Review of Semi-Annual Groundwater Monitoring Report (July to December 2022) Report: **Content satisfactory**

1. Continue with path forward presented in this report under section 5.0.
2. Submit next semi-annual groundwater monitoring report no later than September 30, 2024.

Semi-Annual Groundwater Monitoring Report (July Through December 2022)

Dollarhide Oil Field Unit
Andrews County, Texas
RRC OCP No. 08-1048
OCD RP No. 1R-3944

Scout Energy Management

March 14, 2023

→ The Power of Commitment

Contents

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1. Introduction

GHD Services Inc. (GHD), on behalf of Scout Energy Management (Scout), submits herein to the Railroad Commission of Texas (RRC) the *Semi-Annual Groundwater Monitoring Report (July Through December 2022)* for the Dollarhide Oil Field Unit located in Andrews County, Texas (Site). The latitude/longitude coordinates for the Site are 32º 08' 45.60" N and 103º 03' 20.12" W, and a vicinity map showing the Site location is included as Figure 1. This report presents a summary and evaluation of the semi-annual groundwater monitoring data collected in the second half of 2022. It should be noted that following meetings with the RRC and New Mexico Oil Conservation Division (OCD) on April 18 and 19, 2022, respectively, an agreement was reached on the proposed strategy and path forward to closure for the Site. The agreed upon path forward includes the following: three groundwater monitoring events from a limited well network composed of perimeter and interior source wells, and one comprehensive groundwater monitoring event to demarcate the impacted groundwater extent and record constituents of concern (COCs) remaining in groundwater to be included in the Restrictive Covenants (RCs) for each property owner. This report summarizes the two remaining September 2022 and December 2022 limited sampling events of the three agreed-upon events following the April 2022 RRC and OCD meetings.

2. Background

It is believed that historical operations at the Site have contributed to elevated chloride concentrations in groundwater in the Ogallala Aquifer. The Site was discovered as an oil and gas production field in 1945 and, over the years, was owned and operated and/or leased by various companies that disposed of excess produced water and drilling fluids into pits. The use of pits for water disposal ceased in 1967, and the Site operators began using an injection system for disposal. In 1971, the first evidence of elevated chloride concentrations in groundwater was identified in Tract 26, and then in 1974 in Tract 45. Groundwater assessment was initiated in 1974, and groundwater recovery was initiated in 1994 by Union Oil Company of California (Unocal).

Representatives of Unocal and the RRC participated in a meeting on June 2, 1994, to discuss the installation of 24 recovery wells located in Texas along the Texas and New Mexico State Line to remove chloride-impacted groundwater from the Ogallala aquifer. Unocal received RRC approval of the recovery system in written correspondence on July 7, 1994. Since 1994, two additional recovery wells were installed, totaling 26 recovery wells that recovered groundwater from the Site. The recovered groundwater was pumped into two on-Site injection wells for oil reservoir pressure maintenance. Chevron Corporation purchased Unocal in August 2005. Since that time, Chevron U.S.A., Inc. (Chevron) continued to operate the groundwater recovery system until the system shutdown in November 2017, with concurrence from the RRC and OCD. On October 1, 2021, Chevron completed the sale of the Dollarhide Oil Field Unit to Scout.

2.1.1 Former Pits

Prior to the 1970s, it was an accepted practice in oil field operations to store produced water in pits adjacent to well locations. After livestock water wells in the vicinity of the Site began exhibiting elevated chloride concentrations, soil borings were installed in all former pit locations to assess possible chlorides in soil leaching to groundwater. Historical aerial photographs were reviewed to assess potential source areas. A 1955 aerial photograph identified the presence of approximately 84 former produced water (brine) pits adjacent to Site well locations. A large-scale evaporation pit located to the northwest of the existing gas plant that had been utilized to store mixed brine was identified as a potential source area. Soil samples were collected from various depths within the former pits and were submitted for laboratory analysis of chlorides. Former pit locations with soil chloride concentrations less than 700 parts per million (ppm) were determined not to be potential source areas and were left in place. The former pit locations with soil

chloride concentrations greater than 700 ppm were determined to be potential source areas, and Unocal capped the pits with a geosynthetic clay liner to prevent any further leaching of chlorides.

