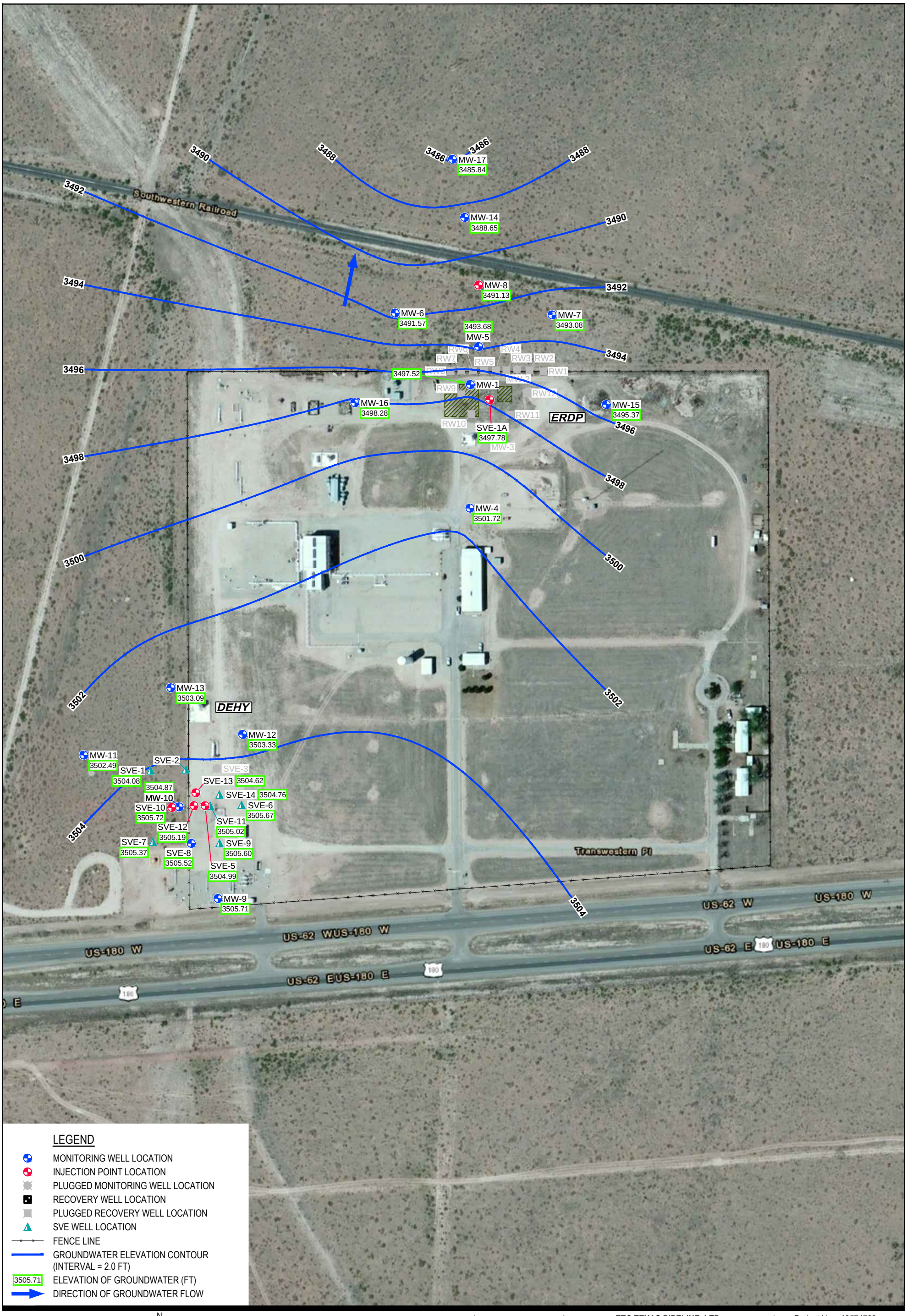
SITE PLAN

Project No. **12574723**
Date **June 2022**

FIGURE 2

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12574723\Digital_Design\ACAD\Figures\RPT007\12574723-GHD-0000-RPT-EN-0101_DL-007.dwg
Plot Date: 29 June 2022 6:49 PM

Data Source: USDA FSA Imagery, May 10, 2014
Lat/Long: 32.531549° North, 103.807904° West



LEGEND

- MONITORING WELL LOCATION
- INJECTION POINT LOCATION
- PLUGGED MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PLUGGED RECOVERY WELL LOCATION
- SVE WELL LOCATION
- FENCE LINE
- GROUNDWATER ELEVATION CONTOUR (INTERVAL = 2.0 FT)
- 3505.71 ELEVATION OF GROUNDWATER (FT)
- DIRECTION OF GROUNDWATER FLOW

0 100 200 ft

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

N

NOTE:

1. FIGURE ADAPTED FROM APEX DATA.

GHD

ETC TEXAS PIPELINE, LTD.
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR

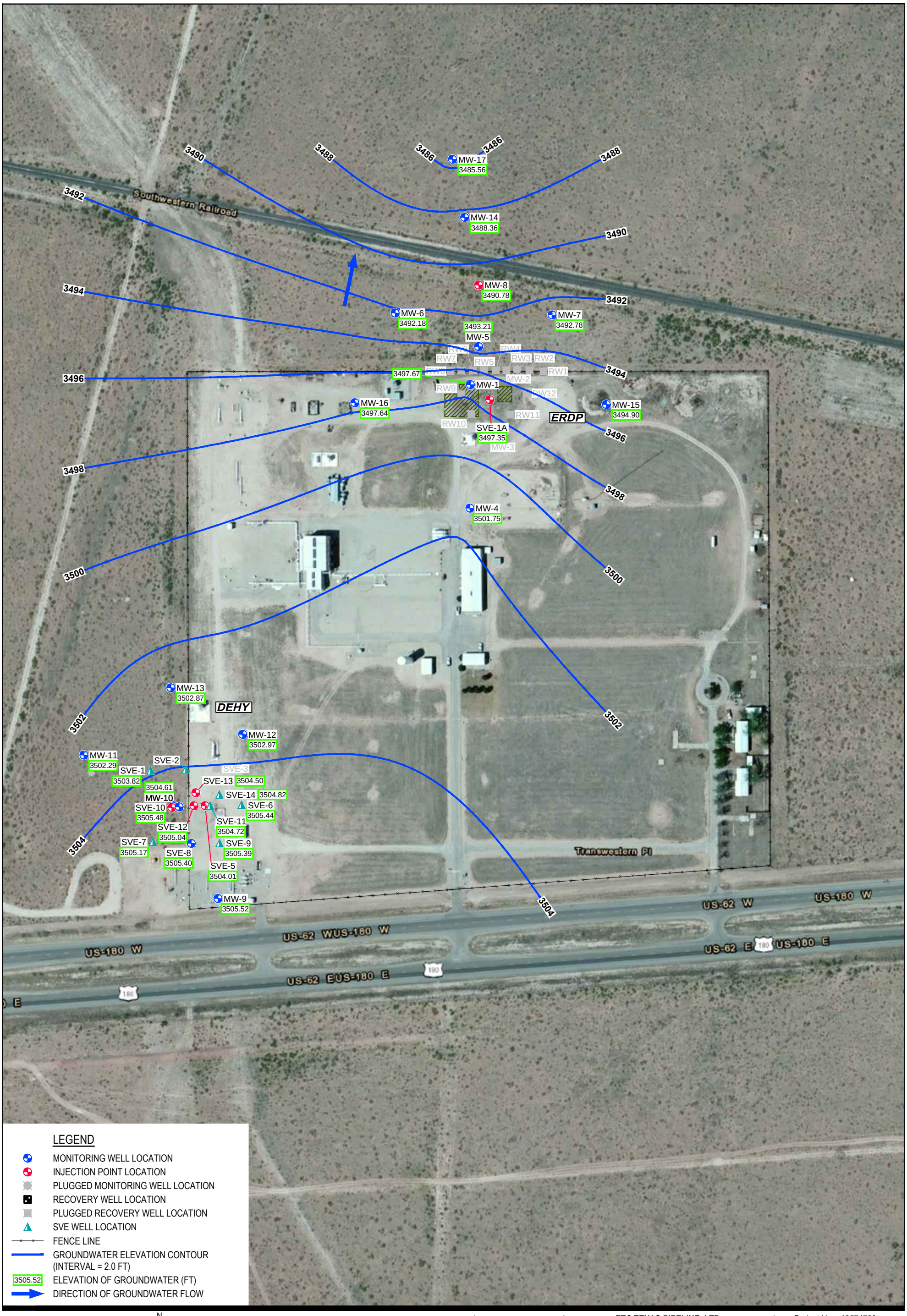
GROUNDWATER POTENTIOMETRIC SURFACE MAP - MARCH 2021

Project No. **12574723**
Date **June 2022**

FIGURE 3

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12574723\Digital_Design\ACAD\Figures\RPT007\12574723-GHD-0000-RPT-EN-0101_DL-007.dwg
Plot Date: 29 June 2022 6:48 PM

Data Source: USDA FSA Imagery, May 10, 2014
Lat/Long: 32.531549° North, 103.807904° West



LEGEND

- MONITORING WELL LOCATION
- INJECTION POINT LOCATION
- PLUGGED MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PLUGGED RECOVERY WELL LOCATION
- SVE WELL LOCATION
- FENCE LINE
- GROUNDWATER ELEVATION CONTOUR (INTERVAL = 2.0 FT)
- 3505.52 ELEVATION OF GROUNDWATER (FT)
- DIRECTION OF GROUNDWATER FLOW

0 100 200 ft

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

N

NOTE:

1. FIGURE ADAPTED FROM APEX DATA.

GHD

ETC TEXAS PIPELINE, LTD.
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR

GROUNDWATER POTENTIOMETRIC SURFACE MAP - OCTOBER 2021

Project No. **12574723**
Date **June 2022**

FIGURE 4

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12574723\Digital_Design\ACAD\Figures\RPT007\12574723-GHD-0000-RPT-EN-0101_DL-007.dwg
Plot Date: 29 June 2022 6:47 PM

Data Source: USDA FSA Imagery, May 10, 2014
Lat/Long: 32.531549° North, 103.807904° West

LEGEND

- MONITORING WELL LOCATION
- INJECTION POINT LOCATION
- PLUGGED MONITORING WELL LOCATION
- RECOVERY WELL LOCATION
- PLUGGED RECOVERY WELL LOCATION
- SVE WELL LOCATION
- FENCE LINE
- LNAPL — LIGHT NON-AQUEOUS PHASE LIQUIDS
- NS — NOT SAMPLED

0 100 200 ft

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

N

NOTES:

1. ANALYTICAL DATA IS IN µG/L EXCEPT FOR SULFATE AND ETHANE WHICH ARE IN MG/L.
2. YELLOW SHADED CELLS INDICATE EXCEEDANCE OF NMWQCC STANDARDS.

GHD

ETC TEXAS PIPELINE, LTD.
LEA COUNTY, NEW MEXICO
WT-1 COMPRESSOR

2021 CONSTITUENT OF CONCERN CONCENTRATION MAP

Project No. **12574723**
Date **June 2022**

FIGURE 5

Filename: \\ghdnet\ghd\US\Albuquerque\Projects\562\12574723\Digital_Design\ACAD\Figures\RPT007\12574723-GHD-0000-RPT-EN-0101_DL-007.dwg
Plot Date: 30 June 2022 12:29 PM

Data Source: USDA FSA Imagery, May 10, 2014
Lat/Long: 32.531549° North, 103.807904° West

Tables

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	-	3497.10
	12/1/2005		-	50.50	-	3497.15
	5/10/2006		-	50.46	-	3497.19
	12/13/2006		-	50.35	-	3497.30
	6/20/2007		-	50.20	-	3497.45
	12/6/2007		-	49.77	-	3497.88
	6/2/2008		49.90	49.91	0.01	3497.75
	12/10/2008		50.18	51.08	0.90	3497.29
	4/27/2009		50.08	51.02	0.94	3497.38
	6/11/2010		50.19	53.14	2.95	3496.87
	11/9/2011		50.50	54.75	4.25	3496.30
	6/26/2012		50.41	54.74	4.33	3496.37
	7/28/2012		50.91	52.71	1.80	3496.38
	8/31/2012		50.92	52.33	1.41	3496.45
	10/11/2012		51.00	52.50	1.50	3496.35
	6/20/2013		51.10	54.70	3.60	3495.83
	6/24/2014		51.70	55.50	3.80	3495.19
	4/17/2015		51.73	53.66	1.93	3495.53
	10/21/2015		51.46	54.52	3.06	3495.58
	11/24/2015		52.07	54.57	2.50	3495.08
	12/16/2015		52.21	52.22	0.01	3495.44
	1/27/2016		51.98	52.41	0.43	3495.58
	2/25/2016		51.88	53.07	1.19	3495.53
	3/29/2016		51.83	52.98	1.15	3495.59
	4/12/2016		-	-	-	-
	5/25/2016		52.08	52.21	0.13	3495.54
	6/30/2016		-	52.00	-	3495.65
	7/27/2016		-	51.80	-	3495.85
	9/23/2016		-	51.83	-	3495.82
	4/25/2017		50.61	51.14	0.53	3496.93
	5/2/2017		51.14	52.09	0.95	3496.32
	4/23/2018	3548.58 (g)	51.06	53.62	2.56	3497.01
	3/19/2019		50.53	53.32	2.79	3497.49
	3/23/2020		50.29	53.35	3.06	3497.68
	6/2/2020		50.55	54.59	4.04	3497.22
	9/21/2020		50.65	54.10	3.45	3497.24
	3/10/2021		50.35	53.91	3.56	3497.52
	9/14/2021		50.73	54.53	3.80	3497.09
	10/4/2021		49.93	54.82	4.89	3497.67
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)	-	-
	6/20/2007		51.53	LNAPL to (TD=52.32)	-	-
	12/6/2007		51.46	LNAPL to (TD=52.32)	-	-
	6/2/2008		51.20	LNAPL to (TD=52.30)	-	-
	12/10/2008		51.38	LNAPL to (TD=52.35)	-	-
	4/27/2009		51.32	LNAPL to (TD=52.35)	-	-
	6/11/2010		51.92	LNAPL to (TD=52.35)	-	-
	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			

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	11/9/2004	3548.29 (c)	-	47.00	-	3501.29
	4/11/2005		-	46.72	-	3501.57
	12/1/2005		-	46.48	-	3501.81
	5/10/2006		-	47.09	-	3501.20
	12/13/2006		-	46.41	-	3501.88
	6/20/2007		-	46.95	-	3501.34
	12/6/2007		-	46.62	-	3501.67
	6/2/2008		-	46.92	-	3501.37
	12/10/2008		-	46.85	-	3501.44
	4/27/2009		-	47.18	-	3501.11
	6/11/2010		-	47.26	-	3501.03
	11/9/2011		-	47.16	-	3501.13
	6/26/2012		-	47.42	-	3500.87
	6/20/2013		-	47.68	-	3500.61
	4/18/2014		-	49.65	-	3498.64
	4/17/2015		-	47.56	-	3500.73
	10/21/2015		-	47.57	-	3500.72
	11/24/2015		-	47.53	-	3500.76
	12/16/2015		-	47.51	-	3500.78
	1/27/2016		-	47.48	-	3500.81
	2/25/2016		-	47.49	-	3500.80
	3/29/2016		-	47.45	-	3500.84
	4/12/2016		-	47.56	-	3500.73
	5/25/2016		-	47.55	-	3500.74
	6/30/2016		-	47.55	-	3500.74
	7/27/2016		-	47.48	-	3500.81
	9/23/2016		-	47.54	-	3500.75
	4/25/2017		-	47.44	-	3500.85
	4/23/2018	3549.22 (g)	-	47.58	-	3501.64
	3/19/2019		-	47.41	-	3501.81
	3/23/2020		-	47.38	-	3501.84
	3/10/2021		-	47.50	-	3501.72
	10/4/2021		-	47.47	-	3501.75
MW-5	4/11/2005	3543.60 (c)	-	51.03	-	3492.57
	12/1/2005		-	50.81	-	3492.79
	5/10/2006		-	50.71	-	3492.89
	12/13/2006		-	50.55	-	3493.05
	6/20/2007		-	50.38	-	3493.22
	12/6/2007		-	49.98	-	3493.62
	6/2/2008		-	50.05	-	3493.55
	12/10/2008		-	50.48	-	3493.12
	4/27/2009		-	50.39	-	3493.21
	6/11/2010		-	50.60	-	3493.00
	11/9/2011		-	51.22	-	3492.38
	6/26/2012		-	51.13	-	3492.47
	6/20/2013		-	51.80	-	3491.80
	6/24/2014		-	53.60	-	3490.00
	4/17/2015		-	53.28	-	3490.32
	10/21/2015		-	53.44	-	3490.16
	11/24/2015		-	-	-	-
	12/16/2015		-	51.99	-	3491.61
	1/27/2016		-	52.20	-	3491.40
	2/25/2016		-	52.22	-	3491.38
	3/29/2016		-	51.70	-	3491.90
	4/12/2016		-	52.15	-	3491.45
	5/25/2016		-	51.98	-	3491.62
	6/30/2016		-	51.98	-	3491.62
	7/27/2016		-	51.88	-	3491.72
	9/23/2016		-	51.86	-	3491.74
	4/25/2017		-	51.27	-	3492.33
	4/23/2018	3544.57 (g)	-	51.59	-	3492.98
	3/19/2019		-	51.09	-	3493.48
	6/28/2019		-	50.98	-	3493.59
	9/17/2019		-	50.80	-	3493.77
	12/5/2019		-	51.17	-	3493.40
	3/23/2020		-	50.70	-	3493.87
	6/2/2020		-	50.89	-	3493.68
	9/21/2020		-	51.07	-	3493.50
	12/14/2020		-	50.98	-	3493.59
	3/10/2021		-	50.89	-	3493.68
	10/4/2021		-	51.36	-	3493.21

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	-	3491.80
	12/1/2005		-	51.52	-	3491.81
	5/10/2006		-	51.42	-	3491.91
	12/13/2006		-	51.16	-	3492.17
	6/20/2007		-	51.05	-	3492.28
	12/6/2007		-	49.60	-	3493.73
	6/2/2008		-	50.72	-	3492.61
	12/10/2008		-	51.15	-	3492.18
	4/27/2009		-	51.19	-	3492.14
	6/11/2010		-	51.27	-	3492.06
	11/9/2011		-	51.93	-	3491.40
	6/26/2012		-	52.03	-	3491.30
	6/20/2013		-	52.89	-	3490.44
	6/24/2014		-	54.60	-	3488.73
	4/17/2015		-	53.72	-	3489.61
	10/21/2015		-	54.15	-	3489.18
	11/24/2015		-	-	-	-
	12/16/2015		-	52.98	-	3490.35
	1/27/2016		-	53.11	-	3490.22
	2/25/2016		-	53.12	-	3490.21
	3/29/2016		-	52.60	-	3490.73
	4/12/2016		-	53.06	-	3490.27
	5/25/2016		-	52.92	-	3490.41
	6/30/2016		-	52.95	-	3490.38
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	51.98	-	3491.35
	4/23/2018	3544.30 (g)	-	52.20	-	3492.10
	3/19/2019		-	51.40	-	3492.90
	3/23/2020		-	51.18	-	3493.12
	3/10/2021		-	52.73	-	3491.57
	10/4/2021		-	52.12	-	3492.18
MW-7	4/11/2005	3542.00 (c)	-	49.93	-	3492.07
	12/1/2005		-	50.02	-	3491.98
	5/10/2006		-	49.97	-	3492.03
	12/13/2006		-	49.40	-	3492.60
	6/20/2007		-	49.31	-	3492.69
	12/6/2007		-	48.89	-	3493.11
	6/2/2008		-	49.00	-	3493.00
	12/10/2008		-	49.45	-	3492.55
	4/27/2009		-	49.45	-	3492.55
	6/11/2010		-	49.84	-	3492.16
	11/9/2011		-	50.44	-	3491.56
	6/26/2012		-	50.32	-	3491.68
	6/20/2013		-	51.03	-	3490.97
	6/24/2014		-	51.72	-	3490.28
	4/17/2015		-	51.19	-	3490.81
	10/21/2015		-	50.80	-	3491.20
	11/24/2015		-	-	-	-
	12/16/2015		-	50.51	-	3491.49
	1/27/2016		-	50.73	-	3491.27
	2/25/2016		-	50.85	-	3491.15
	3/29/2016		-	50.44	-	3491.56
	4/12/2016		-	50.87	-	3491.13
	5/25/2016		-	50.81	-	3491.19
	6/30/2016		-	50.93	-	3491.07
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	50.01	-	3491.99
	4/23/2018	3542.94 (g)	-	50.66	-	3492.28
	3/19/2019		-	49.99	-	3492.95
	3/23/2020		-	49.70	-	3493.24
	3/10/2021		-	49.86	-	3493.08
	10/4/2021		-	50.16	-	3492.78

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	-	3490.02
	12/1/2005		-	51.47	-	3490.02
	5/10/2006		-	51.35	-	3490.14
	12/13/2006		-	50.91	-	3490.58
	6/20/2007		-	50.76	-	3490.73
	12/6/2007		-	50.29	-	3491.20
	6/2/2008		-	50.45	-	3491.04
	12/10/2008		-	50.96	-	3490.53
	4/27/2009		-	50.93	-	3490.56
	6/11/2010		-	51.15	-	3490.34
	11/9/2011		-	51.85	-	3489.64
	6/26/2012		-	51.71	-	3489.78
	6/20/2013		-	52.43	-	3489.06
	6/24/2014		-	54.20	-	3487.29
	4/17/2015		-	53.86	-	3487.63
	10/21/2015		-	53.78	-	3487.71
	11/24/2015		-	-	-	-
	12/16/2015		-	52.46	-	3489.03
	1/27/2016		-	52.57	-	3488.92
	2/25/2016		-	52.60	-	3488.89
	3/29/2016		-	52.05	-	3489.44
	4/12/2016		-	52.53	-	3488.96
	5/25/2016		-	52.43	-	3489.06
	6/30/2016		-	52.45	-	3489.04
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	51.54	-	3489.95
	4/23/2018	3542.44 (g)	-	51.93	-	3490.51
	7/2/2018		-	51.85	-	3490.59
	11/13/2018		-	52.01	-	3490.43
	3/19/2019		-	51.13	-	3491.31
	12/5/2019		-	51.08	-	3491.36
	3/23/2020		-	50.97	-	3491.47
	6/2/2020		-	51.12	-	3491.32
	9/21/2020		-	51.32	-	3491.12
	12/14/2020		-	51.33	-	3491.11
	3/10/2021		-	51.31	-	3491.13
	10/4/2021		-	51.66	-	3490.78
MW-9	4/11/2005	3557.31	-	53.80	-	3503.51
	12/1/2005		-	53.03	-	3504.28
	5/10/2006		-	52.64	-	3504.67
	12/14/2006		-	52.08	-	3505.23
	6/20/2007		-	51.84	-	3505.47
	12/7/2007		-	51.57	-	3505.74
	5/30/2008		-	51.79	-	3505.52
	12/10/2008		-	52.32	-	3504.99
	5/1/2009		-	52.36	-	3504.95
	6/11/2010		-	52.92	-	3504.39
	11/10/2011		-	52.82	-	3504.49
	6/26/2012		-	53.14	-	3504.17
	6/20/2013		-	53.78	-	3503.53
	6/24/2014		-	54.37	-	3502.94
	4/17/2015		-	54.19	-	3503.12
	10/21/2015		-	54.15	-	3503.16
	11/24/2015		-	53.95	-	3503.36
	12/16/2015		-	53.90	-	3503.41
	1/27/2016		-	53.75	-	3503.56
	2/25/2016		-	53.76	-	3503.55
	3/29/2016		-	53.33	-	3503.98
	4/12/2016		-	-	-	-
	5/25/2016		-	53.39	-	3503.92
	7/1/2016		-	53.22	-	3504.09
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/24/2017		-	52.02	-	3505.29
	4/23/2018	3558.26 (g)	-	52.11	-	3506.15
	3/19/2019		-	51.77	-	3506.49
	3/23/2020		-	51.92	-	3506.34
	3/10/2021		-	52.55	-	3505.71
	10/4/2021		-	52.74	-	3505.52

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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-10	4/11/2005	3554.31 (c)	51.66	52.22	0.56	3502.54
	12/1/2005		50.97	51.58	0.61	3503.22
	5/10/2006		50.33	51.04	0.71	3503.84
	12/14/2006		49.87	50.77	0.90	3504.26
	6/20/2007		49.47	50.54	1.07	3504.63
	12/7/2007		49.19	50.36	1.17	3504.89
	5/30/2008		49.31	50.52	1.21	3504.76
	12/10/2008		49.74	50.89	1.15	3504.34
	5/1/2009		50.07	50.09	0.02	3504.24
	8/22/2009		50.21	50.22	0.01	3504.10
	10/5/2009		49.91	49.91	sheen	3504.40
	6/11/2010		50.59	50.65	0.06	3503.71
	11/10/2011		50.50	50.53	0.03	3503.80
	6/26/2012		50.78	50.83	0.05	3503.52
	6/20/2013		51.35	51.35	sheen	3502.96
	6/24/2014		51.91	52.00	0.09	3502.38
	4/17/2015		-	51.89	-	3502.42
	10/21/2015		-	51.99	-	3502.32
	11/24/2015		-	51.80	-	3502.51
	12/16/2015		51.79	51.84	0.05	3502.51
	1/27/2016		-	51.93	-	3502.38
	2/25/2016		-	51.78	-	3502.53
	3/29/2016		-	51.31	-	3503.00
	4/12/2016		-	-	-	-
	5/25/2016		-	51.26	-	3503.05
	7/1/2016		-	51.19	-	3503.12
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/24/2015		-	50.06	-	3504.25
	10/9/2017		-	50.07	-	3504.24
	2/1/2018	3555.34 (g)	-	50.08	-	3505.26
	4/23/2018		-	50.04	-	3505.3
	11/13/2018		-	50.25	-	3505.09
	3/19/2019		-	49.85	-	3505.49
	6/28/2019		-	49.85	-	3505.49
	9/17/2019		-	49.86	-	3505.48
	12/5/2019		-	49.86	-	3505.48
	3/23/2020		-	50.02	-	3505.32
	6/2/2020		-	50.16	-	3505.18
	9/21/2020		-	49.48	-	3505.86
	3/10/2021		50.45	50.57	0.12	3504.87
	9/14/2021		50.54	50.65	0.11	3504.78
	10/4/2021		50.61	51.22	0.61	3504.61
MW-11	4/11/2005	3547.84 (b)	-	51.18	-	3496.66
	12/1/2005		-	51.10	-	3496.74
	5/10/2006		-	50.75	-	3497.09
	12/14/2006		-	50.31	-	3497.53
	6/20/2007		-	50.03	-	3497.81
	12/7/2007		-	49.32	-	3498.52
	5/30/2008		-	49.15	-	3498.69
	12/10/2008		-	49.01	-	3498.83
	5/1/2009		-	48.64	-	3499.20
	6/11/2010		-	48.23	-	3499.61
	11/10/2011		-	48.48	-	3499.36
	6/26/2012		-	48.07	-	3499.77
	6/20/2013		-	48.06	-	3499.78
	6/24/2014		-	48.25	-	3499.59
	4/17/2015		-	48.15	-	3499.69
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	48.18	-	3499.66
	1/27/2016		-	48.40	-	3499.44
	2/25/2016		-	48.44	-	3499.40
	3/29/2016		-	48.01	-	3499.83
	4/12/2016		-	-	-	-
	5/25/2016		-	48.17	-	3499.67
	7/1/2016		-	48.14	-	3499.70
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/24/2017		-	47.52	-	3500.32
	4/23/2018	3548.87 (g)	-	47.31	-	3501.56
	3/19/2019		-	47.12	-	3501.75
	3/23/2020		-	47.39	-	3501.48
	3/10/2021		-	46.38	-	3502.49
	10/4/2021		-	46.58	-	3502.29