2.1.2 Light Non-Aqueous Phase Liquid

During a groundwater sampling event in January 2000, dissolved hydrocarbon constituents and light non-aqueous phase liquid (LNAPL) were detected in recovery well 44-J-WW during a routine groundwater sampling event. The LNAPL exhibited elevated concentrations of hydrocarbons in the C6-C12 range, indicative of natural gas liquids. A north-south trending underground pipeline that contains hydrocarbon products, operated by another company (not Scout), is located within 100 feet of recovery well 44-J-WW. Soil investigations were conducted in 2000 by Unocal and 2011 by Chevron, to determine the source area of the release; however, no hydrocarbon impacts were detected in soil. On November 5, 2010, LNAPL was discovered in two additional recovery wells, 44-I-WW and 44-II-WW, during routine operation and maintenance. Due to the presence of LNAPL, these three wells remained inactive through November 2017, when the groundwater recovery system was shut-down to prevent the introduction of LNAPL into the groundwater recovery system. The LNAPL identified in these three recovery wells (44-J-WW, 44-I-WW, and 44-II-WW) is not located near any of Chevron's former assets that contain hydrocarbons, and the LNAPL is believed to be associated with other third-party pipelines in the vicinity. LNAPL investigation efforts have been summarized in previous reports that have been submitted to the RRC.

3. Regulatory Framework

The RRC has regulatory jurisdiction over oil and gas production operations in the State of Texas. Scout is working under the guidance of the RRC to address the groundwater chloride impacts as a result of historic operations at the Site. Under the RRC, the Site is regulated under Title 16 of the Texas Administrative Code (TAC) Chapter 3 (relating to the Oil and Gas Division) Rule §3.8(b) (Statewide Rule 8 Water Protection).

Due to the proximity of the Site being located near the Texas and New Mexico state boundaries, correspondence with the OCD has been maintained on Site activities relating to the groundwater assessment being completed under the jurisdiction of the RRC. Per OCD's request, a Release Notification and Corrective Action (C-141) Form was submitted in a written correspondence on October 28, 2015, in order to establish a file for the Site. Routine regulator meetings are held with both regulatory agencies to provide project status updates and to ensure that there is regulatory alignment with respect to the proposed path forward for the Site.

4. Groundwater Monitoring

As discussed in Section 1.0, following agency meetings with the RRC and OCD in April 2022, it was agreed upon that the next three quarterly groundwater sampling events be conducted from a limited well matrix consisting of perimeter and source monitoring wells, and one quarterly sampling event be conducted from the comprehensive set of monitor wells throughout the Site. As such, this report summarizes the remaining two September 2022 and December 2022 sampling events from the limited well network.

The groundwater monitoring system for the limited well matrix consists of 14 monitor wells screened in the Ogallala Aquifer approximately 120 feet below ground surface. Groundwater well designations are shown on Figure 2 and listed in Table 1. The groundwater data collected during the September 2022 and December 2022 events are discussed below.

4.1 Potentiometric Conditions

Prior to sampling, depth-to-groundwater measurements were collected at each well with an oil/water interface probe, with an accuracy of 0.01 foot, to determine the groundwater elevation in each well. Groundwater potentiometric elevations and contours for the September 2022 and December 2022 events are shown on Figures 3 and 4, respectively. The measurements indicate that the groundwater flow direction is generally to the southwest which is consistent with previous events. A summary of the depth-to-groundwater measurements and the corresponding groundwater elevations are included in Tables 2 and 3. Historical groundwater elevations have also been provided in Appendix A.

4.2 Groundwater Sampling

During the September 2022 and December 2022 sampling events, groundwater samples were collected via no purge sampling techniques. The groundwater samples were collected directly from the screened interval of each well using a HydraSleeve. The HydraSleeve is deployed during the gauging event to allow the well to return to equilibrium prior to sampling. Groundwater samples were collected in laboratory supplied containers, preserved on ice, and transported to Eurofins Xenco Laboratory located in Midland, Texas, following proper chain-of-custody procedures. All groundwater samples were submitted for analysis of chloride by United States Environmental Protection Agency (EPA) Method 300/300.1 and TDS by EPA Method SM2540C.

4.3 Analytical Results

Groundwater sample analytical results were compared to the Texas Commission of Environmental Quality (TCEQ) Secondary Drinking Water Standards and Secondary Constituent levels for chlorides (300 milligrams per liter [mg/L]) and TDS (1,000 mg/L). The groundwater sample analytical results from the September 2022 and December 2022 events are listed in Tables 4 and 5, respectively. Groundwater isopleths for chloride and TDS concentrations for both the September 2022 and December 2022 sampling events are shown on Figures 5 through 8. Additionally, the analytical laboratory reports for both the September 2022 and December 2022 sampling events are included in Appendices B and C, respectively. The concentrations of chlorides and TDS are generally consistent with historical events. The chloride plume has been fully delineated in the downgradient direction in both Texas and New Mexico following the installation of the 2020 monitor wells. Historical groundwater analytical results have also been provided in Appendix D.