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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-12	4/11/2005	3551.19 (b)	-	49.37	-	3501.82
	12/1/2005		-	49.05	-	3502.14
	5/10/2006		-	48.51	-	3502.68
	12/14/2006		-	48.11	-	3503.08
	6/20/2007		-	47.85	-	3503.34
	12/7/2007		-	47.42	-	3503.77
	5/30/2008		-	47.55	-	3503.64
	12/10/2008		-	47.78	-	3503.41
	5/1/2009		-	47.65	-	3503.54
	6/11/2010		-	48.15	-	3503.04
	11/10/2011		-	48.49	-	3502.70
	6/26/2012		-	48.47	-	3502.72
	6/20/2013		-	48.94	-	3502.25
	6/24/2014		-	49.40	-	3501.79
	4/17/2015		-	49.26	-	3501.93
	10/21/2015		-	-	-	-
	11/24/2015		-	49.33	-	3501.86
	12/16/2015		-	49.42	-	3501.77
	1/27/2016		-	49.58	-	3501.61
	2/25/2016		-	49.61	-	3501.58
	3/29/2016		-	49.02	-	3502.17
	4/12/2016		-	-	-	-
	5/25/2016		-	49.18	-	3502.01
	6/30/2016		-	49.12	-	3502.07
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/24/2017		-	48.02	-	3503.17
	4/23/2018	3552.18 (g)	-	48.12	-	3504.06
	3/19/2019		-	48.07	-	3504.11
	3/23/2020		-	48.05	-	3504.13
	3/10/2021		-	48.85	-	3503.33
	10/4/2021		-	49.21	-	3502.97
MW-13	4/11/2005	3547.78 (b)	-	48.13	-	3499.65
	12/1/2005		-	47.75	-	3500.03
	5/10/2006		-	46.88	-	3500.90
	12/14/2006		-	46.02	-	3501.76
	6/20/2007		-	45.43	-	3502.35
	12/7/2007		-	45.07	-	3502.71
	5/30/2008		-	45.02	-	3502.76
	12/10/2008		-	45.18	-	3502.60
	5/1/2009		-	45.20	-	3502.58
	6/11/2010		-	45.65	-	3502.13
	11/10/2011		-	45.54	-	3502.24
	6/26/2012		-	45.79	-	3501.99
	6/20/2013		-	46.40	-	3501.38
	6/24/2014		-	46.89	-	3500.89
	4/16/2015		-	47.01	-	3500.77
	10/21/2015		-	-	-	-
	11/24/2015		-	47.12	-	3500.66
	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	-	3502.09
	4/23/2018	3548.77	-	45.39	-	3503.38
	3/19/2019		-	45.24	-	3503.53
	3/23/2020		-	45.19	-	3503.58
	3/10/2021		-	45.68	-	3503.09
	10/4/2021		-	45.90	-	3502.87

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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-14	4/11/2005	3539.73 (c)	-	52.25	-	3487.48
	12/1/2005		-	52.16	-	3487.57
	5/10/2006		-	52.05	-	3487.68
	12/13/2006		-	51.86	-	3487.87
	6/20/2007		-	51.66	-	3488.07
	12/6/2007		-	51.29	-	3488.44
	6/2/2008		-	51.35	-	3488.38
	12/10/2008		-	51.77	-	3487.96
	4/27/2009		-	51.79	-	3487.94
	6/11/2010		-	51.89	-	3487.84
	11/9/2011		-	52.48	-	3487.25
	6/26/2012		-	52.36	-	3487.37
	6/20/2013		-	52.89	-	3486.84
	6/24/2014		-	53.68	-	3486.05
	4/15/2015		-	53.14	-	3486.59
	10/21/2015		-	53.37	-	3486.36
	11/24/2015		-	-	-	-
	12/16/2015		-	53.01	-	3486.72
	1/27/2016		-	53.12	-	3486.61
	2/25/2016		-	53.17	-	3486.56
	3/29/2016		-	52.68	-	3487.05
	4/12/2016		-	53.10	-	3486.63
	5/25/2016		-	53.00	-	3486.73
	6/30/2016		-	53.03	-	3486.70
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	52.33	-	3487.40
	4/23/2018	3540.70 (g)	-	52.49	-	3488.21
	7/2/2018		-	52.40	-	3488.30
	3/19/2019		-	51.89	-	3488.81
	3/23/2020		-	51.65	-	3489.05
	3/10/2021		-	52.05	-	3488.65
	10/4/2021		-	52.34	-	3488.36
MW-15	4/11/2005	3542.82 (c)	-	48.39	-	3494.43
	12/1/2005		-	48.51	-	3494.31
	5/10/2006		-	48.54	-	3494.28
	12/13/2006		-	47.84	-	3494.98
	6/20/2007		-	47.79	-	3495.03
	12/6/2007		-	47.39	-	3495.43
	6/2/2008		-	47.60	-	3495.22
	12/10/2008		-	47.80	-	3495.02
	4/27/2009		-	47.87	-	3494.95
	6/11/2010		-	48.50	-	3494.32
	11/9/2011		-	48.82	-	3494.00
	6/26/2012		-	48.86	-	3493.96
	6/20/2013		-	49.77	-	3493.05
	6/24/2014		-	51.10	-	3491.72
	4/17/2015		-	50.33	-	3492.49
	10/21/2015		-	48.64	-	3494.18
	11/24/2015		-	48.54	-	3494.28
	12/16/2015		-	48.84	-	3493.98
	1/27/2016		-	49.19	-	3493.63
	2/25/2016		-	49.33	-	3493.49
	3/29/2016		-	49.04	-	3493.78
	4/12/2016		-	-	-	-
	5/25/2016		-	49.37	-	3493.45
	6/30/2016		-	49.53	-	3493.29
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	48.62	-	3494.20
	4/23/2018	3543.75 (g)	-	49.43	-	3494.32
	3/19/2019		-	-	-	-
	3/23/2020		-	48.48	-	3495.27
	3/10/2021		-	48.38	-	3495.37
	10/4/2021		-	48.85	-	3494.90

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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-16	4/11/2005	3545.68 (c)	-	47.32	-	3498.36
	12/1/2005		-	47.52	-	3498.16
	5/10/2006		-	47.76	-	3497.92
	12/13/2006		-	47.46	-	3498.22
	6/20/2007		-	47.48	-	3498.20
	12/6/2007		-	47.25	-	3498.43
	6/2/2008		-	47.42	-	3498.26
	12/10/2008		-	47.61	-	3498.07
	4/27/2009		-	47.76	-	3497.92
	6/11/2010		-	47.94	-	3497.74
	11/9/2011		-	48.22	-	3497.46
	6/26/2012		-	48.61	-	3497.07
	6/20/2013		-	49.68	-	3496.00
	6/24/2014		-	50.91	-	3494.77
	4/17/2015		-	50.32	-	3495.36
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	50.79	-	3494.89
	1/27/2016		-	50.09	-	3495.59
	2/25/2016		-	50.01	-	3495.67
	3/29/2016		-	49.50	-	3496.18
	4/12/2016		-	-	-	-
	5/25/2016		-	49.63	-	3496.05
	6/30/2016		-	49.59	-	3496.09
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	48.41	-	3497.27
	4/23/2018	3546.68 (g)	-	48.73	-	3496.95
	3/19/2019		-	-	-	-
	3/23/2020		-	47.77	-	3498.91
	3/10/2021		-	48.40	-	3498.28
	10/4/2021		-	49.04	-	3497.64
MW-17	4/11/2005	3538.60 (d)	-	54.05	-	3484.55
	12/1/2005		-	53.99	-	3484.61
	5/10/2006		-	53.89	-	3484.71
	12/13/2006		-	53.75	-	3484.85
	6/20/2007		-	53.61	-	3484.99
	12/6/2007		-	53.25	-	3485.35
	6/2/2008		-	53.28	-	3485.32
	12/10/2008		-	53.60	-	3485.00
	4/27/2009		-	53.57	-	3485.03
	6/11/2010		-	53.63	-	3484.97
	11/9/2011		-	54.20	-	3484.40
	6/26/2012		-	54.00	-	3484.60
	6/20/2013		-	54.43	-	3484.17
	6/24/2014		-	55.89	-	3482.71
	4/17/2015		-	55.22	-	3483.38
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	55.32	-	3483.28
	1/27/2016		-	55.43	-	3483.17
	2/25/2016		-	55.48	-	3483.12
	3/29/2016		-	55.08	-	3483.52
	4/12/2016		-	-	-	-
	5/25/2016		-	55.20	-	3483.40
	6/30/2016		-	55.41	-	3483.19
	7/27/2016		-	-	-	-
	9/23/2016		-	-	-	-
	4/25/2017		-	54.90	-	3483.70
	4/23/2018	3539.56 (g)	-	54.20	-	3485.36
	3/19/2019		-	53.77	-	3485.79
	3/23/2020		-	53.42	-	3486.14
	6/2/2020		-	53.62	-	3485.94
	3/10/2021		-	53.72	-	3485.84
	10/4/2021		-	54.00	-	3485.56

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	-	3496.84
	12/1/2005		-	48.81	-	3496.78
	5/10/2006		-	48.72	-	3496.87
	12/13/2006		-	48.58	-	3497.01
	6/20/2007		-	48.45	-	3497.14
	12/6/2007		-	48.07	-	3497.52
	6/2/2008		-	48.19	-	3497.40
	12/10/2008		-	48.35	-	3497.24
	4/27/2009		-	48.37	-	3497.22
	6/11/2010		-	48.74	-	3496.85
	11/9/2011		-	49.00	-	3496.59
	6/26/2012		-	49.02	-	3496.57
	6/20/2013		-	49.59	-	3496.00
	6/24/2014		-	50.10	-	3495.49
	4/17/2015		-	49.93	-	3495.66
	10/21/2015		-	49.88	-	3495.71
	11/24/2015		-	-	-	-
	12/16/2015		-	49.77	-	3495.82
	1/27/2016		-	49.98	-	3495.61
	2/25/2016		-	49.93	-	3495.66
	3/29/2016		-	49.47	-	3496.12
	4/12/2016		-	49.84	-	3495.75
	5/25/2016		-	49.71	-	3495.88
	6/30/2016		-	49.68	-	3495.91
	7/27/2016		-	49.58	-	3496.01
	9/23/2016		-	49.53	-	3496.06
	4/25/2017		-	48.81	-	3496.78
	4/23/2018	3546.54 (g)	-	49.38	-	3496.21
	7/2/2018		-	49.35	-	3497.19
	11/13/2018		-	51.24	-	3495.3
	3/19/2019		-	48.97	-	3497.57
	6/28/2019		-	48.93	-	3497.61
	9/17/2019		-	48.86	-	3497.68
	12/5/2019		-	48.86	-	3497.68
	3/23/2020		-	48.73	-	3497.81
	6/2/2020		-	48.96	-	3497.58
	9/21/2020		-	48.91	-	3497.63
	12/14/2020		-	48.20	-	3498.34
	3/10/2021		-	48.76	-	3497.78
	10/4/2021		-	49.19	-	3497.35
SVE-1	4/11/2005	3551.22 (e)	-	50.72	-	3500.50
	12/1/2005		-	50.44	-	3500.78
	5/10/2006		-	50.05	-	3501.17
	12/14/2006		-	48.37	-	3502.85
	6/20/2007		-	49.09	-	3502.13
	12/7/2007		-	48.57	-	3502.65
	5/30/2008		-	48.42	-	3502.80
	12/10/2008		-	48.43	-	3502.79
	5/1/2009		-	48.24	-	3502.98
	6/11/2010		-	48.44	-	3502.78
	11/10/2011		-	48.70	-	3502.52
	6/26/2012		-	48.62	-	3502.60
	6/20/2013		-	49.04	-	3502.18
	6/24/2014		-	49.57	-	3501.65
	4/17/2015		-	49.57	-	3501.65
	10/21/2015		-	49.78	-	3501.44
	11/24/2015		-	49.63	-	3501.59
	12/16/2015		-	49.69	-	3501.53
	1/27/2016		-	49.82	-	3501.40
	2/25/2016		-	49.88	-	3501.34
	3/29/2016		-	49.42	-	3501.80
	4/12/2016		-	49.74	-	3501.48
	5/25/2016		-	49.54	-	3501.68
	7/1/2016		-	49.46	-	3501.76
	7/27/2016		-	49.37	-	3501.85
	9/23/2016		-	49.20	-	3502.02
	4/24/2017		-	48.49	-	3502.73
	5/2/2017		-	50.41	-	3500.81
	4/23/2018	3552.19 (g)	-	48.27	-	3503.92
	7/2/2018		-	48.15	-	3504.04
	3/19/2019		-	48.05	-	3504.14
	3/23/2020		-	47.71	-	3504.48
	3/10/2021		-	48.11	-	3504.08
	10/4/2021		-	48.37	-	3503.82

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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-2	5/24/2004	3551.96 (e)	-	49.70	-	3502.26
	11/9/2004		-	49.85	-	3502.11
	4/11/2005		-	50.31	-	3501.65
	12/1/2005		-	49.62	-	3502.34
	5/10/2006		-	48.15	-	3503.81
	12/14/2006		-	47.82	-	3504.14
	6/20/2007		-	47.48	-	3504.48
	12/7/2007		-	47.28	-	3504.68
	5/30/2008		-	47.40	-	3504.56
	12/10/2008		-	47.84	-	3504.12
	5/1/2009		-	47.92	-	3504.04
	6/11/2010		-	48.56	-	3503.40
	11/10/2011		-	48.33	-	3503.63
	6/26/2012		-	48.64	-	3503.32
	6/20/2013		-	49.20	-	3502.76
	6/24/2014		-	49.75	-	3502.21
	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 (TD=41.00)	--	--
	11/9/2004		--	Dry (TD=41.00)	--	--
	12/1/2004		Well plugged and abandoned			
SVE-5	4/11/2005	3554.39 (e)	51.40	51.99	0.59	3502.87
	12/1/2005		50.81	51.57	0.76	3503.43
	5/10/2006		50.24	51.09	0.85	3503.98
	12/14/2006		47.85	48.12	0.27	3506.49
	6/20/2007		-	46.76	-	3507.63
	12/7/2007		-	47.37	-	3507.02
	5/30/2008		-	47.98	-	3506.41
	12/10/2008		-	48.73	-	3505.66
	5/1/2009		-	49.66	-	3504.73
	6/11/2010		50.08	50.12	0.04	3504.30
	11/10/2011		-	50.28	-	3504.11
	6/26/2012		50.61	50.67	0.06	3503.77
	6/20/2013		51.25	51.42	0.17	3503.11
	6/24/2014		51.74	51.99	0.25	3502.60
	4/17/2015		51.38	51.40	0.02	3503.01
	10/21/2015		-	49.72	-	3504.67
	11/24/2015		-	49.29	-	3505.10
	12/16/2015		-	48.70	-	3505.69
	1/27/2016		-	47.73	-	3506.66
	2/25/2016		-	47.30	-	3507.09
	3/29/2016		-	47.03	-	3507.36
	4/12/2016		-	47.03	-	3507.36
	5/25/2016		-	47.13	-	3507.26
	7/1/2016		-	47.60	-	3506.79
	7/27/2016		-	47.43	-	3506.96
	9/23/2016		-	47.19	-	3507.20
	4/24/2017		-	45.00	-	3509.39
	10/9/2017		-	49.42	-	3504.97
	2/1/2018	3555.37 (g)	-	49.09	-	3506.28
	4/23/2018		-	49.33	-	3506.04
	11/13/2018		-	49.66	-	3505.71
	3/19/2019		-	49.29	-	3506.08
	6/28/2019		-	49.36	-	3506.01
	9/17/2019		-	49.53	-	3505.84
	12/5/2019		-	49.65	-	3505.72
	3/23/2020		-	50.52	-	3504.85
	6/2/2020		-	49.96	-	3505.41
	9/21/2020		-	50.24	-	3505.13
	12/14/2020		-	50.14	-	3505.23
	3/10/2021		-	50.38	-	3504.99
	10/4/2021		-	51.36	-	3504.01

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	-	3501.92
	12/1/2005		-	49.94	-	3503.80
	5/10/2006		-	49.45	-	3504.29
	12/14/2006		-	48.88	-	3504.86
	6/20/2007		-	48.50	-	3505.24
	12/7/2007		-	48.18	-	3505.56
	5/30/2008		-	48.32	-	3505.42
	12/10/2008		-	48.81	-	3504.93
	5/1/2009		-	48.79	-	3504.95
	6/11/2010		-	49.31	-	3504.43
	11/10/2011		-	49.33	-	3504.41
	6/26/2012		-	49.50	-	3504.24
	6/20/2013		-	50.13	-	3503.61
	6/24/2014		-	50.63	-	3503.11
	4/17/2015		-	51.61	-	3502.13
	10/21/2015		-	50.61	-	3503.13
	11/24/2015		-	50.48	-	3503.26
	12/16/2015		-	50.56	-	3503.18
	1/27/2016		-	50.53	-	3503.21
	2/25/2016		-	50.54	-	3503.20
	3/29/2016		-	50.04	-	3503.70
	4/12/2016		-	50.30	-	3503.44
	5/25/2016		-	50.08	-	3503.66
	7/1/2016		-	49.95	-	3503.79
	7/27/2016		-	49.82	-	3503.92
	9/23/2016		-	49.64	-	3504.10
	4/24/2017		-	48.71	-	3505.03
	4/23/2018	3554.70 (g)	Bailer stuck in well			
	3/19/2019		-	48.39	-	3506.31
	3/23/2020		-	48.41	-	3506.29
	3/10/2021		-	49.03	-	3505.67
	10/4/2021		-	49.26	-	3505.44
SVE-7	4/11/2005	3553.81 (e)	-	52.38	-	3501.43
	12/1/2005		-	51.85	-	3501.96
	5/10/2006		-	51.23	-	3502.58
	12/14/2006		-	50.46	-	3503.35
	6/20/2007		-	50.04	-	3503.77
	12/7/2007		-	49.53	-	3504.28
	5/30/2008		-	49.45	-	3504.36
	12/10/2008		-	49.71	-	3504.10
	5/1/2009		-	49.65	-	3504.16
	6/11/2010		-	50.11	-	3503.70
	11/10/2011		-	50.15	-	3503.66
	6/26/2012		-	50.24	-	3503.57
	6/20/2013		-	50.78	-	3503.03
	6/24/2014		-	51.39	-	3502.42
	4/17/2015		-	51.30	-	3502.51
	10/21/2015		-	51.46	-	3502.35
	11/24/2015		-	51.33	-	3502.48
	12/16/2015		-	51.30	-	3502.51
	1/27/2016		-	51.40	-	3502.41
	2/25/2016		-	51.36	-	3502.45
	3/29/2016		-	50.87	-	3502.94
	4/12/2016		-	51.17	-	3502.64
	5/25/2016		-	50.85	-	3502.96
	7/1/2016		-	50.73	-	3503.08
	7/27/2016		-	50.63	-	3503.18
	9/23/2016		-	50.43	-	3503.38
	4/24/2017		-	49.64	-	3504.17
	4/23/2018	3554.82 (g)	-	49.37	-	3505.45
	3/19/2019		-	49.08	-	3505.74
	3/23/2020		-	47.95	-	3506.87
	3/10/2021		-	49.45	-	3505.37
	10/4/2021		-	49.65	-	3505.17

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	4/11/2005	3555.25 (e)	-	52.39	-	3502.86
	12/1/2005		-	51.60	-	3503.65
	5/10/2006		-	51.07	-	3504.18
	12/14/2006		-	50.67	-	3504.58
	6/20/2007		-	50.18	-	3505.07
	12/7/2007		-	50.03	-	3505.22
	5/30/2008		-	50.12	-	3505.13
	12/10/2008		-	50.58	-	3504.67
	5/1/2009		-	50.63	-	3504.62
	6/11/2010		-	52.13	-	3503.12
	11/10/2011		-	52.04	-	3503.21
	6/26/2012		-	52.34	-	3502.91
	6/20/2013		-	52.95	-	3502.30
	6/24/2014		-	53.49	-	3501.76
	4/17/2015		-	53.48	-	3501.77
	10/21/2015		-	53.35	-	3501.90
	11/24/2015		-	53.28	-	3501.97
	12/16/2015		-	53.18	-	3502.07
	1/27/2016		-	53.11	-	3502.14
	2/25/2016		-	53.03	-	3502.22
	3/29/2016		-	52.78	-	3502.47
	4/12/2016		-	52.86	-	3502.39
	5/25/2016		-	52.63	-	3502.62
	7/1/2016		-	52.54	-	3502.71
	7/27/2016		-	52.42	-	3502.83
	9/23/2016		-	52.29	-	3502.96
	4/24/2017		-	51.51	-	3503.74
	10/9/2017		-	49.85	-	3505.40
	4/23/2018	3555.66 (g)	-	49.76	-	3505.9
	11/13/2018		-	49.90	-	3505.76
	3/19/2019		-	49.49	-	3506.17
	3/23/2020		-	49.50	-	3506.16
	3/10/2021		-	50.14	-	3505.52
	10/4/2021		-	50.26	-	3505.40
SVE-9	4/11/2005	3555.36 (e)	-	53.53	-	3501.83
	12/1/2005		-	51.81	-	3503.55
	5/10/2006		-	51.10	-	3504.26
	12/14/2006		-	50.61	-	3504.75
	6/20/2007		-	50.31	-	3505.05
	12/7/2007		-	49.91	-	3505.45
	5/30/2008		-	50.00	-	3505.36
	12/10/2008		-	50.46	-	3504.90
	5/1/2009		-	50.48	-	3504.88
	6/11/2010		-	51.03	-	3504.33
	11/10/2011		-	50.97	-	3504.39
	6/26/2012		-	51.22	-	3504.14
	6/20/2013		-	51.85	-	3503.51
	6/24/2014		-	52.39	-	3502.97
	4/17/2015		-	52.46	-	3502.90
	10/21/2015		-	52.33	-	3503.03
	11/24/2015		-	52.22	-	3503.14
	12/16/2015		-	52.25	-	3503.11
	1/27/2016		-	52.15	-	3503.21
	2/25/2016		-	52.17	-	3503.19
	3/29/2016		-	51.70	-	3503.66
	4/12/2016		-	51.93	-	3503.43
	5/25/2016		-	51.68	-	3503.68
	7/1/2016		-	53.22	-	3502.14
	7/27/2016		-	51.44	-	3503.92
	9/23/2016		-	51.27	-	3504.09
	4/24/2017		-	50.26	-	3505.10
	7/2/2018	3556.29 (g)	-	50.74	-	3505.55
	3/19/2019		-	49.90	-	3506.39
	3/23/2020		-	50.10	-	3506.19
	12/14/2020		-	50.25	-	3506.04
	3/10/2021		-	50.69	-	3505.60
	10/4/2021		-	50.90	-	3505.39

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	4/11/2005	3554.40 (e)	-	52.06	-	3502.34
	12/1/2005		-	51.50	-	3502.90
	5/10/2006		50.89	50.89	sheen	3503.51
	12/14/2006		-	50.53	-	3503.87
	6/20/2007		50.10	50.10	sheen	3504.30
	12/7/2007		49.85	49.85	sheen	3504.55
	5/30/2008		-	49.82	-	3504.58
	12/10/2008		-	50.12	-	3504.28
	5/1/2009		-	50.23	-	3504.17
	6/11/2010		-	50.71	-	3503.69
	11/10/2011		-	50.58	-	3503.82
	6/26/2012		-	50.82	-	3503.58
	6/20/2013		-	51.41	-	3502.99
	6/24/2014		-	51.85	-	3502.55
	4/17/2015		-	52.02	-	3502.38
	10/21/2015		-	52.11	-	3502.29
	11/24/2015		-	52.03	-	3502.37
	12/16/2015		-	51.95	-	3502.45
	1/27/2016		-	51.93	-	3502.47
	2/25/2016		-	51.85	-	3502.55
	3/29/2016		-	51.70	-	3502.70
	4/12/2016		-	52.74	-	3501.66
	5/25/2016		-	51.62	-	3502.78
	7/1/2016		-	51.42	-	3502.98
	7/27/2016		-	51.28	-	3503.12
	9/23/2016		-	51.21	-	3503.19
	4/24/2017		-	50.50	-	3503.90
	5/2/2017		-	48.75	-	3505.65
	4/23/2018	3555.52 (g)	DRY			
	7/2/2018		DRY			
	11/13/2018		DRY			
	3/19/2019		DRY			
	3/23/2020		DRY			
	3/10/2021		-	49.80	-	3505.72
	10/4/2021		-	50.04	-	3505.48
SVE-11	4/11/2005	3555.33 (e)	52.54	52.55	0.01	3502.79
	12/1/2005		51.81	53.05	1.24	3503.27
	5/10/2006		51.19	52.55	1.36	3503.87
	12/14/2006		50.71	50.71	sheen	3504.62
	6/20/2007		50.36	52.04	1.68	3504.63
	12/7/2007		50.05	51.90	1.85	3504.91
	5/30/2008		50.09	52.35	2.26	3504.79
	12/10/2008		50.58	52.72	2.14	3504.32
	5/1/2009		-	51.08	-	3504.25
	8/22/2009		-	51.60	-	3503.73
	10/5/2009		51.23	51.23	sheen	3504.10
	6/11/2010		51.49	51.61	0.12	3503.82
	11/10/2011		51.54	51.55	0.01	3503.79
	6/26/2012		51.66	52.24	0.58	3503.55
	6/20/2013		52.42	52.49	0.07	3502.90
	6/24/2014		52.71	53.52	0.81	3502.46
	4/17/2015		52.85	53.34	0.49	3502.38
	10/21/2015		52.76	53.29	0.53	3502.46
	11/24/2015		-	52.88	-	3502.45
	12/16/2015		-	52.85	-	3502.48
	1/27/2016		52.82	53.05	0.23	3502.46
	2/25/2016		52.72	52.96	0.24	3502.56
	3/29/2016		52.34	52.50	0.16	3502.96
	4/12/2016		-	-	-	-
	5/25/2016		52.41	52.46	0.05	3502.91
	7/1/2016		-	52.27	-	3503.06
	7/27/2016		-	52.09	-	3503.24
	9/23/2016		-	51.92	-	3503.41
	4/24/2017		-	51.17	-	3504.16
	4/23/2018	3556.32 (g)	51.05	51.63	0.58	3505.15
	3/19/2019		-	50.71	-	3505.61
	3/23/2020		50.95	51.95	1.00	3505.17
	3/10/2021		-	51.30	-	3505.02
	9/14/2021		51.4	52.30	0.90	3504.74
	10/4/2021		-	51.60	-	3504.72