4.4 Quality Assurance/Quality Control

During the September 2022 and December 2022 sampling events, one field duplicate sample set was collected for chloride and TDS to confirm sample quality and reproducibility. No significant deviations were encountered in the sample results for duplicate constituents for either event. All certified groundwater laboratory reports received during the September 2022 and December 2022 sampling events were reviewed by a GHD analytical chemist for laboratory and field method quality assurance/quality control (QA/QC). All laboratory reports were approved, and the associated data validation reports issued by GHD are included in Appendix E.

5. Conclusions and Path Forward

The results of the September 2022 and December 2022 groundwater monitoring events confirm further evidence that the groundwater plume is stable and that the conditions (concentrations and flow) are well understood. Based on the results of the September 2022 and December 2022 sampling events and observed trends in historical events, concentrations of chlorides and TDS remained consistent, and the chloride plume has been delineated in the observed southwest downgradient direction.

With the completion of the September 2022 and December 2022 limited sampling events, all three of the agreed-upon limited well network sampling events have been completed. Scout intends to conduct one comprehensive monitoring event to demarcate the impacted groundwater extent and record COCs remaining in groundwater to be included in the Restrictive Covenants for each property owners within the delineated downgradient plume extent in accordance with the path forward for the Site. This sampling event from the comprehensive well network is scheduled in March 2023 and will complete the four quarters of agreed upon groundwater sampling.

Following the completion of the March 2023 sampling event, Restrictive Covenants (RCs) will be obtained from the appropriate landowners. A metes and bounds survey of the plume boundary to be included in the RC agreements and will be completed by a professionally licensed surveyor. Updates on the progress of the RCs with the appropriate landowners will be provided in the third or fourth quarters of 2023.

Upon obtaining executed RCs, a Site Closure Request Report will be submitted to the RRC demonstrating the following:

1. Sources to groundwater impacts from historical operations of the disposal pits have been eliminated.
2. Groundwater plume is stable and hydrology/potentiometric flow is understood.
3. Executed RCs for all stakeholders within the impacted plume boundary as recorded in the meets and bounds survey.

Should you have any questions regarding this submittal, please contact Phillip Moore of GHD at (972) 331-5946 or Spencer Jackson of Scout at (972) 505-3842.

All of which is Respectfully Submitted,

GHD

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Texas P.G. No. 15018

Stephen Saller, P.G.
Texas P.G. No. 13096

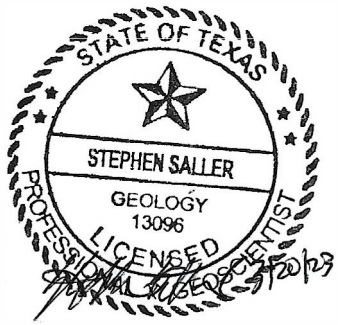

Table 1

Groundwater Well Designations
Scout Dollarhide Unit
Andrews County, Texas

Well Group Designation	Well Identification
Recovery Wells	10-V-WW
	10-W-WW
	10-X-WW
	11-U-WW
	12-S-WW
	12-T-WW
	29-Q-WW
	29-R-WW
	30-O-WW
	31-N-WW
	43-K-WW
	43-L-WW
	43-M-WW
	44-H-WW
	44-I-WW
	44-II-WW
	44-J-WW
	45-EE-WW
	45-ER-WW
	45-F-WW
	45-G-WW
	58-A-WW
	58-B-WW
	58-BB-WW
	58-C-WW
	58-D-WW
Monitor Wells	43-K-1-MW
	44-I-1-MW
	44-J-1-MW
	44-J-2-MW
	44-J-3-MW
	44-J-4-MW
	44-J-5-MW
	45-E-1-MW
	45-E-2-MW
	45-E-3-MW
	45-F-1-MW
	45-FF-MW
	58-B-1-MW
	58-B-2-MW
	58-B-3-MW
	MW-2(1)
	MW-3(1)
	MW-4(1)
	MW-5(1)
	MW-6(1)
	MW-7(1)
	MW-8(1)
	MW-9(1)
	MW-10(1)
	MW-11(1)
	MW-12(1)
	MW-13(1)
	MW-14(1)