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	4/11/2005	3555.64 (e)	52.97	52.98	0.01	3502.67
	12/1/2005		52.20	52.90	0.70	3503.30
	5/10/2006		51.61	52.37	0.76	3503.88
	12/14/2006		51.22	52.12	0.90	3504.24
	6/20/2007		50.81	51.81	1.00	3504.63
	12/7/2007		50.52	51.57	1.05	3504.91
	5/30/2008		50.65	51.75	1.10	3504.77
	12/10/2008		51.11	52.34	1.23	3504.28
	5/1/2009		-	51.53	-	3504.11
	8/22/2009		51.58	51.60	0.02	3504.06
	10/5/2009		-	51.39	-	3504.25
	6/11/2010		52.04	52.08	0.04	3503.59
	11/10/2011		51.91	52.02	0.11	3503.71
	6/26/2012		52.25	52.40	0.15	3503.36
	6/20/2013		52.90	52.90	sheen	3502.74
	6/24/2014		53.31	53.34	0.03	3502.32
	4/17/2015		53.38	53.43	0.05	3502.25
	10/21/2015		53.33	53.40	0.07	3502.30
	11/24/2015		-	53.25	-	3502.39
	12/16/2015		-	53.28	-	3502.36
	1/27/2016		-	53.26	-	3502.38
	2/25/2016		-	53.18	-	3502.46
	3/29/2016		-	52.77	-	3502.87
	4/12/2016		-	52.97	-	3502.67
	5/25/2016		-	52.72	-	3502.92
	7/1/2016		-	52.59	-	3503.05
	7/27/2016		-	52.53	-	3503.11
	9/23/2016		-	52.37	-	3503.27
	4/24/2017		-	51.50	-	3504.14
	4/23/2018	3556.66 (g)	-	51.51	-	3505.15
	11/13/2018		-	51.70	-	3504.96
	3/19/2019		-	51.31	-	3505.35
	6/28/2019		-	50.78	-	3505.88
	9/17/2019		-	50.73	-	3505.93
	12/5/2019		-	50.90	-	3505.76
	3/23/2020		-	50.90	-	3505.76
	6/2/2020		-	51.09	-	3505.57
	9/21/2020		-	51.39	-	3505.27
	12/14/2020		-	51.48	-	3505.18
	3/10/2021		-	51.47	-	3505.19
	10/4/2021		-	51.62	-	3505.04
SVE-13	4/11/2005	3554.11 (e)	-	51.49	-	3502.62
	12/1/2005		-	50.86	-	3503.25
	5/10/2006		-	49.18	-	3504.93
	12/14/2006		-	48.76	-	3505.35
	6/20/2007		-	48.46	-	3505.65
	12/7/2007		-	48.21	-	3505.90
	5/30/2008		-	49.38	-	3504.73
	12/10/2008		-	49.86	-	3504.25
	5/1/2009		-	49.98	-	3504.13
	6/11/2010		-	49.11	-	3505.00
	11/10/2011		-	50.34	-	3503.77
	6/26/2012		-	49.65	-	3504.46
	6/20/2013		-	50.21	-	3503.90
	6/24/2014		51.74	51.75	0.01	3502.37
	4/17/2015		51.86	51.87	0.01	3502.25
	10/21/2015		51.75	51.76	0.01	3502.36
	11/24/2015		-	51.75	-	3502.36
	12/16/2015		-	51.70	-	3502.41
	1/27/2016		-	51.64	-	3502.47
	2/25/2016		-	51.54	-	3502.57
	3/29/2016		-	51.19	-	3502.92
	4/12/2016		-	51.34	-	3502.77
	5/25/2016		-	51.10	-	3503.01
	7/1/2016		-	50.99	-	3503.12
	7/27/2016		-	50.89	-	3503.22
	9/23/2016		-	50.74	-	3503.37
	4/24/2017		-	49.94	-	3504.17

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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 Cont.	2/1/2018	3554.52 (g)	-	49.35	-	3505.17
	4/23/2018		-	49.34	-	3505.18
	11/13/2018		-	49.58	-	3504.94
	3/19/2019		-	49.18	-	3505.34
	6/28/2019		-	49.18	-	3505.34
	9/17/2019		-	49.18	-	3505.34
	3/23/2020		-	49.31	-	3505.21
	6/2/2020		-	49.52	-	3505.00
	9/21/2020		-	49.82	-	3504.70
	12/14/2020		-	49.91	-	3504.61
	3/10/2021		-	49.90	-	3504.62
	10/4/2021		-	50.02	-	3504.50
SVE-14	4/11/2005	3554.83 (e)	-	49.37	-	3505.46
	12/1/2005		51.65	51.66	0.01	3503.18
	5/10/2006		-	50.02	-	3504.81
	12/14/2006		-	49.56	-	3505.27
	6/20/2007		-	49.08	-	3505.75
	12/7/2007		48.64	48.64	sheen	3506.19
	5/30/2008		49.92	49.92	sheen	3504.91
	12/10/2008		50.34	50.34	sheen	3504.49
	5/1/2009		50.42	50.42	sheen	3504.41
	6/11/2010		49.99	49.99	sheen	3504.84
	11/10/2011		50.97	50.97	sheen	3503.86
	6/26/2012		50.22	50.22	sheen	3504.61
	6/20/2013		50.91	50.91	sheen	3503.92
	6/24/2014		52.34	52.35	0.01	3502.49
	4/17/2015		52.54	52.55	0.01	3502.29
	10/21/2015		-	52.38	-	3502.45
	11/24/2015		-	52.37	-	3502.46
	12/16/2015		-	52.33	-	3502.50
	1/27/2016		-	52.39	-	3502.44
	2/25/2016		-	52.25	-	3502.58
	3/29/2016		-	51.88	-	3502.95
	4/12/2016		-	52.11	-	3502.72
	5/25/2016		-	51.86	-	3502.97
	7/1/2016		-	51.73	-	3503.10
	7/27/2016		-	51.63	-	3503.20
	9/23/2016		-	51.55	-	3503.28
	4/24/2017		-	51.71	-	3503.12
	2/1/2018	3555.85 (g)	-	50.59	-	3505.26
	4/23/2018		-	50.60	-	3505.25
	3/19/2019		-	50.45	-	3505.40
	3/23/2020		-	49.56	-	3505.40
	12/14/2020		-	51.09	-	3506.29
	3/10/2021		-	51.03	-	3504.76
	10/4/2021		-	52.14	-	3504.82
RW-1	4/11/2005	3545.97 (c)	-	52.29	-	3493.68
	12/1/2005		-	52.40	-	3493.57
	5/10/2006		-	52.41	-	3493.56
	12/13/2006		-	51.72	-	3494.25
	6/20/2007		-	51.62	-	3494.35
	12/6/2007		-	51.30	-	3494.67
	6/2/2008		-	51.38	-	3494.59
	12/10/2008		-	51.74	-	3494.23
	4/27/2009		-	51.79	-	3494.18
	6/11/2010		-	52.33	-	3493.64
	11/9/2011		-	52.80	-	3493.17
	6/26/2012		-	52.80	-	3493.17
	6/20/2013		-	53.64	-	3492.33
	6/24/2014		-	54.30	-	3491.67
	4/17/2015		-	53.47	-	3492.50
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	52.80	-	3493.17
	1/27/2016		-	53.16	-	3492.81
	2/25/2016		-	53.29	-	3492.68
	3/29/2016		-	52.88	-	3493.09
	4/12/2016		-	-	-	-
	5/24/2016		-	53.21	-	3492.76
	6/30/2016		Well plugged and abandoned			

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	4/11/2005	3546.26 (c)	52.57	52.57	sheen	3493.69
	12/1/2005		-	52.68	-	3493.58
	5/10/2006		52.68	52.68	sheen	3493.58
	12/13/2006		-	52.01	-	3494.25
	6/20/2007		-	51.95	-	3494.31
	12/6/2007		51.55	51.55	sheen	3494.71
	6/2/2008		-	51.63	-	3494.63
	12/10/2008		-	52.03	-	3494.23
	4/27/2009		-	52.08	-	3494.18
	6/11/2010		-	52.56	-	3493.70
	11/9/2011		-	53.07	-	3493.19
	6/26/2012		53.02	53.03	0.01	3493.24
	7/28/2012		53.24	53.25	0.01	3493.02
	8/31/2012		53.23	53.25	0.02	3493.03
	10/11/2012		53.38	53.40	0.02	3492.88
	6/20/2013		53.81	53.90	0.09	3492.43
	6/24/2014		-	54.46	-	3491.80
	4/17/2015		-	53.71	-	3492.55
	10/21/2015		-	52.89	-	3493.37
	11/24/2015		-	52.85	-	3493.41
	12/16/2015		-	53.10	-	3493.16
	1/27/2016		-	53.47	-	3492.79
	2/25/2016		-	53.57	-	3492.69
	3/29/2016		-	53.12	-	3493.14
	4/12/2016		-	-	-	-
	5/24/2016		-	53.45	-	3492.81
	6/30/2016		Well plugged and abandoned			
RW-3	4/11/2005	3546.41 (c)	-	52.49	-	3493.92
	12/1/2005		-	52.65	-	3493.76
	5/10/2006		-	52.51	-	3493.90
	12/13/2006		-	52.06	-	3494.35
	6/20/2007		-	51.97	-	3494.44
	12/6/2007		-	51.56	-	3494.85
	6/2/2008		-	51.65	-	3494.76
	12/10/2008		-	52.07	-	3494.34
	4/27/2009		-	51.90	-	3494.51
	6/11/2010		-	52.39	-	3494.02
	11/9/2011		-	52.91	-	3493.50
	6/26/2012		-	52.90	-	3493.51
	6/20/2013		-	53.57	-	3492.84
	6/24/2014		-	54.12	-	3492.29
	4/17/2015		-	53.54	-	3492.87
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	53.08	-	3493.33
	1/27/2016		-	53.48	-	3492.93
	2/25/2016		-	53.45	-	3492.96
	3/29/2016		-	53.12	-	3493.29
	4/12/2016		-	-	-	-
	4/12/2016		-	53.27	-	3493.14
	6/30/2016		Well plugged and abandoned			
RW-4	4/11/2005	3546.96 (c)	-	52.54	-	3494.42
	12/1/2005		-	52.68	-	3494.28
	5/10/2006		-	52.49	-	3494.47
	12/13/2006		-	52.25	-	3494.71
	6/20/2007		-	51.72	-	3495.24
	12/6/2007		-	51.70	-	3495.26
	6/2/2008		-	51.77	-	3495.19
	12/10/2008		-	52.16	-	3494.80
	4/27/2009		-	52.00	-	3494.96
	6/11/2010		-	52.42	-	3494.54
	11/9/2011		-	52.98	-	3493.98
	6/26/2012		-	52.95	-	3494.01
	6/20/2013		-	53.55	-	3493.41
	6/24/2014		-	54.10	-	3492.86
	4/17/2015		-	53.57	-	3493.39
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	53.31	-	3493.65
	1/27/2016		-	53.72	-	3493.24
	2/25/2016		-	53.64	-	3493.32
	3/29/2016		-	53.25	-	3493.71
	4/12/2016		-	-	-	-
	5/24/2016		-	53.40	-	3493.56
	6/30/2016		Well plugged and abandoned			

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	-	3495.65
	12/1/2005		-	51.11	-	3495.64
	5/10/2006		-	50.92	-	3495.83
	12/13/2006		-	50.88	-	3495.87
	6/20/2007		-	50.76	-	3495.99
	12/6/2007		-	50.32	-	3496.43
	6/2/2008		-	50.35	-	3496.40
	12/10/2008		-	50.80	-	3495.95
	4/27/2009		-	50.64	-	3496.11
	6/11/2010		-	50.92	-	3495.83
	11/9/2011		-	51.46	-	3495.29
	6/26/2012		-	51.41	-	3495.34
	6/20/2013		-	51.95	-	3494.80
	6/24/2014		-	52.42	-	3494.33
	4/17/2015		-	52.57	-	3494.18
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	52.26	-	3494.49
	1/27/2016		-	52.56	-	3494.19
	2/25/2016		-	52.45	-	3494.30
	3/29/2016		-	52.00	-	3494.75
	4/12/2016		-	-	-	-
	5/24/2016		-	52.09	-	3494.66
	6/30/2016		Well plugged and abandoned			
RW-6	4/11/2005	3546.69 (c)	-	50.57	-	3496.12
	12/1/2005		-	50.64	-	3496.05
	5/10/2006		-	50.37	-	3496.32
	12/13/2006		-	50.62	-	3496.07
	6/20/2007		-	50.33	-	3496.36
	12/6/2007		-	49.95	-	3496.74
	6/2/2008		-	49.99	-	3496.70
	12/10/2008		-	50.28	-	3496.41
	4/27/2009		-	50.23	-	3496.46
	6/11/2010		-	50.53	-	3496.16
	11/9/2011		-	50.90	-	3495.79
	6/26/2012		-	51.05	-	3495.64
	6/20/2013		-	51.69	-	3495.00
	6/24/2014		-	52.28	-	3494.41
	4/17/2015		-	52.22	-	3494.47
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	52.00	-	3494.69
	1/27/2016		-	52.33	-	3494.36
	2/25/2016		-	52.17	-	3494.52
	3/29/2016		-	51.77	-	3494.92
	4/12/2016		-	-	-	-
	5/24/2016		-	51.80	-	3494.89
	6/30/2016		Well plugged and abandoned			
RW-7	4/11/2005	3547.50 (c)	-	50.92	-	3496.58
	12/1/2005		-	50.96	-	3496.54
	5/10/2006		-	50.76	-	3496.74
	12/13/2006		-	50.91	-	3496.59
	6/20/2007		-	50.70	-	3496.80
	12/6/2007		-	50.34	-	3497.16
	6/2/2008		-	50.40	-	3497.10
	12/10/2008		-	50.78	-	3496.72
	4/27/2009		-	50.70	-	3496.80
	6/11/2010		-	50.95	-	3496.55
	11/9/2011		-	51.38	-	3496.12
	6/26/2012		-	51.51	-	3495.99
	6/20/2013		-	52.10	-	3495.40
	6/24/2014		-	52.59	-	3494.91
	4/17/2015		-	52.67	-	3494.83
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	52.38	-	3495.12
	1/27/2016		-	52.71	-	3494.79
	2/25/2016		-	52.54	-	3494.96
	3/29/2016		-	52.10	-	3495.40
	4/12/2016		-	-	-	-
	5/24/2016		-	52.10	-	3495.40
	6/30/2016		Well plugged and abandoned			

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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	0.02	3497.27
	12/1/2005		-	49.71	-	3497.33
	5/10/2006		49.66	49.66	sheen	3497.38
	12/13/2006		49.76	49.76	sheen	3497.28
	6/20/2007		-	49.64	-	3497.40
	12/6/2007		-	49.36	-	3497.68
	6/2/2008		-	49.32	-	3497.72
	12/10/2008		-	49.75	-	3497.29
	4/27/2009		-	49.76	-	3497.28
	6/11/2010		-	50.03	-	3497.01
	11/9/2011		-	50.34	-	3496.70
	6/26/2012		-	50.47	-	3496.57
	6/20/2013		-	51.05	-	3495.99
	6/24/2014		-	51.57	-	3495.47
	4/17/2015		-	51.61	-	3495.43
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	51.40	-	3495.64
	1/27/2016		-	51.60	-	3495.44
	2/25/2016		-	51.43	-	3495.61
	3/29/2016		-	51.03	-	3496.01
	4/12/2016		-	-	-	-
	5/24/2016		-	51.02	-	3496.02
	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	-	3498.17
	12/1/2005		-	48.17	-	3498.15
	5/10/2006		-	48.23	-	3498.09
	12/13/2006		-	47.98	-	3498.34
	6/20/2007		-	48.09	-	3498.23
	12/6/2007		-	47.49	-	3498.83
	6/2/2008		-	47.62	-	3498.70
	12/10/2008		-	47.89	-	3498.43
	4/27/2009		-	48.01	-	3498.31
	6/11/2010		-	48.39	-	3497.93
	11/9/2011		-	48.70	-	3497.62
	6/26/2012		-	48.81	-	3497.51
	6/20/2013		-	49.41	-	3496.91
	6/24/2014		-	49.84	-	3496.48
	4/17/2015		-	49.75	-	3496.57
	10/21/2015		-	49.60	-	3496.72
	11/24/2015		-	-	-	-
	12/16/2015		-	49.58	-	3496.74
	1/27/2016		-	49.80	-	3496.52
	2/25/2016		-	49.73	-	3496.59
	3/29/2016		-	49.12	-	3497.20
	4/12/2016		-	-	-	-
	5/24/2016		-	49.26	-	3497.06
	6/30/2016		Well plugged and abandoned			
RW-11	4/11/2005	3545.74 (c)	-	48.67	-	3497.07
	12/1/2005		-	48.78	-	3496.96
	5/10/2006		-	48.78	-	3496.96
	12/13/2006		-	48.41	-	3497.33
	6/20/2007		-	48.43	-	3497.31
	12/6/2007		-	47.81	-	3497.93
	6/2/2008		-	47.94	-	3497.80
	12/10/2008		-	48.16	-	3497.58
	4/27/2009		-	48.27	-	3497.47
	6/11/2010		-	48.87	-	3496.87
	11/9/2011		-	49.15	-	3496.59
	6/26/2012		-	49.29	-	3496.45
	6/20/2013		-	49.98	-	3495.76
	6/24/2014		-	49.35	-	3496.39
	4/17/2015		-	50.23	-	3495.51
	10/21/2015		-	-	-	-
	11/24/2015		-	-	-	-
	12/16/2015		-	49.90	-	3495.84
	1/27/2016		-	50.17	-	3495.57
	2/25/2016		-	50.10	-	3495.64
	3/29/2016		-	49.61	-	3496.13
	4/12/2016		-	-	-	-
	5/24/2016		-	49.76	-	3495.98
	6/30/2016		Well plugged and abandoned			

Table 1
Summary of Groundwater Elevations
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date (b)	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-12	4/11/2005	3544.43 (c)	-	49.79	-	3494.64
	12/1/2005		-	49.90	-	3494.53
	5/10/2006		-	49.90	-	3494.53
	12/13/2006		-	49.28	-	3495.15
	6/20/2007		-	49.24	-	3495.19
	12/6/2007		-	48.76	-	3495.67
	6/2/2008		-	48.87	-	3495.56
	12/10/2008		-	49.20	-	3495.23
	4/27/2009		-	49.30	-	3495.13
	6/11/2010		-	49.78	-	3494.65
	11/9/2011		-	50.21	-	3494.22
	6/26/2012		-	50.26	-	3494.17
	6/20/2013		-	51.04	-	3493.39
	6/24/2014		-	51.41	-	3493.02
	4/17/2015		-	51.27	-	3493.16
	10/21/2015		-	50.31	-	3494.12
	11/24/2015		-	50.26	-	3494.17
	12/16/2015		-	50.45	-	3493.98
	1/27/2016		-	50.80	-	3493.63
	2/25/2016		-	50.84	-	3493.59
	3/29/2016		-	50.42	-	3494.01
	4/12/2016		-	-	-	-
	5/24/2016		-	50.66	-	3493.77
	6/30/2016		Well plugged and abandoned			

Notes:
ft = Feet
AMSL = Above mean sea level
TOC = Top of casing
(a) - = Not Applicable
(b) Groundwater elevation data for years prior to 2005 may be found in the 2014 Groundwater Report and previous reports
(c) Survey by John West Engineering, Hobbs, NM dated 11/94
(d) Survey by John West Engineering, Hobbs, NM dated 02/22/96
(e) Survey by Cypress Engineering, Houston, TX dated 08/11/99
(f) SVE-3 plugged and abandoned on 12-01-04 by George Friend.
(g) Survey By High Mesa, January 2019

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
SVE-1A	5/25/2004	**90**	47	25	95	< 100	**380**	**< 10**	**10**	**120**	**< 30**	420	**< 10**	40	**80**	--	**< 10**	23	**< 40**	**< 40**	23	--
	11/10/2004	**91**	99	32	190	< 50	**680**	< 5.0	**19**	**310**	**< 15**	1500	< 5.0	41	**140**	--	**< 5.0**	26	< 20	21	**47**	--
	4/12/2005	**85**	36	29	79	< 100	**150**	**< 10**	**< 10**	**85**	**< 30**	550	**< 10**	< 10	**35**	--	**< 10**	28	**< 40**	**< 40**	28	--
	12/2/2005	**170**	37	60	110	< 100	**150**	**< 10**	**< 10**	**76**	**< 30**	180	**< 10**	12	**48**	--	**< 10**	**39**	**< 40**	**51**	**90**	--
	5/11/2006	**110**	23	41	89	< 50	**150**	**8.1**	< 5	**74**	**< 15**	260	< 5	< 5	**37**	--	**< 5**	**33**	< 20	< 20	**33**	--
	12/14/2006	**160**	31	65	120	< 100	**230**	**< 10**	**< 10**	**95**	**< 30**	200	**< 10**	15	**60**	--	**< 10**	**37**	**< 40**	**< 40**	**37**	--
	6/21/2007	**72**	12	28	56	< 10	**240**	1.4	**9.2**	59	< 3	58	**7.9**	21	**42**	--	1.1	21	6.8	8.5	**36**	--
	12/7/2007	**73**	8.8	25	39	< 50	**96**	< 5	< 5	37	**< 15**	< 50	< 5	6.2	**24**	--	**< 5**	19	< 20	< 20	19	--
	6/2/2008	**140**	22	59	81	< 50	**180**	< 5	**7.7**	61	**< 15**	69	**15**	16	**41**	--	**< 5**	**44**	< 20	< 20	**44**	--
	12/11/2008	**71**	7.5	29	35	< 10	**150**	3.7	5.2	42	< 3	27	**6.5**	12	**22**	--	< 1	21	8	12	**41**	--
	4/28/2009	**69**	5.7	31	31	< 10	**38**	< 1	< 1	19	< 3	15	1.1	< 1	**11**	--	< 1	21	8.2	12	**41**	--
	6/13/2010	**62**	< 10	31	20	< 10	**55**	**< 10**	**< 10**	27	**< 30**	< 100	**< 10**	< 10	**16**	--	**< 10**	< 20	**< 40**	**< 40**	**< 100**	--
	11/9/2011	**52**	18	23	54	< 100	**410**	**< 10**	**13**	**190**	**< 30**	< 100	**14**	28	**40**	--	**< 10**	< 20	**< 40**	**< 40**	**< 100**	--
	6/27/2012	**46**	34	26	89	< 100	**440**	**< 10**	**14**	**310**	**< 30**	160	**< 10**	< 10	**34**	--	**< 10**	< 20	**< 40**	**< 40**	**< 100**	--
	6/20/2013	**50**	49	21	72	< 100	**580**	**< 10**	**19**	**670**	**< 30**	< 100	**< 10**	13	**42**	--	**< 10**	< 20	**< 40**	**< 40**	**< 100**	--
	6/25/2014	**57.7**	49.9 J	20.3 J	70.1 J	< 82.0	**569**	**< 13.0**	**17.8 J**	**792**	**34.7 J**	< 32.0	**< 14.0**	< 15.5	**38.8 J**	< 14.5	**< 14.0**	< 0.0708	< 0.107	< 0.0834	< 0.261	6.87
	4/15/2015	**43**	30	17	44	< 8.6	**530**	< 1.0	**13**	**850**	< 2.5	< 1.0	< 1.0	< 1.0	**18**		**< 3**	< 15	< 15	< 15	< 45	--
	4/13/2016	**48**	17	14	32	< 50	**380**	< 5.0	**8.2**	**580**	**< 15**	< 50	< 5.0	6.7	**16**	< 5.0	**< 5.0**	< 10	< 10	< 10	< 30	< 2.5
	4/27/2017	**50**	7.5	16	17	< 50	**240**	< 5.0	6.2	**220**	**< 15**	< 50	**6.0**	< 5.0	**14**	< 5.0	**< 5.0**	14	< 20	< 20	14	--
	4/25/2018	**57**	17	21	47	< 50	**440**	< 5.0	**13**	**480**	**< 15**	< 50	< 5.0	< 5.0	**18**	< 5.0		17	< 5.0	< 5.0	17	< 2.5
	7/2/2018	**55**	13	16	35	< 50	**430**	< 5.0	**13**	**440**	**< 15**	< 50	< 5.0	5.3	**16**	< 5.0	**< 5.0**	14	< 20	< 50	14	< 5.0
	3/21/2019	**46**	12	17	27	< 20	**320**	< 2.0	**7.2**	**390**	**< 6.0**	< 20	**7.2**	< 2.0	**14**	< 2.0	< 2.0	14	< 8.0	< 8.0	14	< 2.5
	6/28/2019	**3.6**	< 2.0	2.5	11	22	**28**	< 2.0	< 2.0	**32**	**< 6.0**	< 20	< 2.0	< 2.0	2.6	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**7,000**
	9/17/2019	**26**	2.3	6.9	6.0	< 20	**400**	< 2.0	**11**	**390**	**< 6.0**	< 20	< 2.0	< 2.0	**18**	< 2.0	< 2.0	5.3	< 8.0	< 8.0	5.3	**4,400**
	12/5/2019	**19**	< 2.0	8.7	< 3.0	< 20	**73**	< 2.0	2.3	**74**	**< 6.0**	< 20	< 2.0	< 2.0	**6.4**	< 2.0	< 2.0	8.1	< 2.0	< 2.0	8.1	**7,900**
	3/25/2020	**30**	<10	17	<15	< 20	**210**	< 2.0	5.8	**200**	**< 6.0**	< 20	< 4	3.5	**16**	< 2.0	< 2.0	15	< 8.0	< 8.0	15.0	**2,400**
	6/2/2020	**23**	2.4	16	< 3.0	< 20	**280**	< 2.0	6.0	**260**	**< 6.0**	< 20	4.3	< 2.0	**17**	< 2.0	< 2.0	15	< 8.0	< 8.0	15	**1,400**
	9/22/2020	**20**	< 5.0	19	< 7.5	< 50	**200**	< 5.0	**7.0**	**190**	**< 15**	< 50	< 5.0	< 5.0	**13**	< 5.0	**< 5.0**	15	< 20	< 20	15	**1,200**
	12/14/2020	**20**	< 2.0	14	< 3.0	< 20	**70**	< 2.0	2.2	**78**	**< 6.0**	< 20	< 2.0	< 2.0	**7.3**	< 2.0	< 2.0	17	< 8.0	< 8.0	17	**720**
	3/11/2021	**19**	< 2.0	9.6	< 3.0	< 20	**150**	< 2.0	3.1	**120**	**< 6.0**	< 20	3.9	5.0	**11**	< 2.0	< 2.0	16	< 8.0	8.4	16	**630**
	10/5/2021	**24**	4.5	12	< 3.0	< 20	**360**	< 2.0	**9.1**	**370**	**< 6.0**	< 20	**5.2**	5.8	**16**	< 2.0	< 2.0	12	< 8.0	8.4	16	100

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
SVE-1	4/16/2015	**17**	< 1.0	350	34	< 39	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	4/15/2016	**11**	< 1.0	150	18	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.5	< 4.0	4.1	7.6	9.8
	5/2/2017	**19**	< 1.0	350	28	< 10	< 1.0	< 1.0	--	--	< 3.0	< 10	--	< 1.0	--	< 5.0	**< 5.0**	< 10	<20	<20	< 30	--
	4/26/2018	**17**	< 2.0	250	14	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	7.5	< 8.0	< 8.0	7.5	0.88
	7/2/2018	**24**	< 1.0	340	19	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	8.1	< 8.0	8.7	16.8	< 5.0
	3/20/2019	**13**	< 1.0	230	8.4	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.8	5.3	6.8	16.9	5.7
	3/25/2020	**6.8**	<5	33	<7.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	<20	<20	< 30	17
	3/11/2021	**7.8**	< 1.0	4.7	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	26
	10/5/2021	2.3	< 1.0	1.1	1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	43
SVE-2	7/28/2012	**540**	< 10	82	< 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013	**770**	< 20	110	< 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/21/2013 (DUP)	**790**	< 20	110	< 40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/25/2014	**523**	< 10.5	56.2	< 40	< 82.0	< 16.5	**< 13.0**	**< 17.5**	< 12.5	**37.3 J**	< 32.0	**< 14.0**	< 15.5	**< 8.00**	< 14.5	**< 14.0**	< 0.0708	< 0.107	< 0.0834	< 0.261	150
SVE-5	6/25/2014	Not Sampled Due to Presence of LNAPL																				
	4/15/2016	**1600**	27	100	**640**	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**30**	**< 40**	**< 40**	**30**	< 2.5
	4/25/2017	**1400**	< 10	140	**810**	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**40**	**< 40**	**< 40**	**40**	< 2.5
	10/9/2017	**700**	8.8	67	270	72.0	--	--	**--**	--	**< 30**	< 100	--	< 10	--	< 10	**< 10**	**33**	< 20	< 20	**33**	**5700**
	2/1/2018	**250**	20	130	550	98.0	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 5.0**	**58**	**39**	**56**	**153**	250
	4/25/2018	**950**	24	260	**1100**	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**180**	**140**	**220**	**540**	36
	11/14/2018	**670**	< 10	79	270	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**38**	**< 40**	**41**	**79**	--
	3/20/2019	**840**	< 10	140	520	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**38**	**< 40**	**<40**	**38**	6.0
	6/28/2019	**520**	< 10	74	300	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**32**	**< 40**	**<40**	**32**	**8,900**
	9/17/2019	**550**	< 10	78	320	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	23	**< 40**	**<40**	23	**6,700**
	12/5/2019	**1200**	< 20	< 20	**900**	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**70**	**< 80**	**80**	**150**	**4,100**
	3/25/2020	**710**	<20	69	360	230.0	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**70**	**< 80**	**80**	**150**	**2,600**
	6/2/2020	**430**	< 10	58	300	160	< 10	< 5.0	**< 10**	< 10	**< 30**	< 100	< 10	< 10	< 10	< 10	< 10	29	**< 40**	**<40**	29	**1,700**
	9/22/2020	**470**	7.4	63	190	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	25	< 20	21	**46**	**660**
	12/14/2020	**950**	7.7	120	450	120	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	20	< 20	20	**40**	**18,000**
	3/11/2021	**400**	< 5.0	62	240	220	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	24	< 20	24	**48**	**15,000**
	10/5/2021	**360**	8.9	76	300	340	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	**42**	**36**	**62**	**140**	**9400**
SVE-6	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/16/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	4/15/2016	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	26	< 1.0	< 10	< 10	< 10	< 30	360
SVE-7	4/15/2016	**28**	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 10	< 30	580
	4/25/2017	**15**	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**680**
	4/26/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	530
	3/20/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**820**
	3/25/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**680**
	3/11/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**870**
	10/5/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**740**

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
SVE-8	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/15/2016	< 1.0	< 1.0	< 1.0	<1.5	23	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 10	< 30	**950**
	4/25/2017	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**990**
	10/9/2017	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	--	--	--	--	< 10	< 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	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**1,500**
	11/14/2018	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**1,100**
	3/20/2019	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**900**
	3/25/2020	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**860**
	3/11/2021	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**920**
	10/5/2021	< 1.0	< 1.0	< 1.0	<1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**870**
SVE-9	6/26/2012	< 1.0	< 1.0	< 1.0	< 2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/15/2016	1.4	< 1.0	< 1.0	<1.5	68	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 10	< 30	250
	4/26/2017	**17**	4	< 1.0	12	85	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	7/2/2018	1.5	< 1.0	< 1.0	<1.5	15	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**1,000**
	3/20/2019	**23**	< 1.0	< 1.0	2.4	170	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**1,100**
	3/25/2020	**28**	< 1.0	< 1.0	2.4	41	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**1,000**
	12/14/2020	**12**	< 1.0	< 1.0	< 1.5	110	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**850**
	3/11/2021	**12**	< 1.0	< 1.0	1.9	11	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**860**
	10/5/2021	4.0	< 1.0	< 1.0	4.1	<10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	400.0
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	< 82.0	< 16.5	**42.4 J**	**< 17.5**	< 12.5	**42.6 J**	< 32.0	**< 14.0**	< 15.5	**< 8.00**	< 14.5	**< 14.0**	< 0.0708	< 0.107	< 0.0834	< 0.261	6.65
	6/25/2014	**2,000**	< 10.5	91.7	**636**	< 82.0	< 16.5	**49.6 J**	**< 17.5**	< 12.5	**24.2 J**	< 32.0	**< 14.0**	< 15.5	**< 8.00**	< 14.5	**< 14.0**	< 0.0708	< 0.107	< 0.0834	< 0.261	< 0.655
	4/16/2015	**1,400**	< 1.0	100	470	70	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	4/15/2016	**1,400**	< 10	92	300	120	< 10	< 10	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	< 40	< 40	< 100	< 2.5
	4/15/2016 (DUP)	**1,500**	< 10	98	310	< 100	< 10	< 10	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	< 40	< 40	< 100	--
	5/2/2017	**1,300**	< 10	94	360	42	< 10	< 10	**--**	--	--	< 100	--	< 10	--	< 10	**< 10**	14.0	13.0	15.0	< 100	--
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	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	14	< 1.0	< 10	< 10	< 10	< 30	**760**
	4/25/2017	**430**	1.1	60	13	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	7.0	< 4.0	7.0	**--**
	4/25/2018	**2,100**	< 10	210	270	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**30**	< 40	< 40	**30**	**8,400**
	11/14/2018	**2,100**	< 10	140	200	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	200
	3/20/2019	**2,500**	< 10	180	270	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	200
	6/28/2019	**2,200**	< 10	140	180	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**5,700**
	9/17/2019	**2,300**	< 10	170	190	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**1,400**
	12/5/2019	**1,900**	< 10	210	170	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**5,800**
	3/25/2020	**2,600**	< 10	260	220	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**1,900**
	6/2/2020	**2,600**	< 20	290	190	< 200	< 20	**< 10**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**2,600**
	9/22/2020	**2,200**	< 20	260	< 20	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**340**
	12/14/2020	**3,000**	< 20	210	120	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**10,000**
	3/11/2021	**2,900**	< 20	250	170	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**4,900**
	10/5/2021	**3,400**	< 20	270	210	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**1000**

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
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	< 50	<5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 5.0**	< 10	< 20	< 20	**< 50**	400
	4/25/2017	**3,300**	< 2.0	290	**630**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	54	25	36	**115**	--
	2/1/018	**450**	< 10	80	< 15	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	< 40	< 40	**< 100**	**700**
	4/25/2018	**430**	< 5.0	61	< 7.5	< 50	<5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	**< 5.0**	< 5.0	< 5.0	< 5.0	**< 5.0**	< 10	< 20	< 20	< 50	430
	11/14/2018	**400**	< 2.0	45	7.2	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	510
	3/20/2019	**380**	< 2.0	31	4.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**640**
	6/28/2019	**400**	< 2.0	43	7.6	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**700**
	9/17/2019	**440**	< 2.0	38	4.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**610**
	3/25/2020	**470**	< 5.0	16	< 7.5	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	470
	6/2/2020	**490**	< 5.0	10	< 7.5	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 30	470
	9/22/2020	**470**	< 5.0	< 5.0	9.6	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 30	500
	12/14/2020	**460**	< 2.0	6.7	12.0	< 50	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**700**
	3/11/2021	**460**	< 2.0	2.8	10	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 6.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	560
	10/5/2021	**460**	< 2.0	<2.0	6	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 6.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**600**
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																				
	4/15/5016	**37**	< 10	34	160	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	< 20	< 40	< 40	< 100	91
	4/25/2017	**210**	1.3	73	260	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.1	6.5	4.2	17.8	50
	2/1/2018	**83**	< 1.0	39	110	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.3	9.1	4.3	18.7	160
	4/25/2018	**51**	< 5.0	31	55	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 50	180
	3/20/2019	**29**	< 2.5	25	42	< 25	< 2.5	< 2.5	< 2.5	< 2.5	**< 7.5**	< 25	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 10	< 10	< 25	330
	3/25/2020	**17**	<5.0	22	23	< 25	< 2.5	< 2.5	< 2.5	< 2.5	**< 7.5**	< 25	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 10	< 10	< 25	450
	9/22/2020	**17**	< 5.0	17	9.2	< 50	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 50	510
	12/14/2020	**77**	< 2.0	29	25.0	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	400
	3/11/2021	**27**	< 2.0	19	13	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	550
	10/5/2021	**26**	<1/0	1.2	4.4	< 20	< 2.0	< 2.0	< 2.0	< 2.0	**< 6.0**	< 20	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	580

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-1	5/25/2004	**25**	63	14	120	63	**640**	**7.1**	**21**	8.5	**190**	2200	**32**	170	**38**	--	**< 5**	21	< 20	< 20	21	--
	11/9/2004	**23**	53	16	160	< 100	**410**	**< 10**	**< 10**	< 10	**< 30**	2800	**11**	39	**42**	--	**< 10**	23	**< 40**	**< 40**	23	--
	4/12/2005	**26**	60	18	150	110	**250**	**6.4**	< 5	8.9	**17**	2400	**13**	22	**37**	--	**< 5**	**30**	< 20	< 20	**30**	--
	12/2/2005	**37**	94	23	190	140	**440**	< 5	**12**	9.9	**100**	1900	**32**	89	**54**	--	**13**	**31**	< 20	**32**	**63**	--
	5/11/2006	**26**	61	17	120	120	**280**	**6.7**	**5.4**	6.4	**< 15**	1700	**19**	15	**30**	--	**< 5**	27	< 20	< 20	27	--
	12/17/2006	**48**	130	32	210	< 100	**380**	**< 10**	**< 10**	12	**< 30**	2400	**20**	18	**58**	--	**< 10**	**32**	**< 40**	**< 40**	**32**	--
	6/21/2007	**25**	66	16	92	290	**350**	3.1	4.9	5.6	**9.0**	1400	**42**	31	**41**	--	1.6	22	6.9	9.6	**39**	--
	12/7/2007	**20**	62	11	79	1000	**600**	**< 10**	**< 10**	< 10	**< 30**	1200	**46**	38	**58**	--	**< 10**	< 20	**< 40**	**< 40**	**< 100**	--
	6/2/2008	**29**	80	15	100	500	**760**	**< 10**	**14**	< 10	**< 30**	1900	**76**	94	**66**	--	**< 10**	22	**< 40**	**< 40**	22	--
	6/20/2013	Not sampled due to presense of LNAPL - June of 2013 to December of 2020																				
MW-4	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	1.6	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	1.4	< 1.0	1.3	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 2.0	< 1.0	1.1	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 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	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 2.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/25/2014	< 0.150	0.33 J	< 0.230	< 0.8	< 1.64	< 0.330	< 0.260	< 0.350	< 0.250	< 0.460	< 0.640	< 0.280	< 0.310	< 0.160	0.490 J	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	**652**
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	4/13/2016	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 10	< 10	< 10	< 30	**740**
	4/27/2017	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**--**
	4/24/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**700**
	3/21/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**660**
	3/24/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	570
	3/11/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**670**

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-5	5/25/2004	**22**	7.5	5.1	13	< 50	**150**	< 5.0	< 5.0	**120**	**< 15**	< 50	< 5.0	< 5.0	**130**	--	**< 5.0**	< 10	< 20	< 20	**< 50**	--
	11/9/2004	**19**	8.3	< 5.0	< 5.0	< 50	**160**	< 5.0	< 5.0	**150**	**< 15**	< 50	< 5.0	< 5.0	**130**	--	**< 5.0**	< 10	< 20	< 20	**< 50**	--
	4/12/2005	**23**	7.3	< 5.0	15	< 50	**98**	< 5.0	5.8	**82**	**< 15**	< 50	< 5.0	< 5.0	**94**	--	**< 5.0**	11	< 20	< 20	11	--
	12/2/2005	**21**	7.7	6.4	16	17	**71**	1.7	3.3	61	< 3	< 10	2.4	2.0	**66**	--	**2.2**	9.8	< 4.0	< 4.0	9.8	--
	5/11/2006	**14**	4.1	4.5	10	< 10	**95**	3	2.1	39	< 3	< 10	1.6	< 1.0	**47**	--	< 1.0	8.5	< 4.0	< 4.0	8.5	--
	12/17/2006	**47**	16	17	42	< 50	**210**	**8.7**	5.8	**120**	**< 15**	< 50	< 5.0	< 5.0	**150**	--	**< 5.0**	24	< 20	< 20	24	--
	6/21/2007	**15**	5.7	5.6	12	< 10	**73**	1.3	2.6	36	< 1	< 10	1.8	1.1	**43**	--	< 1.0	9.7	< 4.0	< 4.0	9.7	--
	12/7/2007	**15**	4.7	4.3	11	< 10	**71**	2.9	2.1	30	< 1	< 10	2.6	1.5	**38**	--	< 1.0	8.7	< 4.0	< 4.0	8.7	--
	6/2/2008	**14**	3.6	4.2	7.5	< 10	**72**	1.1	2.0	31	< 3	< 10	< 1.0	< 1.0	**39**	--	< 1.0	9	< 4.0	< 4.0	9	--
	12/11/2008	**20**	6.3	4.1	16	< 10	**95**	1.5	2.5	31	< 3	< 10	2.6	< 1.0	**38**	--	< 1.0	15	< 4.0	5.9	21	--
	4/28/2009	**16**	3.8	5.5	12	< 10	**77**	1.2	1.6	26	< 3	< 10	1.6	< 1.0	**32**	--	< 1.0	9.1	< 4.0	< 4.0	9.1	--
	6/13/2010	**17**	5.0 J	6.3 J	< 15	41 J	**71**	**< 10**	**< 10**	42	**< 30**	< 10	**< 10**	< 10	**32**	--	**3.7 J**	< 20	**< 40**	**< 40**	**< 100**	--
	11/10/2011	**16**	< 10	< 10	< 15	< 100	**61**	**< 10**	**< 10**	48	**< 30**	< 100	**< 10**	< 10	**24**	--	**< 10**	< 20	**< 40**	**< 40**	**< 100**	--
	6/27/2012	**14**	< 5	5.6	8.2	< 50	**72**	< 5	< 5	43	**< 15**	< 50	< 5	< 5	**27**	--	**< 5**	< 10	< 20	< 20	**< 50**	--
	6/20/2013	**12**	2.2	3.1	5.9	< 10	**95**	< 1	1.7	31	< 3	< 10	1.2	< 1	**29**	--	< 1	6.6	< 4.0	< 4.0	6.6	--
	6/25/2014	**15.6 J**	< 4.20	< 4.60	< 16.0	< 32.8	**94.4**	**< 5.20**	< 7.00	27.2	**11.4 J**	< 12.8	**< 5.60**	< 6.20	**25.4**	< 5.80	**< 5.60**	< 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	< 16.4	**93.1**	< 2.60	< 3.50	24.5	**5.74 J**	< 6.40	< 2.80	< 3.10	**20.2**	< 2.90	**< 2.80**	< 0.0708	< 0.107	< 0.0834	< 0.261	13
	4/15/2015	**15**	< 1.0	6.5	13.0	< 27	**98**	< 1.0	< 1.1	26	< 2.5	< 1.0	< 1.0	< 1.0	**26**	--	< 1.0	--	--	--	--	--
	4/13/2016	**12**	1.8	4.0	7.4	< 30	**90**	< 1.0	1.1	24	< 3.0	< 10	< 1.0	< 1.0	**19**	< 1.0	< 1.0	8.1	< 4.0	< 4.0	8.1	< 2.5
	4/26/2017	**9.1**	1.6	3.8	6.1	< 13	**87**	< 1.0	1.3	26	< 3.0	< 10	< 1.0	< 1.0	**21**	< 1.0	< 1.0	6.0	< 4.0	< 4.0	6.0	--
	4/24/2018	**10**	1.8	3.8	6.3	< 12	**98**	< 1.0	1.8	27	< 3.0	< 10	< 1.0	< 1.0	**23**	< 1.0	< 1.0	6.4	< 4.0	< 4.0	6.4	< 2.5
	3/21/2019	**13**	1.4	3.7	4.7	< 10	**84**	1.0	1.2	28	< 3.0	< 10	< 1.0	< 1.0	**20**	< 1.0	< 1.0	4.6	< 4.0	< 4.0	4.6	< 2.5
	6/28/2019	**16**	2.6	5.4	8.8	< 20	**100**	< 2.0	< 2.0	27	**< 6.0**	< 20	< 2.0	< 2.0	**20**	< 2.0	< 2.0	7.0	< 8.0	<8.0	7.0	< 5.0
	9/17/2019	**15**	2.4	5.9	8.9	< 20	**110**	< 2.0	< 2.0	32	**< 6.0**	< 20	< 2.0	< 2.0	**25**	< 2.0	< 2.0	8.3	< 8.0	<8.0	8.3	< 5.0
	12/5/2019	**12**	<2.0	4.2	7.1	< 20	**79**	< 2.0	< 2.0	21	**< 6.0**	< 20	< 2.0	< 2.0	**17**	< 2.0	< 2.0	6.8	< 8.0	< 8.0	6.8	< 5.0
	3/24/2020	**16**	2.2	5.4	8.3	< 20	**110**	< 2.0	< 2.0	27	**< 6.0**	< 20	< 2.0	< 2.0	**21**	< 2.0	< 2.0	7.8	< 8.0	< 8.0	7.8	< 5.0
	6/2/2020	**16**	2.7	6.8	10.0	< 10	**110**	1.2	1.2	30	< 3.0	< 10	< 1.0	< 1.0	**21**	< 1.0	< 1.0	9.4	< 4.0	< 4.0	9.4	< 5.0
	9/22/2020	**13**	2.3	5.8	8.2	< 10	**110**	< 1.0	1.7	27	< 3.0	< 10	< 1.0	< 1.0	**22**	< 1.0	< 1.0	8.0	< 4.0	< 4.0	8.0	3.2
	12/14/2020	**15**	2.2	5.4	6.0	< 20	**97**	< 1.0	1.7	32	< 3.0	< 10	< 1.0	< 1.0	**21**	< 1.0	< 1.0	7.6	< 4.0	< 4.0	7.6	1.8
	3/10/2021	**15**	2.6	6.3	8.7	< 20	**82**	< 1.0	1.5	37	< 3.0	< 10	< 1.0	< 1.0	**23**	< 1.0	1.1	9.6	< 4.0	4.8	14.4	< 2.5
	10/5/2021	**5.7**	<1.0	2.1	3.2	< 10	**130**	< 1.0	1.9	17	< 3.0	< 10	1.1	1.1	**25**	< 1.0	< 1.0	3.5	< 4.0	< 4.0	3.5	7.5

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-6	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	6.9	< 1.0	1.1	5.2	< 3.0	< 10	< 1.0	< 1.0	**12**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	5.5	< 1.0	< 1.0	4.6	< 3.0	< 10	< 1.0	< 1.0	**10**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	1.1	< 1.0	< 1.0	< 1.0	< 10	6.7	< 1.0	1.3	5.1	< 3.0	< 10	< 1.0	< 1.0	**10**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	5.3	< 1.0	< 1.0	4.2	< 3.0	< 10	< 1.0	< 1.0	**10**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	1.1	< 1.0	< 1.0	< 3.0	< 10	6.4	< 1.0	1.2	4.6	< 1.0	< 10	< 1.0	< 1.0	**9.9**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	6.5	< 1.0	< 1.0	4.1	< 1.0	< 10	< 1.0	< 1.0	**11**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	4.7	< 1.0	< 1.0	3.5	< 3.0	< 10	< 1.0	< 1.0	**9.1**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	4.1	< 1.0	< 1.0	3.1	< 3.0	< 10	< 1.0	< 1.0	**9.1**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	5.3	< 1.0	< 1.0	3.5	< 3.0	< 10	< 1.0	< 1.0	**9.2**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.6	< 1.0	< 1.0	3.2	< 3.0	< 10	< 1.0	< 1.0	**8.5**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	4.3	< 1.0	< 1.0	3.0	< 3.0	< 10	< 1.0	< 1.0	**7.6**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.6	< 1.0	< 1.0	2.7	< 3.0	< 10	< 1.0	< 1.0	**6.2**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.2	< 1.0	< 1.0	2.3	< 3.0	< 10	< 1.0	< 1.0	4.8	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.4	< 1.0	< 1.0	2.0	< 3.0	< 10	< 1.0	< 1.0	**5.1**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	2.8	< 1.0	< 1.0	2.1	< 3.0	< 10	< 1.0	< 1.0	4.6	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2014	0.590 J	< 0.210	< 0.230	< 0.8	< 1.64	3.73	< 0.260	< 0.350	1.91	< 0.460	< 0.640	< 0.280	< 0.310	4.23	< 0.290	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	**606**
	4/15/2015	< 1.0	< 1.0	< 1.0	< 13	< 8.6	3.2	< 1.0	< 1.1	1.7	< 2.5	< 1.0	< 1.0	< 1.0	3.5	--	< 1.0	--	--	--	--	**--**
	4/14/2016	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.2	< 1.0	< 1.0	2	< 3.0	< 10	< 1.0	< 1.0	3.6	< 2.0	< 1.0	< 10	< 10	< 10	< 30	**650**
	4/27/2017	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.2	< 1.0	< 1.0	2.1	< 3.0	< 10	< 1.0	< 1.0	3.2	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**--**
	4/24/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	4.9	< 1.0	< 1.0	2.6	< 3.0	< 10	< 1.0	< 1.0	4.7	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**680**
	3/21/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 10	2.3	< 1.0	< 1.0	1.6	< 3.0	< 10	< 1.0	< 1.0	3.3	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**770**
	3/24/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.8	< 1.0	< 1.0	1.7	< 3.0	< 10	< 1.0	< 1.0	2.9	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**630**
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	2.4	< 1.0	< 1.0	1.5	< 3.0	< 10	< 1.0	< 1.0	2.8	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**750**
	10/5/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.2	< 1.0	< 1.0	1.3	< 3.0	< 10	< 1.0	< 1.0	2.4	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**670**
MW-7	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**29**	< 1.0	1.4	28	< 3.0	< 10	< 1.0	< 1.0	**12**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**28**	< 1.0	< 1.0	31	< 3.0	< 10	< 1.0	< 1.0	**12**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**32**	< 1.0	1.9	34	< 3.0	< 10	< 1.0	< 1.0	**13**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**30**	< 1.0	1.4	33	< 3.0	< 10	< 1.0	< 1.0	**12**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	**30**	< 1.0	1.3	25	< 3.0	< 10	< 1.0	< 1.0	**9.8**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/14/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	**38**	< 1.0	1.4	41	< 3.0	< 10	< 1.0	< 1.0	**21**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**30**	< 1.0	1.4	36	< 1.0	< 10	< 1.0	< 1.0	**10**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**33**	< 1.0	1.2	36	< 1.0	< 10	< 1.0	< 1.0	**9.7**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**32**	< 1.0	1.4	33	< 1.0	< 10	< 1.0	< 1.0	**8.8**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**41**	< 1.0	1.6	48	< 1.0	< 10	< 1.0	< 1.0	**10**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**32**	< 1.0	1.1	36	< 1.0	< 10	< 1.0	< 1.0	**8.2**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**29**	< 1.0	1.2	34	< 1.0	< 10	< 1.0	< 1.0	**7.3**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**37**	< 1.0	1.4	52	< 1.0	< 10	< 1.0	< 1.0	**6.6**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**42**	< 1.0	1.9	50	< 1.0	< 10	< 1.0	< 1.0	**8.6**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**53**	< 1.0	1.8	60	< 3.0	< 10	< 1.0	< 1.0	**9.2**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2014	1.04		< 0.230	< 0.8	< 1.64	**59**	0.400 J	1.42	68	< 0.460	< 0.640	< 0.280	< 0.310	**7.52**	< 0.310 J	**1.01**	< 0.0708	< 0.107	< 0.0834	< 0.261	400
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	**58**	< 1.0	1.8 J	57	< 2.5	< 1.0	< 1.0	< 1.0	**9.9**	--	< 1.0	--	--	--	--	--
	4/14/2016	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**37**	< 1.0	<1.0	41	< 3.0	< 10	< 1.0	< 1.0	**6.2**	< 1.0	< 1.0	< 10	< 10	< 10	< 30	400
	4/26/2017	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**30**	< 1.0	< 1.0	32	< 3.0	< 10	< 1.0	< 1.0	4.5	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/24/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	24	< 1.0	< 1.0	18	< 3.0	< 10	< 1.0	< 1.0	3.5	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	340
	7/2/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	**30**	< 1.0	< 1.0	23	< 3.0	< 10	< 1.0	< 1.0	3.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	370
	3/21/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 10	10	< 1.0	< 1.0	6.3	< 3.0	< 10	< 1.0	< 1.0	2.4	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	390
	3/24/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 10	11	< 1.0	< 1.0	5.1	< 3.0	< 10	< 1.0	< 1.0	2	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	400
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6	< 1.0	< 1.0	3.2	< 3.0	< 10	< 1.0	< 1.0	1.6	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	410
	10/5/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	10	< 1.0	< 1.0	3.9	< 3.0	< 10	< 1.0	< 1.0	1.4	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	430

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-8	5/25/2004	**12**	< 2.0	< 2.0	< 2.0	< 20	**120**	2.1	5.5	**72**	**< 6.0**	< 20	< 2.0	< 2.0	**58**	--	**< 2.0**	< 4.0	< 8.0	< 8.0	< 20	--
	11/9/2004	**7.5**	< 5.0	< 5.0	< 5.0	< 50	**92**	< 5.0	< 5.0	59	**< 15**	< 50	< 5.0	< 5.0	**54**	--	**< 5.0**	< 10	< 20	< 20	**< 50**	--
	4/12/2005	**6.4**	< 5.0	< 5.0	< 5.0	< 50	**63**	< 5.0	< 5.0	36	**< 15**	< 50	< 5.0	< 5.0	**35**	--	**< 5.0**	< 10	< 20	< 20	**< 50**	--
	12/2/2005	**5.6**	< 1.0	< 1.0	< 1.0	< 10	**67**	1.4	3.7	47	< 3	< 10	< 1.0	< 1.0	**42**	--	**2.6**	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	4	< 1.0	< 1.0	< 3.0	< 10	**82**	3.1	3.4	46	< 3	< 10	< 1.0	< 1.0	**35**	--	**1.2**	< 2.0	< 4.0	< 4.0	< 10	--
	12/17/2006	2.1	< 1.0	< 1.0	< 3.0	< 10	**33**	1.1	1.2	19	< 3	< 10	< 1.0	< 1.0	**18**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	2.8	< 1.0	< 1.0	< 1.5	< 10	**45**	< 1.0	2.3	30	< 3	< 10	< 1.0	< 1.0	**29**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	3.9	< 1.0	< 1.0	< 1.5	< 10	**68**	2.7	3.4	48	< 3	< 10	< 1.0	< 1.0	**41**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	3.6	< 1.0	< 1.0	< 1.5	< 10	**66**	1.1	3.7	50	< 3	< 10	< 1.0	< 1.0	**40**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	3.5	< 1.0	< 1.0	< 1.5	< 10	**78**	1.2	3.6	66	< 3	< 10	< 1.0	< 1.0	**41**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	3.3	< 1.0	< 1.0	< 1.5	< 10	**73**	1.1	3.7	65	< 3	< 10	< 1.0	< 1.0	**39**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	3.6	< 1.0	< 1.0	< 1.5	< 10	**55**	1.0	3.2	57	< 3	< 10	< 1.0	< 1.0	**28**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2011	3.1	< 1.0	< 1.0	< 1.5	< 10	**47**	< 1.0	2.3	60	< 3	< 10	< 1.0	< 1.0	**23**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/27/2012	3.6	< 1.0	< 1.0	< 1.5	14	**49**	1.0	3.0	58	< 3	< 10	< 1.0	< 1.0	**29**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/20/2013	3.5	< 1.0	< 1.0	< 1.5	< 10	**57**	< 1.0	2.8	65	< 3	< 10	< 1.0	< 1.0	**31**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/20/2013 (DUP)	3.5	< 1.0	< 1.0	< 1.5	< 10	**58**	1.2	2.8	67	< 3	< 10	< 1.0	< 1.0	**30**	--	< 1.0	< 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	< 23	**48**	< 1.0	2.0	51	< 3.0	< 10	< 1.0	< 1.0	**22**	< 1.0	< 1.0	< 10	< 10	< 10	< 30	96
	4/26/2017	2.7	< 1.0	< 1.0	< 1.5	< 10	**48**	< 1.0	1.9	56	< 3.0	< 10	< 1.0	< 1.0	**21**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/24/2018	2.9	< 1.0	< 1.0	< 1.5	< 10	**63**	1.1	2.6	69	< 3.0	< 10	< 1.0	< 1.0	**28**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	96
	7/2/2018	3.0	< 1.0	< 1.0	< 1.5	< 10	**61**	< 1.0	2.6	69	< 3.0	< 10	< 1.0	< 1.0	**25**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	96
	11/14/2018	4.2	< 1.0	< 1.0	< 1.5	< 10	**40**	< 1.0	1.6	43	< 3.0	< 10	< 1.0	< 1.0	**18**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	150
	3/21/2019	1.5	< 1.0	< 1.0	< 1.5	< 10	**32**	< 1.0	1.1	34	< 3.0	< 10	< 1.0	< 1.0	**15**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	150
	12/5/2019	< 2.0	< 2.0	< 2.0	<3.0	< 20	< 2.0	< 2.0	< 2.0	<2.0	**< 6.0**	< 20	< 2.0	< 2.0	<2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**30000**
	3/24/2020	2.5	< 1.0	< 1.0	< 1.5	< 20	< 2.0	< 2.0	< 2.0	<2.0	**< 6.0**	< 20	< 2.0	< 2.0	<2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**3100**
	6/2/2020	2.5	< 1.0	< 1.0	< 1.5	< 10	**46**	< 1.0	1.8	54	< 3.0	< 10	< 1.0	< 1.0	**20**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**1100**
	9/22/2020	2.2	< 1.0	< 1.0	< 1.5	< 10	**43**	< 1.0	2.0	51	< 3.0	< 10	< 1.0	< 1.0	**17**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	340
	12/14/2020	2.8	< 1.0	< 1.0	< 1.5	27	**38**	< 1.0	1.6	61	< 3.0	< 10	< 1.0	< 1.0	**19**	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	290
	3/10/2021	3.1	< 1.0	< 1.0	< 1.5	< 10	**44**	< 1.0	1.6	68	< 3.0	< 10	< 1.0	< 1.0	**22**	< 1.0	1.0	< 2.0	< 4.0	< 4.0	< 10	270
	10/5/2021	3.1	< 1.0	< 1.0	< 1.5	< 10	**50**	< 1.0	2.1	**73**	< 3.0	< 10	< 1.0	< 1.0	**22**	< 1.0	1.0	< 2.0	< 4.0	< 4.0	< 10	150
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	< 1.64	< 0.33	< 0.26	< 0.35	< 0.25	< 0.46	< 0.64	< 0.28	< 0.31	< 0.16	14.2	< 0.28	< 0.0708	< 0.107	< 0.0834	< 0.261	**913**
	4/16/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-10	5/24/2004	Not sampled due to presense of LNAPL																				
	11/9/2004	Not sampled due to presense of LNAPL																				
	4/11/2005	Not sampled due to presense of LNAPL																				
	12/1/2005	Not sampled due to presense of LNAPL																				
	5/10/2006	Not sampled due to presense of LNAPL																				
	12/14/2006	Not sampled due to presense of LNAPL																				
	6/20/2007	Not sampled due to presense of LNAPL																				
	12/7/2007	Not sampled due to presense of LNAPL																				
	5/30/2008	Not sampled due to presense of LNAPL																				
	12/10/2008	Not sampled due to presense of LNAPL																				
	5/1/2009	Not sampled due to presense of LNAPL																				
	8/22/2009	Not sampled due to presense of LNAPL																				
	10/5/2009	Not sampled due to presense of LNAPL																				
	6/11/2010	Not sampled due to presense of LNAPL																				
	11/10/2011	Not sampled due to presense of LNAPL																				
	6/25/2014	Not sampled due to presense of LNAPL																				
	4/25/2017	**5,550**	10	490	**2,400**	< 100	< 10	**< 10**	**< 10**	< 10	**< 30**	< 100	**< 10**	< 10	**< 10**	< 10	**< 10**	**190**	**280**	**360**	**830**	13
	10/9/2017	**5,200**	<1.0	330	**2,100**	<100	< 10	**< 10**	--	--	**< 30**	< 100	--	< 10	--	< 10	**< 10**	< 30	<30	< 30	< 30	**640**
	2/1/2018	**5,900**	23	390	**2,000**	53	< 5.0	< 5.0	< 5.0	< 5.0	**< 15**	120	< 5.0	< 5.0	< 5.0	< 5.0	**< 5.0**	**51**	**30**	**34**	**116**	**900**
	4/26/2018	**5,500**	< 20	340	**1,900**	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**26,000**
	11/14/2018	**5,100**	< 20	340	**2,300**	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	< 20	**< 40**	**< 80**	**< 80**	**< 200**	72
	3/20/2019	**6,300**	< 20	450	**2,900**	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	< 20	**44**	**< 80**	**< 80**	**44**	< 2.5
	6/28/2019	**4,900**	< 20	290	**1,900**	< 200	< 20	**< 20**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	< 20	**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**	< 200	< 20	**< 10**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	< 20	**45**	< 80	< 80	**45**	54
	6/22/2020	**6,200**	< 20	370	**2,400**	< 200	< 20	**< 10**	**< 20**	< 20	**< 60**	< 200	**< 20**	< 20	**< 20**	< 20	< 20	**41**	< 80	< 80	**41**	15
	9/22/2020	Not sampled due to presense of LNAPL																				
	12/14/2020	Not sampled due to presense of LNAPL																				
	3/10/2021	Not sampled due to presense of LNAPL																				
	10/5/2021	Not sampled due to presense of LNAPL																				
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	< 1.64	< 0.33	< 0.26	< 0.35	< 0.25	< 0.46	< 0.64	< 0.28	< 0.31	< 0.16	< 0.290	< 0.28	< 0.0708	< 0.107	< 0.0834	< 0.261	272
	4/16/2015	< 1.0	< 1.0	< 1.0	< 3.0	19	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
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	< 1.64	< 0.330	< 0.260	< 0.350	< 0.250	< 0.460	< 0.640	< 0.280	< 0.310	< 0.160	19.9	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	**750**
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	< 1.64	< 0.330	< 0.260	< 0.350	< 0.250	< 0.460	< 0.640	< 0.280	< 0.310	< 0.160	< 0.290	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	168
	4/16/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	3/11/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	<1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	300

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-14	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**29**	< 1.0	< 1.0	5.8	< 3.0	< 10	< 1.0	< 1.0	**12**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	24	< 1.0	< 1.0	5.0	< 3.0	< 10	< 1.0	< 1.0	**10**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**27**	< 1.0	1.0	5.3	< 3.0	< 10	< 1.0	< 1.0	**9.8**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	**26**	< 1.0	< 1.0	5.0	< 3.0	< 10	< 1.0	< 1.0	**8.9**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	**28**	< 1.0	< 1.0	4.1	< 3.0	< 10	< 1.0	< 1.0	**6.8**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	**28**	< 1.0	< 1.0	4.5	< 3.0	< 10	< 1.0	< 1.0	**7.4**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	19	< 1.0	< 1.0	3.1	< 3.0	< 10	< 1.0	< 1.0	**5.2**	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	18	< 1.0	< 1.0	2.4	< 3.0	< 10	< 1.0	< 1.0	4.7	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	19	< 1.0	< 1.0	2.4	< 3.0	< 10	< 1.0	< 1.0	4.3	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	19	< 1.0	< 1.0	2.7	< 3.0	< 10	< 1.0	< 1.0	3.7	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	20	< 1.0	< 1.0	2.3	< 3.0	< 10	< 1.0	< 1.0	3.5	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	16	< 1.0	< 1.0	1.8	< 3.0	< 10	< 1.0	< 1.0	2.4	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	12	< 1.0	< 1.0	1.1	< 3.0	< 10	< 1.0	< 1.0	1.2	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	12	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	1.3	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	11	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2014	0.430 J	< 0.210	< 0.230	< 0.8	< 1.64	11.0	< 0.260	< 0.350	0.290 J	< 0.460	< 0.640	< 0.280	< 0.310	0.490 J	< 0.290	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	506
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	10.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	4/14/2016	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6.7	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 10	< 30	520
	4/26/2017	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6.7	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/24/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6.7	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	540
	7/2/2018	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6.3	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	470
	3/21/2019	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6.3	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**650**
	3/25/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 10	6.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	590
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	3.2	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	**710**
MW-15	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.5	< 1.0	2.6	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	--	**< 2.0**	< 2.0	< 4.0	< 4.0	< 10	--
	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.4	< 1.0	2.6	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.5	< 1.0	1.9	< 1.0	< 3.0	< 10	< 1.0	2.7	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	3.7	< 1.0	2.6	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.5	< 1.0	2.1	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	2.3	< 1.0	2.4	< 1.0	< 3.0	< 10	< 1.0	1.7	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	3.1	< 1.0	1.7	< 1.0	< 3.0	< 10	< 1.0	1.9	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	2.1	< 1.0	1.6	< 1.0	< 3.0	< 10	< 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	< 10	1.7	< 1.0	1.4	< 1.0	< 3.0	< 10	< 1.0	1.1	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	2.0	< 1.0	1.9	< 1.0	< 3.0	< 10	< 1.0	1.1	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.6	< 1.0	1.7	< 1.0	< 3.0	< 10	< 1.0	1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.6	< 1.0	1.4	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.4	< 1.0	1.3	< 1.0	< 3.0	< 10	< 1.0	1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.3	< 1.0	1.2	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.7	< 1.0	1.6	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.4	< 1.0	1.2	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/25/2014	< 0.150	0.220 J	< 0.230	< 0.8	< 1.64	1.60	< 0.260	1.27	< 0.250	< 0.460	< 0.640	< 0.280	0.570 J	< 0.160	0.820	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	476
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	3.8	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	2.1	< 1.0	--	< 1.0	--	--	--	--	--

Table 2
Summary of Groundwater Analytical Results
WT-1 Compressor Station
Transwestern Pipeline Company, LLC
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Acetone	1,1-Dichloroethane (1,1-DCA)	1,2-Dichloroethane (EDC)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Methylene chloride	4-methyl-2-pentanone	Tetrachloroethylene (PCE)	1,1,1-Trichloroethane	Trichloroethylene (TCE)	Chloroform	Vinyl chloride	Naphthalene*	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**NE**	**25**	**5**	**7**	**70**	**5**	**NE**	**5**	**200**	**5**	**100**	**2**	**30**			**30**	**600**
MW-16	5/25/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	1.5	< 1.0	2.1	< 1.0	< 3.0	< 10	**6.6**	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	1.3	< 1.0	1.0	< 1.0	< 3.0	< 10	**8.3**	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.3	< 1.0	2.0	< 1.0	< 3.0	< 10	**5.6**	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 2.0	< 1.0	1.4	< 1.0	< 3.0	< 10	**5.2**	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 2.0	< 1.0	1.8	< 1.0	< 3.0	< 10	**5.1**	< 1.0	1.3	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/17/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 2.0	< 1.0	1.2	< 1.0	< 3.0	< 10	4.0	< 1.0	1.3	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.1	< 1.0	1.2	< 1.0	< 3.0	< 10	4.8	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	3.9	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	4.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	4.3	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	4.4	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	3.7	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/10/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	2.5	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	2.9	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	2.2	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2014	< 0.150	0.250 J	< 0.230	< 0.8	< 1.64	0.670 J	< 0.260	< 0.350	< 0.250	< 0.460	< 0.640	1.04	< 0.310	0.190 J	< 0.290	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	**606**
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	1.5	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
MW-17	11/10/2004	< 1.0	< 1.0	< 1.0	< 1.0	< 10	1.9	< 1.0	2.6	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/12/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	3.0	< 1.0	2.8	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/2/2005	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.1	< 1.0	2.7	< 1.0	< 3.0	< 10	2.1	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	5/11/2006	< 1.0	< 1.0	< 1.0	< 1.0	< 10	1.7	< 1.0	< 1.0	< 1.0	< 3.0	< 10	1	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/15/2006	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 2.0	< 1.0	1.9	< 1.0	< 3.0	< 10	1.4	< 1.0	1.2	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/21/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.5	< 1.0	2.0	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/7/2007	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.2	< 1.0	1.6	< 1.0	< 3.0	< 10	1.7	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/2/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.5	< 1.0	1.8	< 1.0	< 3.0	< 10	1.6	< 2.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	12/11/2008	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.2	< 1.0	1.6	< 1.0	< 3.0	< 10	1.8	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	4/28/2009	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.2	< 1.0	1.5	< 1.0	< 3.0	< 10	2.0	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/13/2010	< 1.0	< 1.0	< 1.0	< 1.5	< 10	1.1	< 1.0	1.2	< 1.0	< 3.0	< 10	1.8	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	11/9/2011	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	1.5	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/27/2012	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	1.1	< 1.0	< 3.0	< 10	1.5	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/20/2013	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	1.3	< 1.0	< 1.0	--	< 1.0	< 2.0	< 4.0	< 4.0	< 10	--
	6/26/2014	< 0.150	< 0.210	< 0.230	< 0.8	< 1.64	0.830 J	< 0.260	0.490 J	< 0.250	< 0.460	< 0.640	0.580 J	< 0.310	0.240 J	1.06	< 0.280	< 0.0708	< 0.107	< 0.0834	< 0.261	558
	4/15/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 8.6	< 1.0	< 1.0	< 1.1	< 1.0	< 2.5	< 1.0	< 1.0	< 1.0	< 1.0	--	< 1.0	--	--	--	--	--
	6/2/2020	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	490
	3/10/2021	< 1.0	< 1.0	< 1.0	< 1.5	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 4.0	< 4.0	< 10	570

Notes:

1) Total Naphthalenes = Naphthalene + 1-Methylnaphthalene + 2-Methylnaphthalene
2) * = Napthalene data by VOC method 8260 not included in 2015 data
3) ""--"" = Analysis for this constituent was not run on samples collected during this sample event
4) ""J"" = Analyte detected below quantitation limits
5) NMWQCC = New Mexico Water Quality Control Comission
7) Bold and less than indicates the sample detection limit was higher than the NMWQCC standard
6) Concentrations in Bold and exceed the NMWQCC standard
8) NE = Not Established

Table 3
Summary of ISEB Monitoring Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Trichloroethylene (TCE)	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**25**	**7**	**70**	**5**	**30**			**30**	**600**
SVE-1A	3/21/2019	**46**	12	17	27	**320**	**7.2**	**390**	**14**	14	< 8.0	< 8.0	14	< 2.5
	6/28/2019	**3.6**	< 2.0	2.5	11	**28**	< 2.0	**32**	2.6	< 4.0	< 8.0	< 8.0	< 20	**7,000**
	9/17/2019	**26**	2.3	6.9	6.0	**400**	**11**	**390**	**18**	5.3	< 8.0	< 8.0	5.3	**4,400**
	12/5/2019	**19**	< 2.0	8.7	< 3.0	**73**	2.3	**74**	**6.4**	8.1	< 2.0	< 2.0	8.1	**7,900**
	3/25/2020	**30**	<10	17	< 15	**210**	5.8	**200**	**16**	15	< 8.0	< 8.0	15.0	**2,400**
	6/2/2020	**23**	2.4	16	< 3.0	**280**	6.0	**260**	**17**	15	< 8.0	< 8.0	15	**1,400**
	9/22/2020	**20**	< 5.0	19	< 7.5	**200**	**7.0**	**190**	**13**	15	< 20	< 20	15	**1,200**
	12/14/2020	**20**	< 2.0	14	< 3.0	**70**	2.2	**78**	**7.3**	17	< 8.0	< 8.0	17	**720**
	3/11/2021	**19**	< 2.0	9.6	< 3.0	**150**	3.1	**120**	**11**	16	< 8.0	8.4	24.4	**630**
	10/5/2021	**24**	4.5	12	< 3.0	**360**	**9.1**	**370**	**16**	12	< 8.0	8.4	16	100
SVE-5	4/15/2016	**1600**	27	100	**640**	< 10	**< 10**	< 10	**< 10**	**30**	**< 40**	**< 40**	**30**	< 2.5
	4/25/2017	**1400**	< 10	140	**810**	< 10	**< 10**	< 10	**< 10**	**40**	**< 40**	**< 40**	**40**	< 2.5
	10/9/2017	**700**	8.8	67	270	--	--	--	--	**33**	< 20	< 20	**33**	**5700**
	2/1/2018	**780**	20	130	550	< 5.0	< 5.0	< 5.0	< 5.0	**58**	39	56	**153**	250
	4/25/2018	**950**	24	260	**1100**	< 20	**< 20**	< 20	< 20	**180**	**140**	**220**	**540**	36
	11/14/2018	**670**	< 10	79	270	< 10	**< 10**	< 10	< 10	**38**	**< 40**	**41**	**79**	--
	3/20/2019	**840**	< 10	140	520	< 10	**< 10**	< 10	< 10	**38**	**< 40**	**<40**	**38**	6.0
	6/28/2019	**520**	< 10	74	300	< 10	**< 10**	< 10	< 10	**32**	**< 40**	**<40**	**32**	**8,900**
	9/17/2019	**550**	< 10	78	320	< 10	**< 10**	< 10	< 10	23	**< 40**	**<40**	23	**6,700**
	12/5/2019	**1200**	< 20	< 20	**900**	< 20	**< 20**	< 20	< 20	**70**	**< 80**	**80**	**150**	**4,100**
	3/25/2020	**710**	< 20	69	360	< 20	**< 20**	< 20	< 20	**<40**	**<80**	**<80**	**<200**	**2,600**
	6/2/2020	**430**	< 10	58	300	< 10	**< 10**	< 10	< 10	29	**< 40**	**<40**	**29**	**1,700**
	9/22/2020	**470**	7.4	63	190	< 5.0	< 5.0	< 5.0	< 5.0	25	< 20	**21**	**46**	**660**
	12/14/2020	**950**	7.7	120	450	< 5.0	< 5.0	< 5.0	< 5.0	20	< 5.0	**20**	**40**	**18,000**
	3/11/2021	**400**	< 5.0	62	240	< 5.0	< 5.0	< 5.0	< 5.0	24	< 20	**24**	**48**	**15,000**
	10/5/2021	**360**	8.9	76	300	< 5.0	< 5.0	< 5.0	< 5.0	**42**	**36**	**62**	**140**	**9400**
SVE-12	4/15/2016	< 1.0	< 1.0	< 1.0	<1.5	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10	< 10	< 30	**760**
	4/25/2017	**430**	1.1	60	13	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	7.0	< 4.0	7.0	**--**
	4/25/2018	**2,100**	< 10	210	270	< 10	**< 10**	< 10	**< 10**	**30**	< 40	< 40	**30**	**8,400**
	11/14/2018	**2,100**	< 10	140	200	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	200
	3/20/2019	**2,500**	< 10	180	270	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	200
	6/28/2019	**2,200**	< 10	140	180	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**5,700**
	9/17/2019	**2,300**	< 10	170	190	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**1,400**
	12/5/2019	**1,900**	< 10	210	170	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**5,800**
	3/25/2020	**2,600**	< 10	260	220	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	**1,900**
	6/2/2020	**2,600**	< 20	290	190	< 20	**< 20**	< 20	**< 20**	< 40	**< 80**	**< 80**	**< 200**	**2,600**
	9/22/2020	**2,200**	< 20	260	< 20	< 20	**< 20**	< 20	**< 20**	< 40	**< 80**	**< 80**	**< 200**	340
	12/14/2020	**3,000**	< 20	210	120	< 20	**< 20**	< 20	**< 20**	< 40	**< 80**	**< 80**	**< 200**	**10,000**
	3/11/2021	**2,900**	< 20	250	170	< 20	**< 20**	< 20	**< 20**	< 40	**< 80**	**< 80**	**< 200**	**4,900**
	10/5/2021	**3,400**	< 20	270	210	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**1000**

Table 3
Summary of ISEB Monitoring Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Trichloroethylene (TCE)	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**25**	**7**	**70**	**5**	**30**			**30**	**600**
SVE-13	4/15/2016	**430**	< 5.0	37	13	<5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 50	400
	4/25/2017	**3,300**	< 2.0	290	**630**	< 2.0	< 2.0	< 2.0	< 2.0	54	25	36	**115**	--
	2/1/018	**450**	< 10	80	**< 15**	< 10	**< 10**	< 10	**< 10**	< 20	< 40	< 40	**< 100**	700
	4/25/2018	**430**	< 5.0	61	< 7.5	<5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 50	430
	11/14/2018	**400**	< 2.0	45	7.2	< 2.0	< 2.0	< 2.0	< 2.0	< 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	< 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	< 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	< 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	< 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	< 10	< 20	< 20	< 30	470
	9/22/2020	**470**	< 5.0	< 5.0	9.6	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 30	500
	12/14/2020	**460**	< 2.0	6.7	9.6	< 2.0	< 2.0	< 2.0	< 2.0	< 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	< 4.0	< 8.0	< 8.0	< 20	560
	10/5/2021	**460**	< 2.0	<2.0	6	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	**600**
SVE-14	4/15/5016	**37**	< 10	34	160	< 10	**< 10**	< 10	**< 10**	< 20	**< 40**	**< 40**	**< 100**	91
	4/25/2017	**210**	1.3	73	260	< 1.0	< 1.0	< 1.0	< 1.0	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	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	< 10	< 20	< 20	< 50	180
	3/20/2019	**29**	< 2.5	25	42	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 10	< 10	< 25	330
	3/25/2020	**17**	<5.0	22	23	< 2.5	< 2.5	< 2.5	< 2.5	< 5.0	< 10	< 10	< 25	450
	9/22/2020	**17**	< 5.0	17	9	< 5.0	< 5.0	< 5.0	< 5.0	< 10	< 20	< 20	< 50	510
	12/14/2020	**77**	< 5.0	29	25	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	< 8.0	< 8.0	< 20	400
	3/11/2021	**27**	< 2.0	19	13	< 2.0	< 2.0	< 2.0	< 2.0	< 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	< 4.0	< 8.0	< 8.0	< 20	580
MW-5	3/21/2019	**13**	1.4	3.7	4.7	**84**	1.2	28	**20**	4.6	< 4.0	< 4.0	4.6	< 2.5
	6/28/2019	**16**	2.6	5.4	8.8	**100**	< 2.0	27	**20**	7.0	< 8.0	<8.0	7.0	< 5.0
	9/17/2019	**15**	2.4	5.9	8.9	**110**	< 2.0	32	**25**	8.3	< 8.0	<8.0	8.3	< 5.0
	12/5/2019	**12**	<2.0	4.2	7.1	**79**	< 2.0	21	**17**	6.8	< 8.0	< 8.0	6.8	< 5.0
	3/24/2020	**16**	2.2	5.4	8.3	**110**	< 2.0	< 2.0	**21**	7.8	< 8.0	< 8.0	7.8	< 5.0
	6/2/2020	**16**	2.7	6.8	10.0	**110**	1.2	30	**21**	9.4	< 4.0	< 4.0	9.4	< 5.0
	9/22/2020	**13**	2.3	5.8	8.2	**110**	1.7	27	**22**	8.0	< 4.0	< 4.0	8.0	3.2
	12/14/2020	**15**	2.2	5.4	6.0	**97**	< 2.0	32	**21**	7.6	< 8.0	< 8.0	7.6	1.8
	3/11/2021	**15**	2.6	6	9	**82**	1.5	37	**23**	9.6	< 4.0	4.8	14.4	< 2.5
	10/5/2021	**5.7**	<1.0	2.1	3.2	**130**	1.9	17	**25**	3.5	< 4.0	< 4.0	3.5	7.5

Table 3
Summary of ISEB Monitoring Analytical Results
WT-1 Compressor Station
Lea County, New Mexico

Well ID	Sampling Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,1-Dichloroethane (1,1-DCA)	1,1-Dichloroethylene (1,1-DCE)	cis-1,2-Dichloroethylene	Trichloroethylene (TCE)	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Total Naphthalenes	Sulfate
New Mexico Water Quality Control Commission Standard		**5**	**1000**	**700**	**620**	**25**	**7**	**70**	**5**	**30**			**30**	**600**
MW-8	4/24/2018	2.9	< 1.0	< 1.0	< 1.5	**63**	2.6	69	**28**	< 2.0	< 4.0	< 4.0	< 10	96
	7/2/2018	3.0	< 1.0	< 1.0	< 1.5	**61**	2.6	69	**25**	< 2.0	< 4.0	< 4.0	< 10	96
	11/14/2018	4.2	< 1.0	< 1.0	< 1.5	**40**	1.6	43	**18**	< 2.0	< 4.0	< 4.0	< 10	150
	3/21/2019	1.5	< 1.0	< 1.0	< 1.5	**32**	1.1	34	**15**	< 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	< 4.0	< 8.0	< 8.0	< 20	**30000**
	3/24/2020	2.5	< 1.0	< 1.0	< 1.5	**46**	1.9	50	**19**	< 4.0	< 8.0	< 8.0	< 20	**3100**
	6/2/2020	2.5	< 1.0	< 1.0	< 1.5	**46**	1.8	54	**20**	< 2.0	< 4.0	< 4.0	< 10	**1100**
	9/22/2020	2.2	< 1.0	< 1.0	< 1.5	**43**	2.0	51	**17**	< 2.0	< 4.0	< 4.0	< 10	340
	12/14/2020	2.8	< 1.0	< 1.0	< 1.5	**38**	1.6	61	**19**	< 2.0	< 4.0	< 4.0	< 10	290
	3/10/2021	3.1	< 1.0	< 1.0	< 1.5	**44**	1.6	68	**22**	< 2.0	< 4.0	< 4.0	< 10	270
	10/5/2021	3.1	< 1.0	< 1.0	< 1.5	**50**	2.1	**73**	**22**	< 2.0	< 4.0	< 4.0	< 10	150
MW-10	4/25/2017	**5,550**	10	490	**2,400**	< 10	**< 10**	< 10	**< 10**	**190**	**280**	**360**	**830**	13
	10/9/2017	**5,200**	<1.0	330	**2,100**	< 10	--	--	--	< 30	<30	< 30	< 30	**640**
	2/1/2018	**5,900**	23	390	**2,000**	< 5.0	< 5.0	< 5.0	< 5.0	51	30	34	116	**900**
	4/26/2018	**5,500**	< 20	340	**1,900**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	**26,000**
	11/14/2018	**5,100**	< 20	340	**2,300**	< 20	**< 20**	< 20	**< 20**	**< 40**	**< 80**	**< 80**	**< 200**	72
	3/20/2019	**6,300**	< 20	450	**2,900**	< 20	**< 20**	< 20	**< 20**	**44**	**< 80**	**< 80**	**44**	< 2.5
	6/28/2019	**4,900**	< 20	290	**1,900**	< 20	**< 20**	< 20	**< 20**	**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**	**45**	**< 80**	**< 80**	**45**	54
	6/22/2020	**6,200**	< 20	370	**2,400**	< 20	**< 20**	< 20	**< 20**	**41**	**< 80**	**< 80**	**41**	15
	9/22/2020	Not Sampled Due to Presence of LNAPL												
	12/14/2020													
	3/11/2021													
	10/5/2021													

Notes:

1) Total Naphthalenes = Naphthalene + 1-Methylnaphthalene + 2-Methylnaphthalene
6) Concentrations in Bold exceed the NMWQCC standard
7) ug/L = micgrograms per liter
8) mg/L = milligrams per liter

Appendices

Appendix A

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 26, 2021

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

RE: WT-1 OrderNo.: 2103700

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 18 sample(s) on 3/12/2021 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: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-001 **Collection Date:** 3/11/2021 10:00:00 AM
Client Sample ID: GW-11209238-031121-CN-MW-4 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	670	10	*	mg/L	20	3/15/2021 5:55:04 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Toluene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Naphthalene	ND	2.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 7:36:30 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 7:36:30 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 7:36:30 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2021 7:36:30 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 7:36:30 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 7:36:30 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/22/2021 7:36:30 PM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/22/2021 7:36:30 PM	A76133
Surr: 1,2-Dichloroethane-d4	97.9	70-130	%Rec	1	3/22/2021 7:36:30 PM	A76133
Surr: 4-Bromofluorobenzene	97.8	70-130	%Rec	1	3/22/2021 7:36:30 PM	A76133
Surr: Dibromofluoromethane	108	70-130	%Rec	1	3/22/2021 7:36:30 PM	A76133
Surr: Toluene-d8	102	70-130	%Rec	1	3/22/2021 7:36:30 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-002 **Collection Date:** 3/10/2021 2:00:00 PM
Client Sample ID: GW-11209238-031021-CN-MW-5 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	ND	2.5		mg/L	5	3/15/2021 6:08:35 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	15	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Toluene	2.6	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Ethylbenzene	6.3	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2,4-Trimethylbenzene	7.2	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,3,5-Trimethylbenzene	1.3	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Naphthalene	9.6	2.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
2-Methylnaphthalene	4.8	4.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 9:02:18 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 9:02:18 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 9:02:18 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
cis-1,2-DCE	37	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133
1,1-Dichloroethane	82	10		µg/L	10	3/23/2021 8:09:07 PM	R76148
1,1-Dichloroethene	1.5	1.0		µg/L	1	3/22/2021 9:02:18 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 9:02:18 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 9:02:18 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
n-Propylbenzene	1.1	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Trichloroethene (TCE)	23	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Vinyl chloride	1.1	1.0	µg/L	1	3/22/2021 9:02:18 PM	A76133
Xylenes, Total	8.7	1.5	µg/L	1	3/22/2021 9:02:18 PM	A76133
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	3/22/2021 9:02:18 PM	A76133
Surr: 4-Bromofluorobenzene	96.1	70-130	%Rec	1	3/22/2021 9:02:18 PM	A76133
Surr: Dibromofluoromethane	94.1	70-130	%Rec	1	3/22/2021 9:02:18 PM	A76133
Surr: Toluene-d8	99.6	70-130	%Rec	1	3/22/2021 9:02:18 PM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-003 **Collection Date:** 3/10/2021 2:30:00 PM
Client Sample ID: GW-11209238-031021-CN-MW-6 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	750	10	*	mg/L	20	3/15/2021 7:12:59 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Toluene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Naphthalene	ND	2.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 9:30:58 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 9:30:58 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 9:30:58 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
cis-1,2-DCE	1.5	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1-Dichloroethane	2.4	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2021 9:30:58 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 9:30:58 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 9:30:58 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Trichloroethene (TCE)	2.8	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/22/2021 9:30:58 PM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/22/2021 9:30:58 PM	A76133
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	3/22/2021 9:30:58 PM	A76133
Surr: 4-Bromofluorobenzene	96.1	70-130	%Rec	1	3/22/2021 9:30:58 PM	A76133
Surr: Dibromofluoromethane	104	70-130	%Rec	1	3/22/2021 9:30:58 PM	A76133
Surr: Toluene-d8	97.8	70-130	%Rec	1	3/22/2021 9:30:58 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-004 **Collection Date:** 3/10/2021 3:00:00 PM
Client Sample ID: GW-11209238-031021-CN-MW-7 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	410	10	*	mg/L	20	3/15/2021 7:38:44 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Toluene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Naphthalene	ND	2.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 9:59:39 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 9:59:39 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 9:59:39 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
cis-1,2-DCE	3.2	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1-Dichloroethane	6.4	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2021 9:59:39 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 9:59:39 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 9:59:39 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Trichloroethene (TCE)	1.6	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/22/2021 9:59:39 PM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/22/2021 9:59:39 PM	A76133
Surr: 1,2-Dichloroethane-d4	92.6	70-130	%Rec	1	3/22/2021 9:59:39 PM	A76133
Surr: 4-Bromofluorobenzene	97.7	70-130	%Rec	1	3/22/2021 9:59:39 PM	A76133
Surr: Dibromofluoromethane	103	70-130	%Rec	1	3/22/2021 9:59:39 PM	A76133
Surr: Toluene-d8	103	70-130	%Rec	1	3/22/2021 9:59:39 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-005 **Collection Date:** 3/10/2021 3:30:00 PM
Client Sample ID: GW-11209238-031021-CN-MW-8 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	270	10	*	mg/L	20	3/15/2021 8:04:31 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	3.1	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Toluene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Naphthalene	ND	2.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 10:28:15 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 10:28:15 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 10:28:15 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
cis-1,2-DCE	68	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1-Dichloroethane	44	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1-Dichloroethene	1.6	1.0		µg/L	1	3/22/2021 10:28:15 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 10:28:15 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 10:28:15 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Trichloroethene (TCE)	22	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Vinyl chloride	1.0	1.0	µg/L	1	3/22/2021 10:28:15 PM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/22/2021 10:28:15 PM	A76133
Surr: 1,2-Dichloroethane-d4	89.4	70-130	%Rec	1	3/22/2021 10:28:15 PM	A76133
Surr: 4-Bromofluorobenzene	99.4	70-130	%Rec	1	3/22/2021 10:28:15 PM	A76133
Surr: Dibromofluoromethane	98.1	70-130	%Rec	1	3/22/2021 10:28:15 PM	A76133
Surr: Toluene-d8	90.8	70-130	%Rec	1	3/22/2021 10:28:15 PM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-006 **Collection Date:** 3/11/2021 2:30:00 PM
Client Sample ID: GW-11209238-031121-CN-MW-13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	300	10	*	mg/L	20	3/15/2021 8:30:17 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Toluene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Naphthalene	ND	2.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 10:56:54 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 10:56:54 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 10:56:54 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2021 10:56:54 PM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 10:56:54 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 10:56:54 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/22/2021 10:56:54 PM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/22/2021 10:56:54 PM	A76133
Surr: 1,2-Dichloroethane-d4	94.3	70-130	%Rec	1	3/22/2021 10:56:54 PM	A76133
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	3/22/2021 10:56:54 PM	A76133
Surr: Dibromofluoromethane	105	70-130	%Rec	1	3/22/2021 10:56:54 PM	A76133
Surr: Toluene-d8	97.9	70-130	%Rec	1	3/22/2021 10:56:54 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-007 **Collection Date:** 3/10/2021 4:00:00 PM
Client Sample ID: GW-11209238-031021-CN-MW-14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	710	10	*	mg/L	20	3/15/2021 8:56:03 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Toluene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Naphthalene	ND	2.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Acetone	ND	10		µg/L	1	3/22/2021 11:25:35 PM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Bromoform	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Bromomethane	ND	3.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
2-Butanone	ND	10		µg/L	1	3/22/2021 11:25:35 PM	A76133
Carbon disulfide	ND	10		µg/L	1	3/22/2021 11:25:35 PM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Chloroethane	ND	2.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Chloroform	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Chloromethane	ND	3.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1-Dichloroethane	3.2	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/22/2021 11:25:35 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
2-Hexanone	ND	10	µg/L	1	3/22/2021 11:25:35 PM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/22/2021 11:25:35 PM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Styrene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/22/2021 11:25:35 PM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/22/2021 11:25:35 PM	A76133
Surr: 1,2-Dichloroethane-d4	88.0	70-130	%Rec	1	3/22/2021 11:25:35 PM	A76133
Surr: 4-Bromofluorobenzene	98.6	70-130	%Rec	1	3/22/2021 11:25:35 PM	A76133
Surr: Dibromofluoromethane	103	70-130	%Rec	1	3/22/2021 11:25:35 PM	A76133
Surr: Toluene-d8	96.4	70-130	%Rec	1	3/22/2021 11:25:35 PM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-008 **Collection Date:** 3/10/2021 5:00:00 PM
Client Sample ID: GW-11209238-031021-CN-MW-17 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	570	10	*	mg/L	20	3/15/2021 9:47:33 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Toluene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Naphthalene	ND	2.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Acetone	ND	10		µg/L	1	3/23/2021 1:19:57 AM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Bromoform	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Bromomethane	ND	3.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
2-Butanone	ND	10		µg/L	1	3/23/2021 1:19:57 AM	A76133
Carbon disulfide	ND	10		µg/L	1	3/23/2021 1:19:57 AM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Chloroethane	ND	2.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Chloroform	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Chloromethane	ND	3.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2021 1:19:57 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
2-Hexanone	ND	10	µg/L	1	3/23/2021 1:19:57 AM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/23/2021 1:19:57 AM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Styrene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/23/2021 1:19:57 AM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/23/2021 1:19:57 AM	A76133
Surr: 1,2-Dichloroethane-d4	96.3	70-130	%Rec	1	3/23/2021 1:19:57 AM	A76133
Surr: 4-Bromofluorobenzene	98.1	70-130	%Rec	1	3/23/2021 1:19:57 AM	A76133
Surr: Dibromofluoromethane	107	70-130	%Rec	1	3/23/2021 1:19:57 AM	A76133
Surr: Toluene-d8	99.2	70-130	%Rec	1	3/23/2021 1:19:57 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-009 **Collection Date:** 3/11/2021 9:30:00 AM
Client Sample ID: GW-11209238-031121-CN-SVE-1A **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	630	10	*	mg/L	20	3/15/2021 10:13:19 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	19	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Toluene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Ethylbenzene	9.6	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Naphthalene	16	4.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
2-Methylnaphthalene	8.4	8.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Acetone	ND	20		µg/L	2	3/23/2021 8:37:51 PM	R7614
Bromobenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Bromodichloromethane	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Bromoform	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Bromomethane	ND	6.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
2-Butanone	ND	20		µg/L	2	3/23/2021 8:37:51 PM	R7614
Carbon disulfide	ND	20		µg/L	2	3/23/2021 8:37:51 PM	R7614
Carbon Tetrachloride	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Chlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Chloroethane	ND	4.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Chloroform	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Chloromethane	ND	6.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
2-Chlorotoluene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
4-Chlorotoluene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
cis-1,2-DCE	120	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Dibromochloromethane	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Dibromomethane	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,3-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,4-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
Dichlorodifluoromethane	ND	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1-Dichloroethane	150	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1-Dichloroethene	3.1	2.0		µg/L	2	3/23/2021 8:37:51 PM	R7614

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,3-Dichloropropane	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
2,2-Dichloropropane	ND	4.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1-Dichloropropene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Hexachlorobutadiene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
2-Hexanone	ND	20	µg/L	2	3/23/2021 8:37:51 PM	R7614
Isopropylbenzene	2.9	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
4-Isopropyltoluene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
4-Methyl-2-pentanone	ND	20	µg/L	2	3/23/2021 8:37:51 PM	R7614
Methylene Chloride	ND	6.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
n-Butylbenzene	ND	6.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
n-Propylbenzene	2.8	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
sec-Butylbenzene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Styrene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
tert-Butylbenzene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1,2,2-Tetrachloroethane	ND	4.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Tetrachloroethene (PCE)	3.9	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
trans-1,2-DCE	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
trans-1,3-Dichloropropene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2,3-Trichlorobenzene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1,1-Trichloroethane	5.0	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,1,2-Trichloroethane	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Trichloroethene (TCE)	11	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Trichlorofluoromethane	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
1,2,3-Trichloropropane	ND	4.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Vinyl chloride	ND	2.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Xylenes, Total	ND	3.0	µg/L	2	3/23/2021 8:37:51 PM	R7614
Surr: 1,2-Dichloroethane-d4	91.6	70-130	%Rec	2	3/23/2021 8:37:51 PM	R7614
Surr: 4-Bromofluorobenzene	94.1	70-130	%Rec	2	3/23/2021 8:37:51 PM	R7614
Surr: Dibromofluoromethane	107	70-130	%Rec	2	3/23/2021 8:37:51 PM	R7614
Surr: Toluene-d8	97.0	70-130	%Rec	2	3/23/2021 8:37:51 PM	R7614

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-010 **Collection Date:** 3/11/2021 12:30:00 PM
Client Sample ID: GW-11209238-031121-CN-SVE-1 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	26	2.5		mg/L	5	3/15/2021 10:26:12 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	7.8	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Toluene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Ethylbenzene	4.7	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Naphthalene	ND	2.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Acetone	ND	10		µg/L	1	3/23/2021 9:06:33 PM	R7614
Bromobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Bromoform	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Bromomethane	ND	3.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
2-Butanone	ND	10		µg/L	1	3/23/2021 9:06:33 PM	R7614
Carbon disulfide	ND	10		µg/L	1	3/23/2021 9:06:33 PM	R7614
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Chlorobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Chloroethane	ND	2.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Chloroform	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Chloromethane	ND	3.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Dibromomethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,3-Dichloropropane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
2,2-Dichloropropane	ND	2.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Hexachlorobutadiene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
2-Hexanone	ND	10		µg/L	1	3/23/2021 9:06:33 PM	R7614
Isopropylbenzene	1.8	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
4-Isopropyltoluene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
4-Methyl-2-pentanone	ND	10		µg/L	1	3/23/2021 9:06:33 PM	R7614
Methylene Chloride	ND	3.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
n-Butylbenzene	ND	3.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
n-Propylbenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
sec-Butylbenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Styrene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
tert-Butylbenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
trans-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Trichlorofluoromethane	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Vinyl chloride	ND	1.0		µg/L	1	3/23/2021 9:06:33 PM	R7614
Xylenes, Total	ND	1.5		µg/L	1	3/23/2021 9:06:33 PM	R7614
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	1	3/23/2021 9:06:33 PM	R7614
Surr: 4-Bromofluorobenzene	198	70-130	S	%Rec	1	3/23/2021 9:06:33 PM	R7614
Surr: Dibromofluoromethane	100	70-130		%Rec	1	3/23/2021 9:06:33 PM	R7614
Surr: Toluene-d8	104	70-130		%Rec	1	3/23/2021 9:06:33 PM	R7614

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-011 **Collection Date:** 3/11/2021 11:00:00 AM
Client Sample ID: GW-11209238-031121-CN-SVE-5 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MH**	
Sulfate	15000	250	*	mg/L	500	3/20/2021 3:55:36 PM	R7610(
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	400	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Toluene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Ethylbenzene	62	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2,4-Trimethylbenzene	140	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,3,5-Trimethylbenzene	22	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2-Dichloroethane (EDC)	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2-Dibromoethane (EDB)	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Naphthalene	24	10	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1-Methylnaphthalene	ND	20	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
2-Methylnaphthalene	24	20	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Acetone	220	50	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Bromobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Bromodichloromethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Bromoform	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Bromomethane	ND	15	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
2-Butanone	95	50	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Carbon disulfide	ND	50	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Carbon Tetrachloride	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Chlorobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Chloroethane	ND	10	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Chloroform	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Chloromethane	ND	15	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
2-Chlorotoluene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
4-Chlorotoluene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
cis-1,2-DCE	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
cis-1,3-Dichloropropene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2-Dibromo-3-chloropropane	ND	10	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Dibromochloromethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Dibromomethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2-Dichlorobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,3-Dichlorobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,4-Dichlorobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Dichlorodifluoromethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1-Dichloroethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1-Dichloroethene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,3-Dichloropropane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
2,2-Dichloropropane	ND	10	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1-Dichloropropene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Hexachlorobutadiene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
2-Hexanone	ND	50	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Isopropylbenzene	14	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
4-Isopropyltoluene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
4-Methyl-2-pentanone	ND	50	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Methylene Chloride	ND	15	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
n-Butylbenzene	ND	15	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
n-Propylbenzene	16	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
sec-Butylbenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Styrene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
tert-Butylbenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1,1,2-Tetrachloroethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1,2,2-Tetrachloroethane	ND	10	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Tetrachloroethene (PCE)	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
trans-1,2-DCE	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
trans-1,3-Dichloropropene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2,3-Trichlorobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2,4-Trichlorobenzene	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1,1-Trichloroethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,1,2-Trichloroethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Trichloroethene (TCE)	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Trichlorofluoromethane	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
1,2,3-Trichloropropane	ND	10	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Vinyl chloride	ND	5.0	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Xylenes, Total	240	7.5	P	µg/L	5	3/23/2021 3:43:02 AM	A76133
Surr: 1,2-Dichloroethane-d4	104	70-130	P	%Rec	5	3/23/2021 3:43:02 AM	A76133
Surr: 4-Bromofluorobenzene	94.2	70-130	P	%Rec	5	3/23/2021 3:43:02 AM	A76133
Surr: Dibromofluoromethane	97.6	70-130	P	%Rec	5	3/23/2021 3:43:02 AM	A76133
Surr: Toluene-d8	98.6	70-130	P	%Rec	5	3/23/2021 3:43:02 AM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-012 **Collection Date:** 3/11/2021 1:00:00 PM
Client Sample ID: GW-11209238-031121-CN-SVE-7 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	870	10	*	mg/L	20	3/15/2021 11:30:33 PM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Toluene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Naphthalene	ND	2.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Acetone	ND	10		µg/L	1	3/23/2021 4:40:08 AM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Bromoform	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Bromomethane	ND	3.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
2-Butanone	ND	10		µg/L	1	3/23/2021 4:40:08 AM	A76133
Carbon disulfide	ND	10		µg/L	1	3/23/2021 4:40:08 AM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Chloroethane	ND	2.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Chloroform	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Chloromethane	ND	3.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2021 4:40:08 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
2-Hexanone	ND	10	µg/L	1	3/23/2021 4:40:08 AM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/23/2021 4:40:08 AM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Styrene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/23/2021 4:40:08 AM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/23/2021 4:40:08 AM	A76133
Surr: 1,2-Dichloroethane-d4	92.1	70-130	%Rec	1	3/23/2021 4:40:08 AM	A76133
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	3/23/2021 4:40:08 AM	A76133
Surr: Dibromofluoromethane	107	70-130	%Rec	1	3/23/2021 4:40:08 AM	A76133
Surr: Toluene-d8	97.1	70-130	%Rec	1	3/23/2021 4:40:08 AM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-013 **Collection Date:** 3/11/2021 2:00:00 PM
Client Sample ID: GW-11209238-031121-CN-SVE-8 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Sulfate	920	25	*	mg/L	50	3/17/2021 12:31:57 PM	R76027
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Toluene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Naphthalene	ND	2.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Acetone	ND	10		µg/L	1	3/23/2021 5:08:40 AM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Bromoform	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Bromomethane	ND	3.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
2-Butanone	ND	10		µg/L	1	3/23/2021 5:08:40 AM	A76133
Carbon disulfide	ND	10		µg/L	1	3/23/2021 5:08:40 AM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Chloroethane	ND	2.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Chloroform	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Chloromethane	ND	3.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Dibromomethane	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2021 5:08:40 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
2-Hexanone	ND	10	µg/L	1	3/23/2021 5:08:40 AM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/23/2021 5:08:40 AM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Styrene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/23/2021 5:08:40 AM	A76133
Xylenes, Total	ND	1.5	µg/L	1	3/23/2021 5:08:40 AM	A76133
Surr: 1,2-Dichloroethane-d4	105	70-130	%Rec	1	3/23/2021 5:08:40 AM	A76133
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	3/23/2021 5:08:40 AM	A76133
Surr: Dibromofluoromethane	106	70-130	%Rec	1	3/23/2021 5:08:40 AM	A76133
Surr: Toluene-d8	101	70-130	%Rec	1	3/23/2021 5:08:40 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-014 **Collection Date:** 3/11/2021 1:30:00 PM
Client Sample ID: GW-11209238-031121-CN-SVE-9 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	860	10	*	mg/L	20	3/16/2021 12:47:49 AM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	12	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Toluene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Naphthalene	ND	2.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Acetone	11	10		µg/L	1	3/23/2021 5:37:14 AM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Bromoform	1.5	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Bromomethane	ND	3.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
2-Butanone	ND	10		µg/L	1	3/23/2021 5:37:14 AM	A76133
Carbon disulfide	ND	10		µg/L	1	3/23/2021 5:37:14 AM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Chloroethane	ND	2.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Chloroform	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Chloromethane	ND	3.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Dibromomethane	3.7	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2021 5:37:14 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
2-Hexanone	ND	10	µg/L	1	3/23/2021 5:37:14 AM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/23/2021 5:37:14 AM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Styrene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/23/2021 5:37:14 AM	A76133
Xylenes, Total	1.9	1.5	µg/L	1	3/23/2021 5:37:14 AM	A76133
Surr: 1,2-Dichloroethane-d4	91.4	70-130	%Rec	1	3/23/2021 5:37:14 AM	A76133
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	3/23/2021 5:37:14 AM	A76133
Surr: Dibromofluoromethane	102	70-130	%Rec	1	3/23/2021 5:37:14 AM	A76133
Surr: Toluene-d8	99.1	70-130	%Rec	1	3/23/2021 5:37:14 AM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-015 **Collection Date:** 3/11/2021 11:30:00 AM
Client Sample ID: GW-11209238-031121-CN-SVE-12 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Sulfate	4900	100	*	mg/L	200	3/17/2021 12:44:49 PM	R76027
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	2900	200	P	µg/L	200	3/23/2021 6:05:50 AM	A76133
Toluene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Ethylbenzene	250	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2,4-Trimethylbenzene	120	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,3,5-Trimethylbenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2-Dichloroethane (EDC)	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2-Dibromoethane (EDB)	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Naphthalene	ND	40	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1-Methylnaphthalene	ND	80	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
2-Methylnaphthalene	ND	80	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Acetone	ND	200	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Bromobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Bromodichloromethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Bromoform	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Bromomethane	ND	60	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
2-Butanone	ND	200	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Carbon disulfide	ND	200	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Carbon Tetrachloride	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Chlorobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Chloroethane	ND	40	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Chloroform	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Chloromethane	ND	60	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
2-Chlorotoluene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
4-Chlorotoluene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
cis-1,2-DCE	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
cis-1,3-Dichloropropene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2-Dibromo-3-chloropropane	ND	40	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Dibromochloromethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Dibromomethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2-Dichlorobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,3-Dichlorobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,4-Dichlorobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Dichlorodifluoromethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1-Dichloroethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1-Dichloroethene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,3-Dichloropropane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
2,2-Dichloropropane	ND	40	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1-Dichloropropene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Hexachlorobutadiene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
2-Hexanone	ND	200	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Isopropylbenzene	25	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
4-Isopropyltoluene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
4-Methyl-2-pentanone	ND	200	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Methylene Chloride	ND	60	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
n-Butylbenzene	ND	60	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
n-Propylbenzene	35	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
sec-Butylbenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Styrene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
tert-Butylbenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1,1,2-Tetrachloroethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1,2,2-Tetrachloroethane	ND	40	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Tetrachloroethene (PCE)	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
trans-1,2-DCE	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
trans-1,3-Dichloropropene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2,3-Trichlorobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2,4-Trichlorobenzene	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1,1-Trichloroethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,1,2-Trichloroethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Trichloroethene (TCE)	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Trichlorofluoromethane	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
1,2,3-Trichloropropane	ND	40	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Vinyl chloride	ND	20	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Xylenes, Total	170	30	P	µg/L	20	3/23/2021 6:34:26 AM	A76133
Surr: 1,2-Dichloroethane-d4	92.9	70-130	P	%Rec	20	3/23/2021 6:34:26 AM	A76133
Surr: 4-Bromofluorobenzene	104	70-130	P	%Rec	20	3/23/2021 6:34:26 AM	A76133
Surr: Dibromofluoromethane	106	70-130	P	%Rec	20	3/23/2021 6:34:26 AM	A76133
Surr: Toluene-d8	98.8	70-130	P	%Rec	20	3/23/2021 6:34:26 AM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-016 **Collection Date:** 3/11/2021 12:00:00 PM
Client Sample ID: GW-11209238-031121-CN-SVE-13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	560	10	*	mg/L	20	3/16/2021 1:39:18 AM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	460	20		µg/L	20	3/23/2021 7:03:02 AM	A76133
Toluene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Ethylbenzene	2.8	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,3,5-Trimethylbenzene	4.8	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Naphthalene	ND	4.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
2-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Acetone	ND	20		µg/L	2	3/23/2021 7:31:39 AM	A76133
Bromobenzene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Bromodichloromethane	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Bromoform	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Bromomethane	ND	6.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
2-Butanone	ND	20		µg/L	2	3/23/2021 7:31:39 AM	A76133
Carbon disulfide	ND	20		µg/L	2	3/23/2021 7:31:39 AM	A76133
Carbon Tetrachloride	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Chlorobenzene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Chloroethane	ND	4.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Chloroform	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Chloromethane	ND	6.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
2-Chlorotoluene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
4-Chlorotoluene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
cis-1,2-DCE	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Dibromochloromethane	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Dibromomethane	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,3-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,4-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
Dichlorodifluoromethane	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1-Dichloroethane	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1-Dichloroethene	ND	2.0		µg/L	2	3/23/2021 7:31:39 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,3-Dichloropropane	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
2,2-Dichloropropane	ND	4.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1-Dichloropropene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Hexachlorobutadiene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
2-Hexanone	ND	20	µg/L	2	3/23/2021 7:31:39 AM	A76133
Isopropylbenzene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
4-Isopropyltoluene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
4-Methyl-2-pentanone	ND	20	µg/L	2	3/23/2021 7:31:39 AM	A76133
Methylene Chloride	ND	6.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
n-Butylbenzene	ND	6.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
n-Propylbenzene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
sec-Butylbenzene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Styrene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
tert-Butylbenzene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1,2,2-Tetrachloroethane	ND	4.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Tetrachloroethene (PCE)	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
trans-1,2-DCE	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
trans-1,3-Dichloropropene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2,3-Trichlorobenzene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1,1-Trichloroethane	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,1,2-Trichloroethane	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Trichloroethene (TCE)	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Trichlorofluoromethane	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
1,2,3-Trichloropropane	ND	4.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Vinyl chloride	ND	2.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Xylenes, Total	10	3.0	µg/L	2	3/23/2021 7:31:39 AM	A76133
Surr: 1,2-Dichloroethane-d4	100	70-130	%Rec	2	3/23/2021 7:31:39 AM	A76133
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	2	3/23/2021 7:31:39 AM	A76133
Surr: Dibromofluoromethane	102	70-130	%Rec	2	3/23/2021 7:31:39 AM	A76133
Surr: Toluene-d8	97.5	70-130	%Rec	2	3/23/2021 7:31:39 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-017 **Collection Date:** 3/11/2021 10:30:00 AM
Client Sample ID: GW-11209238-031121-CN-SVE-14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	550	10	*	mg/L	20	3/16/2021 2:05:05 AM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	27	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Toluene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Ethylbenzene	19	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2,4-Trimethylbenzene	25	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,3,5-Trimethylbenzene	28	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Naphthalene	ND	4.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
2-Methylnaphthalene	ND	8.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Acetone	ND	20		µg/L	2	3/23/2021 8:00:15 AM	A76133
Bromobenzene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Bromodichloromethane	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Bromoform	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Bromomethane	ND	6.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
2-Butanone	ND	20		µg/L	2	3/23/2021 8:00:15 AM	A76133
Carbon disulfide	ND	20		µg/L	2	3/23/2021 8:00:15 AM	A76133
Carbon Tetrachloride	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Chlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Chloroethane	ND	4.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Chloroform	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Chloromethane	ND	6.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
2-Chlorotoluene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
4-Chlorotoluene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
cis-1,2-DCE	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Dibromochloromethane	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Dibromomethane	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,3-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,4-Dichlorobenzene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
Dichlorodifluoromethane	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1-Dichloroethane	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1-Dichloroethene	ND	2.0		µg/L	2	3/23/2021 8:00:15 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,3-Dichloropropane	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
2,2-Dichloropropane	ND	4.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1-Dichloropropene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Hexachlorobutadiene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
2-Hexanone	ND	20	µg/L	2	3/23/2021 8:00:15 AM	A76133
Isopropylbenzene	8.0	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
4-Isopropyltoluene	2.7	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
4-Methyl-2-pentanone	ND	20	µg/L	2	3/23/2021 8:00:15 AM	A76133
Methylene Chloride	ND	6.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
n-Butylbenzene	ND	6.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
n-Propylbenzene	8.9	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
sec-Butylbenzene	3.6	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Styrene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
tert-Butylbenzene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1,2,2-Tetrachloroethane	ND	4.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Tetrachloroethene (PCE)	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
trans-1,2-DCE	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
trans-1,3-Dichloropropene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2,3-Trichlorobenzene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1,1-Trichloroethane	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,1,2-Trichloroethane	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Trichloroethene (TCE)	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Trichlorofluoromethane	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
1,2,3-Trichloropropane	ND	4.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Vinyl chloride	ND	2.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Xylenes, Total	13	3.0	µg/L	2	3/23/2021 8:00:15 AM	A76133
Surr: 1,2-Dichloroethane-d4	115	70-130	%Rec	2	3/23/2021 8:00:15 AM	A76133
Surr: 4-Bromofluorobenzene	95.5	70-130	%Rec	2	3/23/2021 8:00:15 AM	A76133
Surr: Dibromofluoromethane	97.7	70-130	%Rec	2	3/23/2021 8:00:15 AM	A76133
Surr: Toluene-d8	91.7	70-130	%Rec	2	3/23/2021 8:00:15 AM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

Lab ID: 2103700-018 **Collection Date:** 3/11/2021
Client Sample ID: GW-11209238-031121-CN-DUP **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	860	10	*	mg/L	20	3/16/2021 3:22:27 AM	R75952
EPA METHOD 8260B: VOLATILES						Analyst: **JMR**	
Benzene	12	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Toluene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Ethylbenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Naphthalene	ND	2.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
2-Methylnaphthalene	ND	4.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Acetone	15	10		µg/L	1	3/23/2021 8:28:51 AM	A76133
Bromobenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Bromodichloromethane	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Bromoform	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Bromomethane	ND	3.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
2-Butanone	ND	10		µg/L	1	3/23/2021 8:28:51 AM	A76133
Carbon disulfide	ND	10		µg/L	1	3/23/2021 8:28:51 AM	A76133
Carbon Tetrachloride	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Chlorobenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Chloroethane	ND	2.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Chloroform	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Chloromethane	ND	3.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
2-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
4-Chlorotoluene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
cis-1,2-DCE	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Dibromochloromethane	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Dibromomethane	5.0	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1-Dichloroethane	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1-Dichloroethene	ND	1.0		µg/L	1	3/23/2021 8:28:51 AM	A76133

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Analytical Report
Lab Order: **2103700**
Date Reported: **3/26/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 2103700
Project: WT-1

EPA METHOD 8260B: VOLATILES Analyst: **JMR**

1,2-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,3-Dichloropropane	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
2,2-Dichloropropane	ND	2.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Hexachlorobutadiene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
2-Hexanone	ND	10	µg/L	1	3/23/2021 8:28:51 AM	A76133
Isopropylbenzene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
4-Isopropyltoluene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
4-Methyl-2-pentanone	ND	10	µg/L	1	3/23/2021 8:28:51 AM	A76133
Methylene Chloride	ND	3.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
n-Butylbenzene	ND	3.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
n-Propylbenzene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
sec-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Styrene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
tert-Butylbenzene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
trans-1,2-DCE	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Trichlorofluoromethane	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Vinyl chloride	ND	1.0	µg/L	1	3/23/2021 8:28:51 AM	A76133
Xylenes, Total	1.9	1.5	µg/L	1	3/23/2021 8:28:51 AM	A76133
Surr: 1,2-Dichloroethane-d4	94.1	70-130	%Rec	1	3/23/2021 8:28:51 AM	A76133
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	3/23/2021 8:28:51 AM	A76133
Surr: Dibromofluoromethane	98.5	70-130	%Rec	1	3/23/2021 8:28:51 AM	A76133
Surr: Toluene-d8	97.4	70-130	%Rec	1	3/23/2021 8:28:51 AM	A76133

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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2103700**
26-Mar-21

Client: GHD
Project: WT-1

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R75952**	RunNo: **75952**							
Prep Date:	Analysis Date: **3/15/2021**	SeqNo: **2687806**	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: **R75952**	RunNo: **75952**							
Prep Date:	Analysis Date: **3/15/2021**	SeqNo: **2687807**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.6	0.50	10.00	0	96.1	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R76027**	RunNo: **76027**							
Prep Date:	Analysis Date: **3/17/2021**	SeqNo: **2691210**	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: **R76027**	RunNo: **76027**							
Prep Date:	Analysis Date: **3/17/2021**	SeqNo: **2691222**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.6	0.50	10.00	0	95.9	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R76100**	RunNo: **76100**							
Prep Date:	Analysis Date: **3/20/2021**	SeqNo: **2694279**	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: **R76100**	RunNo: **76100**							
Prep Date:	Analysis Date: **3/20/2021**	SeqNo: **2694280**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.8	0.50	10.00	0	98.3	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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2103700**
26-Mar-21

Client: GHD
Project: WT-1

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **A76133**	RunNo: **76133**
Prep Date:	Analysis Date: **3/22/2021**	SeqNo: **2695471** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.6	70	130			
Toluene	20	1.0	20.00	0	99.8	70	130			
Chlorobenzene	20	1.0	20.00	0	98.6	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	112	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	90.6	70	130			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		95.4	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.9	70	130			
Surr: Dibromofluoromethane	9.5		10.00		94.6	70	130			
Surr: Toluene-d8	9.9		10.00		99.2	70	130			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **A76133**	RunNo: **76133**
Prep Date:	Analysis Date: **3/22/2021**	SeqNo: **2695472** 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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2103700**
26-Mar-21

Client: GHD
Project: WT-1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **A76133**	RunNo: **76133**
Prep Date:	Analysis Date: **3/22/2021**	SeqNo: **2695472** 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
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2103700**
26-Mar-21

Client: GHD
Project: WT-1

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **A76133**	RunNo: **76133**
Prep Date:	Analysis Date: **3/22/2021**	SeqNo: **2695472** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.9	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.4		10.00		93.5	70	130			

Sample ID: **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **A76148**	RunNo: **76148**
Prep Date:	Analysis Date: **3/23/2021**	SeqNo: **2696164** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.3		10.00		93.1	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.0	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.8		10.00		98.0	70	130			

Sample ID: **vsb fridge**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **A76148**	RunNo: **76148**
Prep Date:	Analysis Date: **3/23/2021**	SeqNo: **2696165** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.2	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.4	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Sample ID: **2103700-001ams**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-11209238-03112**	Batch ID: **R76148**	RunNo: **76148**
Prep Date:	Analysis Date: **3/23/2021**	SeqNo: **2696528** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	70	130			
Toluene	20	1.0	20.00	0	98.7	70	130			
Chlorobenzene	20	1.0	20.00	0	98.2	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	110	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	94.9	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.0	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **2103700**
26-Mar-21

Client: GHD
Project: WT-1

Sample ID: **2103700-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-11209238-03112** Batch ID: **R76148** RunNo: **76148**
Prep Date: Analysis Date: **3/23/2021** SeqNo: **2696528** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Toluene-d8	9.5		10.00		94.6	70	130			

Sample ID: **2103700-001amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-11209238-03112** Batch ID: **R76148** RunNo: **76148**
Prep Date: Analysis Date: **3/23/2021** SeqNo: **2696529** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.1	70	130	10.5	20	
Toluene	17	1.0	20.00	0	86.2	70	130	13.6	20	
Chlorobenzene	18	1.0	20.00	0	89.6	70	130	9.17	20	
1,1-Dichloroethene	21	1.0	20.00	0	103	70	130	6.43	20	
Trichloroethene (TCE)	17	1.0	20.00	0	84.2	70	130	12.0	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.9		10.00		99.3	70	130	0	0	
Surr: Dibromofluoromethane	9.8		10.00		97.9	70	130	0	0	
Surr: Toluene-d8	9.5		10.00		94.5	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 range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting 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: 2103700 RcptNo: 1

Received By: Sean Livingston 3/12/2021 4:40:00 PM

Completed By: Cheyenne Cason 3/15/2021 8:19:12 AM

Reviewed By: SGC 3/15/21

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 ☐	
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: DAD 3/15/21

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	4.2	Good				
2	4.5	Good				

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 #: 1120923B

Project Manager: Christine Mathews

Sampler: CN

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): 4.2±0=4.2 (°C) 4.5±0=4.5°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. 2103700	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 8260	Sulfate 300				
3-11-21	1000	WT	GW-1120923B-031121-CN-MW-4	various	HCl	001											X	X				
3-10-21	1400		GW-1120923B-031021-CN-MW-5			002											X	X				
3-10-21	1430		GW-1120923B-031021-CN-MW-6			003											X	X				
3-10-21	1500		GW-1120923B-031021-CN-MW-7			004											X	X				
3-10-21	1530		GW-1120923B-031021-CN-MW-8			005											X	X				
3-11-21	1430		GW-1120923B-031121-CN-MW-13			006											X	X				
3-10-21	1600		GW-1120923B-031021-CN-MW-14			007											X	X				
3-10-21	1700		GW-1120923B-031021-CN-MW-17			008											X	X				
3-11-21	~~0930~~ 0930		GW-1120923B-031121-CN-SVE-1A			009											X	X				
3-11-21	1230		GW-1120923B-031121-CN-SVE-1			~~002~~ 010											X	X				
3-4-21	1100		GW-1120923B-030421-CN-SVE-5			011											X	X				
3-11-21	1300		GW-1120923B-031121-CN-SVE-7			012											X	X				

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
3-11-21	1430				3/11/21	1430
3/11/21	1900		SGC Courier		3/12/21	16:40

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 #: 11209238

Project Manager: Christine Mathews

Sampler: CN

On Ice: ☑ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 4.2 +0 = 4.2 (°C)

4.5 +0 = 4.5

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.	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 8260	Sulfate EPA 300				
3-11-21	1400	WT	GW-11209238-031121-CN-SVE-8	VARIOUS	HCl	013											X	X				
3-11-21	1330		GW-11209238-031121-CN-SVE-9			014											X	X				
3-11-21	1130		GW-11209238-031121-CN-SVE-12			015											X	X				
3-11-21	1200		GW-11209238-031121-CN-SVE-13			016											X	X				
3-11-21	1030		GW-11209238-031121-CN-SVE-14			017											X	X				
3-11-21	—	↓	GW-11209238-031121-CN-DUP	↓	↓	018											X	X				

Date: 3-11-21 Time: 1430 Relinquished by:

Received by: Via: Date Time 3/11/21 1430

Date: 3/11/21 Time: 1900 Relinquished by:

Received by: SEL COURIER Via: Date Time 3/12/21 16:40

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.

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

February 16, 2022

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

RE: WT 1 OrderNo.: 2110262

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 15 sample(s) on 10/6/2021 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued October 20, 2021.

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-5
Project: WT 1
Collection Date: 10/5/2021 9:45:00 AM
Lab ID: 2110262-001 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	7.5	5.0		mg/L	10	10/8/2021 4:07:25 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	5.7	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Ethylbenzene	2.1	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2,4-Trimethylbenzene	3.2	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Naphthalene	3.5	2.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 1:50:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 1:50:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 1:50:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
cis-1,2-DCE	17	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1-Dichloroethane	130	1.0	E	µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1-Dichloroethene	1.9	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-5
Project: WT 1
Collection Date: 10/5/2021 9:45:00 AM
Lab ID: 2110262-001 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 1:50:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 1:50:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Tetrachloroethene (PCE)	1.1	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1,1-Trichloroethane	1.1	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Trichloroethene (TCE)	25	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 1:50:00 PM	R81970
Xylenes, Total	3.2	1.5		µg/L	1	10/12/2021 1:50:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	96.8	70-130		%Rec	1	10/12/2021 1:50:00 PM	R81970
Surr: 4-Bromofluorobenzene	95.5	70-130		%Rec	1	10/12/2021 1:50:00 PM	R81970
Surr: Dibromofluoromethane	101	70-130		%Rec	1	10/12/2021 1:50:00 PM	R81970
Surr: Toluene-d8	96.7	70-130		%Rec	1	10/12/2021 1:50:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-6
Project: WT 1
Collection Date: 10/5/2021 10:45:00 AM
Lab ID: 2110262-002 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	670	50	*	mg/L	100	10/8/2021 5:11:46 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 2:59:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 2:59:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 2:59:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
cis-1,2-DCE	1.3	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1-Dichloroethane	3.2	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-6
Project: WT 1
Collection Date: 10/5/2021 10:45:00 AM
Lab ID: 2110262-002 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 2:59:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 2:59:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Trichloroethene (TCE)	2.4	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 2:59:00 PM	R81970
Xylenes, Total	ND	1.5		µg/L	1	10/12/2021 2:59:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	10/12/2021 2:59:00 PM	R81970
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	10/12/2021 2:59:00 PM	R81970
Surr: Dibromofluoromethane	105	70-130		%Rec	1	10/12/2021 2:59:00 PM	R81970
Surr: Toluene-d8	98.4	70-130		%Rec	1	10/12/2021 2:59:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-7
Project: WT 1
Collection Date: 10/5/2021 10:15:00 AM
Lab ID: 2110262-003 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	430	5.0	*	mg/L	10	10/8/2021 5:24:38 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 3:23:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 3:23:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 3:23:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
cis-1,2-DCE	3.9	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1-Dichloroethane	9.5	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-7
Project: WT 1
Collection Date: 10/5/2021 10:15:00 AM
Lab ID: 2110262-003 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 3:23:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 3:23:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Trichloroethene (TCE)	1.4	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 3:23:00 PM	R81970
Xylenes, Total	ND	1.5		µg/L	1	10/12/2021 3:23:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	10/12/2021 3:23:00 PM	R81970
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	10/12/2021 3:23:00 PM	R81970
Surr: Dibromofluoromethane	104	70-130		%Rec	1	10/12/2021 3:23:00 PM	R81970
Surr: Toluene-d8	96.9	70-130		%Rec	1	10/12/2021 3:23:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-8
Project: WT 1
Collection Date: 10/5/2021 11:15:00 AM
Lab ID: 2110262-004 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	150	5.0		mg/L	10	10/8/2021 5:50:23 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	3.1	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 3:46:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 3:46:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 3:46:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
cis-1,2-DCE	73	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1-Dichloroethane	50	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1-Dichloroethene	2.1	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-MW-8
Project: WT 1
Collection Date: 10/5/2021 11:15:00 AM
Lab ID: 2110262-004 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 3:46:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 3:46:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Trichloroethene (TCE)	22	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 3:46:00 PM	R81970
Xylenes, Total	ND	1.5		µg/L	1	10/12/2021 3:46:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	10/12/2021 3:46:00 PM	R81970
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	10/12/2021 3:46:00 PM	R81970
Surr: Dibromofluoromethane	102	70-130		%Rec	1	10/12/2021 3:46:00 PM	R81970
Surr: Toluene-d8	99.3	70-130		%Rec	1	10/12/2021 3:46:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-1
Project: WT 1
Collection Date: 10/5/2021 2:45:00 PM
Lab ID: 2110262-005 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	43	5.0		mg/L	10	10/8/2021 6:41:53 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	2.3	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Ethylbenzene	1.1	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2,4-Trimethylbenzene	1.5	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 4:09:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 4:09:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 4:09:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-1
Project: WT 1
Collection Date: 10/5/2021 2:45:00 PM
Lab ID: 2110262-005 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 4:09:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 4:09:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 4:09:00 PM	R81970
Xylenes, Total	1.5	1.5		µg/L	1	10/12/2021 4:09:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	98.7	70-130		%Rec	1	10/12/2021 4:09:00 PM	R81970
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	10/12/2021 4:09:00 PM	R81970
Surr: Dibromofluoromethane	102	70-130		%Rec	1	10/12/2021 4:09:00 PM	R81970
Surr: Toluene-d8	95.0	70-130		%Rec	1	10/12/2021 4:09:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-11209238-100521-CN-SVE-1A
Project: WT 1 **Collection Date:** 10/5/2021 9:15:00 AM
Lab ID: 2110262-006 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	100	5.0		mg/L	10	10/8/2021 7:33:31 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	24	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Toluene	4.5	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Ethylbenzene	12	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Naphthalene	12	4.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1-Methylnaphthalene	ND	8.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
2-Methylnaphthalene	ND	8.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Acetone	ND	20		µg/L	2	10/12/2021 4:56:00 PM	R81970
Bromobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Bromodichloromethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Bromoform	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Bromomethane	ND	6.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
2-Butanone	ND	20		µg/L	2	10/12/2021 4:56:00 PM	R81970
Carbon disulfide	ND	20		µg/L	2	10/12/2021 4:56:00 PM	R81970
Carbon Tetrachloride	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Chlorobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Chloroethane	ND	4.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Chloroform	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Chloromethane	ND	6.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
2-Chlorotoluene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
4-Chlorotoluene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
cis-1,2-DCE	370	20		µg/L	20	10/12/2021 4:33:00 PM	R81970
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Dibromochloromethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Dibromomethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2-Dichlorobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,3-Dichlorobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,4-Dichlorobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Dichlorodifluoromethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,1-Dichloroethane	360	20		µg/L	20	10/12/2021 4:33:00 PM	R81970
1,1-Dichloroethene	9.1	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2-Dichloropropane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-1A
Project: WT 1
Collection Date: 10/5/2021 9:15:00 AM
Lab ID: 2110262-006 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
2,2-Dichloropropane	ND	4.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,1-Dichloropropene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Hexachlorobutadiene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
2-Hexanone	ND	20		µg/L	2	10/12/2021 4:56:00 PM	R81970
Isopropylbenzene	2.7	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
4-Isopropyltoluene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
4-Methyl-2-pentanone	ND	20		µg/L	2	10/12/2021 4:56:00 PM	R81970
Methylene Chloride	ND	6.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
n-Butylbenzene	ND	6.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
n-Propylbenzene	3.9	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
sec-Butylbenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Styrene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
tert-Butylbenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Tetrachloroethene (PCE)	5.2	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
trans-1,2-DCE	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,1,1-Trichloroethane	5.8	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,1,2-Trichloroethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Trichloroethene (TCE)	16	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Trichlorofluoromethane	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
1,2,3-Trichloropropane	ND	4.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Vinyl chloride	ND	2.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Xylenes, Total	ND	3.0		µg/L	2	10/12/2021 4:56:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	2	10/12/2021 4:56:00 PM	R81970
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	2	10/12/2021 4:56:00 PM	R81970
Surr: Dibromofluoromethane	101	70-130		%Rec	2	10/12/2021 4:56:00 PM	R81970
Surr: Toluene-d8	97.4	70-130		%Rec	2	10/12/2021 4:56:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-5
Project: WT 1
Collection Date: 10/5/2021 12:15:00 PM
Lab ID: 2110262-007
Matrix: AQUEOUS
Received Date: 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	9400	100	*	mg/L	200	10/13/2021 8:57:58 PM	R82040
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	360	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Toluene	8.9	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Ethylbenzene	76	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2,4-Trimethylbenzene	370	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,3,5-Trimethylbenzene	49	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Naphthalene	42	10		µg/L	5	10/12/2021 5:43:00 PM	R81970
1-Methylnaphthalene	36	20		µg/L	5	10/12/2021 5:43:00 PM	R81970
2-Methylnaphthalene	62	20		µg/L	5	10/12/2021 5:43:00 PM	R81970
Acetone	340	50		µg/L	5	10/12/2021 5:43:00 PM	R81970
Bromobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Bromodichloromethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Bromoform	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Bromomethane	ND	15		µg/L	5	10/12/2021 5:43:00 PM	R81970
2-Butanone	74	50		µg/L	5	10/12/2021 5:43:00 PM	R81970
Carbon disulfide	ND	50		µg/L	5	10/12/2021 5:43:00 PM	R81970
Carbon Tetrachloride	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Chlorobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Chloroethane	ND	10		µg/L	5	10/12/2021 5:43:00 PM	R81970
Chloroform	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Chloromethane	ND	15		µg/L	5	10/12/2021 5:43:00 PM	R81970
2-Chlorotoluene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
4-Chlorotoluene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
cis-1,2-DCE	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	10/12/2021 5:43:00 PM	R81970
Dibromochloromethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Dibromomethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2-Dichlorobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,3-Dichlorobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,4-Dichlorobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Dichlorodifluoromethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1-Dichloroethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1-Dichloroethene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2-Dichloropropane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-5
Project: WT 1
Collection Date: 10/5/2021 12:15:00 PM
Lab ID: 2110262-007 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
2,2-Dichloropropane	ND	10		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1-Dichloropropene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Hexachlorobutadiene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
2-Hexanone	ND	50		µg/L	5	10/12/2021 5:43:00 PM	R81970
Isopropylbenzene	28	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
4-Isopropyltoluene	13	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
4-Methyl-2-pentanone	ND	50		µg/L	5	10/12/2021 5:43:00 PM	R81970
Methylene Chloride	ND	15		µg/L	5	10/12/2021 5:43:00 PM	R81970
n-Butylbenzene	ND	15		µg/L	5	10/12/2021 5:43:00 PM	R81970
n-Propylbenzene	40	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
sec-Butylbenzene	15	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Styrene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
tert-Butylbenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	10/12/2021 5:43:00 PM	R81970
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
trans-1,2-DCE	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1,1-Trichloroethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,1,2-Trichloroethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Trichloroethene (TCE)	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Trichlorofluoromethane	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
1,2,3-Trichloropropane	ND	10		µg/L	5	10/12/2021 5:43:00 PM	R81970
Vinyl chloride	ND	5.0		µg/L	5	10/12/2021 5:43:00 PM	R81970
Xylenes, Total	300	7.5		µg/L	5	10/12/2021 5:43:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	5	10/12/2021 5:43:00 PM	R81970
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	5	10/12/2021 5:43:00 PM	R81970
Surr: Dibromofluoromethane	95.4	70-130		%Rec	5	10/12/2021 5:43:00 PM	R81970
Surr: Toluene-d8	106	70-130		%Rec	5	10/12/2021 5:43:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-7
Project: WT 1
Collection Date: 10/5/2021 2:15:00 PM
Lab ID: 2110262-008 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	740	50	*	mg/L	100	10/8/2021 8:37:51 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 6:29:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 6:29:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 6:29:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-7
Project: WT 1
Collection Date: 10/5/2021 2:15:00 PM
Lab ID: 2110262-008 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 6:29:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 6:29:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 6:29:00 PM	R81970
Xylenes, Total	ND	1.5		µg/L	1	10/12/2021 6:29:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	10/12/2021 6:29:00 PM	R81970
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	10/12/2021 6:29:00 PM	R81970
Surr: Dibromofluoromethane	107	70-130		%Rec	1	10/12/2021 6:29:00 PM	R81970
Surr: Toluene-d8	97.5	70-130		%Rec	1	10/12/2021 6:29:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-8
Project: WT 1
Collection Date: 10/5/2021 1:45:00 PM
Lab ID: 2110262-009 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	870	50	*	mg/L	100	10/8/2021 9:03:34 PM	R81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 6:52:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 6:52:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 6:52:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-8
Project: WT 1
Collection Date: 10/5/2021 1:45:00 PM
Lab ID: 2110262-009 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 6:52:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 6:52:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 6:52:00 PM	R81970
Xylenes, Total	ND	1.5		µg/L	1	10/12/2021 6:52:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	10/12/2021 6:52:00 PM	R81970
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	10/12/2021 6:52:00 PM	R81970
Surr: Dibromofluoromethane	103	70-130		%Rec	1	10/12/2021 6:52:00 PM	R81970
Surr: Toluene-d8	96.3	70-130		%Rec	1	10/12/2021 6:52:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-9
Project: WT 1
Collection Date: 10/5/2021 1:15:00 PM
Lab ID: 2110262-010 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Sulfate	400	5.0	*	mg/L	10	10/14/2021 3:28:53 PM	R82081
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	4.0	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2,4-Trimethylbenzene	1.0	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,3,5-Trimethylbenzene	1.3	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 7:16:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 7:16:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 7:16:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Dibromomethane	3.8	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-9
Project: WT 1
Collection Date: 10/5/2021 1:15:00 PM
Lab ID: 2110262-010 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 7:16:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 7:16:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 7:16:00 PM	R81970
Xylenes, Total	4.1	1.5		µg/L	1	10/12/2021 7:16:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	98.1	70-130		%Rec	1	10/12/2021 7:16:00 PM	R81970
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	10/12/2021 7:16:00 PM	R81970
Surr: Dibromofluoromethane	101	70-130		%Rec	1	10/12/2021 7:16:00 PM	R81970
Surr: Toluene-d8	97.1	70-130		%Rec	1	10/12/2021 7:16:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-12
Project: WT 1
Collection Date: 10/5/2021 12:35:00 PM
Lab ID: 2110262-011 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	1000	50	*	mg/L	100	10/8/2021 10:46:31 PM	A81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	3400	200		µg/L	200	10/12/2021 7:39:00 PM	R81970
Toluene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Ethylbenzene	270	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2,4-Trimethylbenzene	130	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,3,5-Trimethylbenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Naphthalene	ND	40		µg/L	20	10/12/2021 8:02:00 PM	R81970
1-Methylnaphthalene	ND	80		µg/L	20	10/12/2021 8:02:00 PM	R81970
2-Methylnaphthalene	ND	80		µg/L	20	10/12/2021 8:02:00 PM	R81970
Acetone	ND	200		µg/L	20	10/12/2021 8:02:00 PM	R81970
Bromobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Bromodichloromethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Bromoform	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Bromomethane	ND	60		µg/L	20	10/12/2021 8:02:00 PM	R81970
2-Butanone	ND	200		µg/L	20	10/12/2021 8:02:00 PM	R81970
Carbon disulfide	ND	200		µg/L	20	10/12/2021 8:02:00 PM	R81970
Carbon Tetrachloride	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Chlorobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Chloroethane	ND	40		µg/L	20	10/12/2021 8:02:00 PM	R81970
Chloroform	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Chloromethane	ND	60		µg/L	20	10/12/2021 8:02:00 PM	R81970
2-Chlorotoluene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
4-Chlorotoluene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
cis-1,2-DCE	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
cis-1,3-Dichloropropene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	40		µg/L	20	10/12/2021 8:02:00 PM	R81970
Dibromochloromethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Dibromomethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2-Dichlorobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,3-Dichlorobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,4-Dichlorobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Dichlorodifluoromethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1-Dichloroethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1-Dichloroethene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2-Dichloropropane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-12
Project: WT 1
Collection Date: 10/5/2021 12:35:00 PM
Lab ID: 2110262-011
Matrix: AQUEOUS
Received Date: 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
2,2-Dichloropropane	ND	40		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1-Dichloropropene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Hexachlorobutadiene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
2-Hexanone	ND	200		µg/L	20	10/12/2021 8:02:00 PM	R81970
Isopropylbenzene	30	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
4-Isopropyltoluene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
4-Methyl-2-pentanone	ND	200		µg/L	20	10/12/2021 8:02:00 PM	R81970
Methylene Chloride	ND	60		µg/L	20	10/12/2021 8:02:00 PM	R81970
n-Butylbenzene	ND	60		µg/L	20	10/12/2021 8:02:00 PM	R81970
n-Propylbenzene	37	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
sec-Butylbenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Styrene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
tert-Butylbenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	40		µg/L	20	10/12/2021 8:02:00 PM	R81970
Tetrachloroethene (PCE)	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
trans-1,2-DCE	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
trans-1,3-Dichloropropene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2,3-Trichlorobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2,4-Trichlorobenzene	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1,1-Trichloroethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,1,2-Trichloroethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Trichloroethene (TCE)	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Trichlorofluoromethane	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
1,2,3-Trichloropropane	ND	40		µg/L	20	10/12/2021 8:02:00 PM	R81970
Vinyl chloride	ND	20		µg/L	20	10/12/2021 8:02:00 PM	R81970
Xylenes, Total	210	30		µg/L	20	10/12/2021 8:02:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	20	10/12/2021 8:02:00 PM	R81970
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	20	10/12/2021 8:02:00 PM	R81970
Surr: Dibromofluoromethane	101	70-130		%Rec	20	10/12/2021 8:02:00 PM	R81970
Surr: Toluene-d8	98.7	70-130		%Rec	20	10/12/2021 8:02:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-13
Project: WT 1
Collection Date: 10/5/2021 1:00:00 PM
Lab ID: 2110262-012 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	600	50	*	mg/L	100	10/8/2021 11:12:16 PM	A81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	460	20		µg/L	20	10/12/2021 8:25:00 PM	R81970
Toluene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Ethylbenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,3,5-Trimethylbenzene	4.8	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Naphthalene	ND	4.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1-Methylnaphthalene	ND	8.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
2-Methylnaphthalene	ND	8.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Acetone	ND	20		µg/L	2	10/12/2021 8:48:00 PM	R81970
Bromobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Bromodichloromethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Bromoform	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Bromomethane	ND	6.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
2-Butanone	ND	20		µg/L	2	10/12/2021 8:48:00 PM	R81970
Carbon disulfide	ND	20		µg/L	2	10/12/2021 8:48:00 PM	R81970
Carbon Tetrachloride	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Chlorobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Chloroethane	ND	4.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Chloroform	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Chloromethane	ND	6.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
2-Chlorotoluene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
4-Chlorotoluene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
cis-1,2-DCE	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Dibromochloromethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Dibromomethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2-Dichlorobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,3-Dichlorobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,4-Dichlorobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Dichlorodifluoromethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1-Dichloroethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1-Dichloroethene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2-Dichloropropane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-13
Project: WT 1
Collection Date: 10/5/2021 1:00:00 PM
Lab ID: 2110262-012 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
2,2-Dichloropropane	ND	4.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1-Dichloropropene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Hexachlorobutadiene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
2-Hexanone	ND	20		µg/L	2	10/12/2021 8:48:00 PM	R81970
Isopropylbenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
4-Isopropyltoluene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
4-Methyl-2-pentanone	ND	20		µg/L	2	10/12/2021 8:48:00 PM	R81970
Methylene Chloride	ND	6.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
n-Butylbenzene	ND	6.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
n-Propylbenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
sec-Butylbenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Styrene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
tert-Butylbenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
trans-1,2-DCE	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1,1-Trichloroethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,1,2-Trichloroethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Trichloroethene (TCE)	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Trichlorofluoromethane	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
1,2,3-Trichloropropane	ND	4.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Vinyl chloride	ND	2.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Xylenes, Total	5.9	3.0		µg/L	2	10/12/2021 8:48:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	2	10/12/2021 8:48:00 PM	R81970
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	2	10/12/2021 8:48:00 PM	R81970
Surr: Dibromofluoromethane	102	70-130		%Rec	2	10/12/2021 8:48:00 PM	R81970
Surr: Toluene-d8	96.9	70-130		%Rec	2	10/12/2021 8:48:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-14
Project: WT 1
Collection Date: 10/5/2021 12:00:00 PM
Lab ID: 2110262-013 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	580	50	*	mg/L	100	10/8/2021 11:38:00 PM	A81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	26	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Ethylbenzene	12	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2,4-Trimethylbenzene	10	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,3,5-Trimethylbenzene	16	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 9:11:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 9:11:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 9:11:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-SVE-14
Project: WT 1
Collection Date: 10/5/2021 12:00:00 PM
Lab ID: 2110262-013 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 9:11:00 PM	R81970
Isopropylbenzene	5.2	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
4-Isopropyltoluene	2.2	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 9:11:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
n-Propylbenzene	6.0	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
sec-Butylbenzene	3.7	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 9:11:00 PM	R81970
Xylenes, Total	4.4	1.5		µg/L	1	10/12/2021 9:11:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	93.2	70-130		%Rec	1	10/12/2021 9:11:00 PM	R81970
Surr: 4-Bromofluorobenzene	88.1	70-130		%Rec	1	10/12/2021 9:11:00 PM	R81970
Surr: Dibromofluoromethane	98.6	70-130		%Rec	1	10/12/2021 9:11:00 PM	R81970
Surr: Toluene-d8	112	70-130		%Rec	1	10/12/2021 9:11:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** GW-11209238-100521-CN-DUP
Project: WT 1 **Collection Date:** 10/5/2021
Lab ID: 2110262-014 **Matrix:** AQUEOUS **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Sulfate	570	50	*	mg/L	100	10/9/2021 12:03:45 AM	A81926
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	420	10		µg/L	10	10/13/2021 2:27:00 PM	A82008
Toluene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Ethylbenzene	1.2	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,3,5-Trimethylbenzene	4.5	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1-Methylnaphthalene	7.1	4.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 9:35:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 9:35:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 9:35:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970

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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-11209238-100521-CN-DUP
Project: WT 1
Collection Date: 10/5/2021
Lab ID: 2110262-014
Matrix: AQUEOUS
Received Date: 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 9:35:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 9:35:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 9:35:00 PM	R81970
Xylenes, Total	5.3	1.5		µg/L	1	10/12/2021 9:35:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	99.0	70-130		%Rec	1	10/12/2021 9:35:00 PM	R81970
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	10/12/2021 9:35:00 PM	R81970
Surr: Dibromofluoromethane	99.4	70-130		%Rec	1	10/12/2021 9:35:00 PM	R81970
Surr: Toluene-d8	97.3	70-130		%Rec	1	10/12/2021 9:35:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: WT 1 **Collection Date:**
Lab ID: 2110262-015 **Matrix:** TRIP BLANK **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Toluene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Ethylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Naphthalene	ND	2.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
2-Methylnaphthalene	ND	4.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Acetone	ND	10		µg/L	1	10/12/2021 9:58:00 PM	R81970
Bromobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Bromodichloromethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Bromoform	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Bromomethane	ND	3.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
2-Butanone	ND	10		µg/L	1	10/12/2021 9:58:00 PM	R81970
Carbon disulfide	ND	10		µg/L	1	10/12/2021 9:58:00 PM	R81970
Carbon Tetrachloride	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Chlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Chloroethane	ND	2.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Chloroform	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Chloromethane	ND	3.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
2-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
4-Chlorotoluene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
cis-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Dibromochloromethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Dibromomethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,1-Dichloroethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,1-Dichloroethene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,3-Dichloropropane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
2,2-Dichloropropane	ND	2.0		µg/L	1	10/12/2021 9:58:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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 **2110262**
Date Reported: **2/16/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Client Sample ID:** Trip Blank
Project: WT 1 **Collection Date:**
Lab ID: 2110262-015 **Matrix:** TRIP BLANK **Received Date:** 10/6/2021 7:33:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **CCM**	
1,1-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Hexachlorobutadiene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
2-Hexanone	ND	10		µg/L	1	10/12/2021 9:58:00 PM	R81970
Isopropylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
4-Isopropyltoluene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
4-Methyl-2-pentanone	ND	10		µg/L	1	10/12/2021 9:58:00 PM	R81970
Methylene Chloride	ND	3.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
n-Butylbenzene	ND	3.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
n-Propylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
sec-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Styrene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
tert-Butylbenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
trans-1,2-DCE	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Trichlorofluoromethane	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Vinyl chloride	ND	1.0		µg/L	1	10/12/2021 9:58:00 PM	R81970
Xylenes, Total	ND	1.5		µg/L	1	10/12/2021 9:58:00 PM	R81970
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	10/12/2021 9:58:00 PM	R81970
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	10/12/2021 9:58:00 PM	R81970
Surr: Dibromofluoromethane	105	70-130		%Rec	1	10/12/2021 9:58:00 PM	R81970
Surr: Toluene-d8	96.9	70-130		%Rec	1	10/12/2021 9:58:00 PM	R81970

Refer to the QC Summary report and sample login checklist for flagged QC data 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#: **2110262**
16-Feb-22

Client: GHD
Project: WT 1

Sample ID: **MB** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW** Batch ID: **R81926** RunNo: **81926**
Prep Date: Analysis Date: **10/8/2021** SeqNo: **2899679** 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: **R81926** RunNo: **81926**
Prep Date: Analysis Date: **10/8/2021** SeqNo: **2899685** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.7	0.50	10.00	0	96.9	90	110			

Sample ID: **2110262-004BMS** SampType: **ms** TestCode: **EPA Method 300.0: Anions**
Client ID: **GW-11209238-10052** Batch ID: **R81926** RunNo: **81926**
Prep Date: Analysis Date: **10/8/2021** SeqNo: **2899719** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	250	5.0	100.0	151.6	101	90.5	112			

Sample ID: **2110262-004BMSD** SampType: **msd** TestCode: **EPA Method 300.0: Anions**
Client ID: **GW-11209238-10052** Batch ID: **R81926** RunNo: **81926**
Prep Date: Analysis Date: **10/8/2021** SeqNo: **2899720** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	250	5.0	100.0	151.6	96.5	90.5	112	1.69	20	

Sample ID: **MB** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW** Batch ID: **A81926** RunNo: **81926**
Prep Date: Analysis Date: **10/8/2021** SeqNo: **2899738** 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: **A81926** RunNo: **81926**
Prep Date: Analysis Date: **10/8/2021** SeqNo: **2899739** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	10	0.50	10.00	0	102	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#: **2110262**
16-Feb-22

Client: GHD
Project: WT 1

Sample ID: **MB** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW** Batch ID: **R82040** RunNo: **82040**
Prep Date: Analysis Date: **10/13/2021** SeqNo: **2905433** 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: **R82040** RunNo: **82040**
Prep Date: Analysis Date: **10/13/2021** SeqNo: **2905434** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulfate	9.6	0.50	10.00	0	96.0	90	110			

Sample ID: **MB** SampType: **mblk** TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW** Batch ID: **R82081** RunNo: **82081**
Prep Date: Analysis Date: **10/14/2021** SeqNo: **2907272** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	0.10								
Chloride	ND	0.50								
Nitrogen, Nitrite (As N)	ND	0.10								
Bromide	ND	0.10								
Nitrogen, Nitrate (As N)	ND	0.10								
Phosphorus, Orthophosphate (As P	ND	0.50								
Sulfate	ND	0.50								
Nitrate+Nitrite as N	ND	0.20								

Sample ID: **LCS** SampType: **lcs** TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW** Batch ID: **R82081** RunNo: **82081**
Prep Date: Analysis Date: **10/14/2021** SeqNo: **2907273** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	0.50	0.10	0.5000	0	99.9	90	110			
Chloride	4.8	0.50	5.000	0	95.3	90	110			
Nitrogen, Nitrite (As N)	0.99	0.10	1.000	0	98.8	90	110			
Bromide	2.5	0.10	2.500	0	98.1	90	110			
Nitrogen, Nitrate (As N)	2.5	0.10	2.500	0	99.2	90	110			
Phosphorus, Orthophosphate (As P	4.6	0.50	5.000	0	91.4	90	110			
Sulfate	9.7	0.50	10.00	0	96.9	90	110			
Nitrate+Nitrite as N	3.5	0.20	3.500	0	99.1	90	110			

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#: **2110262**
16-Feb-22

Client: GHD
Project: WT 1

Sample ID: **100ng 8260 lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R81970**	RunNo: **81970**
Prep Date:	Analysis Date: **10/12/2021**	SeqNo: **2902507** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	21	1.0	20.00	0	104	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	92.9	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	93.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.9	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.3	70	130			
Surr: Dibromofluoromethane	10		10.00		99.6	70	130			
Surr: Toluene-d8	9.8		10.00		97.6	70	130			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R81970**	RunNo: **81970**
Prep Date:	Analysis Date: **10/12/2021**	SeqNo: **2902511** 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#: **2110262**
16-Feb-22

Client: GHD
Project: WT 1

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R81970**	RunNo: **81970**
Prep Date:	Analysis Date: **10/12/2021**	SeqNo: **2902511** 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#: **2110262**
16-Feb-22

Client: GHD
Project: WT 1

Sample ID: **MB** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R81970** RunNo: **81970**
Prep Date: Analysis Date: **10/12/2021** SeqNo: **2902511** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.8	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.5	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.7		10.00		96.7	70	130			

Sample ID: **100ng 8260 lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **A82008** RunNo: **82008**
Prep Date: Analysis Date: **10/13/2021** SeqNo: **2903970** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.3	70	130			
Surr: 1,2-Dichloroethane-d4	9.4		10.00		93.9	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.2	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.4	70	130			
Surr: Toluene-d8	9.6		10.00		96.3	70	130			

Sample ID: **mb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **A82008** RunNo: **82008**
Prep Date: Analysis Date: **10/13/2021** SeqNo: **2903971** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	9.3		10.00		93.4	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.7	70	130			
Surr: Dibromofluoromethane	9.3		10.00		93.5	70	130			
Surr: Toluene-d8	9.8		10.00		98.0	70	130			

Sample ID: **2110262-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-11209238-10052** Batch ID: **R81970** RunNo: **81970**
Prep Date: Analysis Date: **10/12/2021** SeqNo: **3022689** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	26	1.0	20.00	5.690	99.9	70	130			
Toluene	20	1.0	20.00	0.9000	97.6	70	130			
Chlorobenzene	20	1.0	20.00	0	97.9	70	130			
1,1-Dichloroethene	21	1.0	20.00	1.938	94.2	70	130			
Trichloroethene (TCE)	44	1.0	20.00	24.99	94.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.2	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#: **2110262**
16-Feb-22

Client: GHD
Project: WT 1

Sample ID: **2110262-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-11209238-10052** Batch ID: **R81970** RunNo: **81970**
Prep Date: Analysis Date: **10/12/2021** SeqNo: **3022689** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	9.6		10.00		95.8	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Sample ID: **2110262-001amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **GW-11209238-10052** Batch ID: **R81970** RunNo: **81970**
Prep Date: Analysis Date: **10/12/2021** SeqNo: **3022690** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	25	1.0	20.00	5.690	98.9	70	130	0.759	20	
Toluene	20	1.0	20.00	0.9000	95.3	70	130	2.25	20	
Chlorobenzene	19	1.0	20.00	0	96.9	70	130	1.01	20	
1,1-Dichloroethene	20	1.0	20.00	1.938	90.5	70	130	3.68	20	
Trichloroethene (TCE)	44	1.0	20.00	24.99	93.0	70	130	0.850	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		99.9	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		102	70	130	0	0	
Surr: Toluene-d8	9.8		10.00		97.6	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 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 Midland Work Order Number: 2110262 RcptNo: 1

Received By: **Cheyenne Cason** 10/6/2021 7:33:00 AM

Completed By: **Sean Livingston** 10/6/2021 9:30:42 AM

Reviewed By: JR 10/6/21

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 ☐	
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 KPG 10/06/21

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	0.7	Good				

Chain-of-Custody Record

Client: GHD

Mailing Address:

Phone #: 505 269 0056

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: 5 Day

☑ Standard ☐ Rush_____

Project Name: WT-1

Project #: 1120938

Project Manager: Christine Mathews

Sampler: CM

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.8-0.1=0.7 (°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. 2110262	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)	BTEX 8260	EDB 504.1 Sulfate				
10-5-21	0945	WT	GW-1120938-100521-CN-MW-5	various	HCl	001											✓	✓				
	1045		GW-1120938-100521-CN-MW-6			002																
	1015		GW-1120938-100521-CN-MW-7			003																
	1115		GW-1120938-100521-CN-MW-8			004																
	1445		GW-1120938-100521-CN-SVE-1			005																
	0915		GW-1120938-100521-CN-SVE-1A			006																
	1215		GW-1120938-100521-CN-SVE-5			007																
	1415		GW-1120938-100521-CN-SVE-7			008																
	1345		GW-1120938-100521-CN-SVE-8			009																
	1315		GW-1120938-100521-CN-SVE-9			010																
	1235		GW-1120938-100521-CN-SVE-12			011																
↓	1300	↓	GW-1120938-100521-CN-SVE-13	↓	↓	012											↓	↓				

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-5-21	1700				10/5/21	1700
10/5/21	1900			courier	10/6/21	0733

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: GHD

Mailing Address:

Phone #: 505 269 0088

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 #: 11209238

Project Manager: Christine Mathews

Sampler: CM

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 0.8 - 0.1 = 0.7 (°C)

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	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)	BTEX 8260	EPA 300
10-5-21	1200	WT	GW-11209238-100521-CM-SVE-14	various	HCl	013											X	X
10-5-21	–	WT	GW-11209238-100521-CM-DUP	↓	↓	014											X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
10-5-21	1700	[signature]	[signature]		10/5/21	1700
10/5/21	1900	[signature]	CM	courier	10/6/21	0733

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.

ghd.com → The Power of Commitment

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 129875

CONDITIONS

Operator:	OGRID:
Transwestern Pipeline Company, LLC 8501 Jefferson NE Ave Albuquerque, NM 87113	329750
	Action Number: 129875
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of the 2021 Annual Groundwater Monitoring Report: Content satisfactory 1. Continue bi-annual groundwater monitoring consisting of a Site-wide event in March and then a second event in October sampling only wells impacted by COCs 2. Evaluate 2022 groundwater quality results to determine need for supplemental ISEB Injections Submit next annual groundwater monitoring report no later than March 31, 2023.	11/14/2022