Table 1

Groundwater Well Designations
Scout Dollarhide Unit
Andrews County, Texas

Well Group Designation	Well Identification
Monitor Wells	MW-15(1)
	MW-16(1)
	MW-17(1)
	MW-18(1)
	MW-19(1)
	MW-20(1)
	MW-21(1)
	MW-22(1)
	MW-23(1)
	MW-24(1)
	MW-25(1)
	MW-26(1)
	MW-27(1)
	MW-28(1)
	MW-29(1)
	MW-30(1)
	MW-31(1)
	MW-32(1)
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	MW-34(1)
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	NM-MW-8(1)
	NM-MW-9(1)
	NM-MW-10(1)
	NM-MW-11(1)
	NM-MW-12(1)
	NM-MW-13(1)
	NM-MW-14(1)
	NM-MW-15(1)
	NM-MW-16(1)
	NM-MW-17(1)
	NM-MW-20(1)
	NM-MW-21(1)
Non-Remedial Wells	Livermore
	Pure Water Tower
	Pure Water Well
	RRR Ranch Windmill
	TRAC-4
	TRAC-8
	Smith Residence
	Wilson Ranch Well

Note:
(1) Indicates monitor wells installed in 2015, 2016, 2017, 2019, and 2020 that are voluntarily sampled quarterly.

Table 2

September 2022 Groundwater Elevation Measurements
Scout Dollarhide Unit
Andrews County, Texas

Well Identification	TOC Elevation (ft NAVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft NAVD)
Monitor Wells			
MW-18	3,155.01	96.15	3,058.86
MW-19	3,149.90	99.57	3,050.33
MW-25	3,165.45	103.69	3,061.76
MW-29	3,098.60	100.37	2,998.23
MW-31	3,145.41	94.91	3,050.50
MW-34	3,069.95	71.53	2,998.42
NM-MW-1	3,124.90	72.13	3,052.77
NM-MW-5	3,109.14	99.97	3,009.17
NM-MW-6	3,093.23	88.85	3,004.38
NM-MW-9	3,118.18	93.44	3,024.74
NM-MW-10	3,066.32	79.98	2,986.34
NM-MW-15	3,064.93	87.09	2,977.84
NM-MW-17	3,035.70	58.87	2,976.83
NM-MW-20	3,091.29	93.56	2,997.73

Notes:
ft = feet
NM = Not Measured
NA = Not Applicable
TOC = top of casing
NAVD = North American Vertical Datum

Table 3

December 2022 Groundwater Elevation Measurements
Scout Dollarhide Unit
Andrews County, Texas

Well Identification	TOC Elevation (ft NAVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft NAVD)
Monitor Wells			
MW-18	3,155.01	96.07	3,058.94
MW-19	3,149.90	99.47	3,050.43
MW-25	3,165.45	103.85	3,061.60
MW-29	3,098.60	100.43	2,998.17
MW-31	3,145.41	95.02	3,050.39
MW-34	3,069.95	71.54	2,998.41
NM-MW-1	3,124.90	72.16	3,052.74
NM-MW-5	3,109.14	99.99	3,009.15
NM-MW-6	3,093.23	87.79	3,005.44
NM-MW-9	3,118.18	93.42	3,024.76
NM-MW-10	3,066.32	80.01	2,986.31
NM-MW-15	3,064.93	87.12	2,977.81
NM-MW-17	3,035.70	58.84	2,976.86
NM-MW-20	3,091.29	93.62	2,997.67

Notes:
ft = feet
NM = Not Measured
NA = Not Applicable
TOC = top of casing
NAVD = North American Vertical Datum

Table 4

September 2022 Groundwater Analytical Results Summary
Scout Dollarhide Unit
Andrews County, Texas

Sample ID	September	
	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking Water Standards (mg/L)	**300**	**1,000**
Monitor Wells		
MW-18	**24,200**	**35,700**
MW-19	**9,650**	**15,700**
MW-25	**22,800**	**31,300**
MW-29	**632**	**1,540**
MW-31	**10,700**	**16,800**
MW-34	68.3	589
NM-MW-1	263	**1,450**
NM-MW-5	145	**1,280**
NM-MW-6	146	931
NM-MW-9	230	781
NM-MW-10	**316**	**1,680**
NM-MW-15	53.5	536
NM-MW-17	218	950
NM-MW-20	20.7	484

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
2. Bold font indicates that a detected result was above the TCEQ Secondary Drinking Water Standard.

NA = Not Applicable

NS = Not Sampled

Table 5

December 2022 Groundwater Analytical Results Summary
Scout Dollarhide Unit
Andrews County, Texas

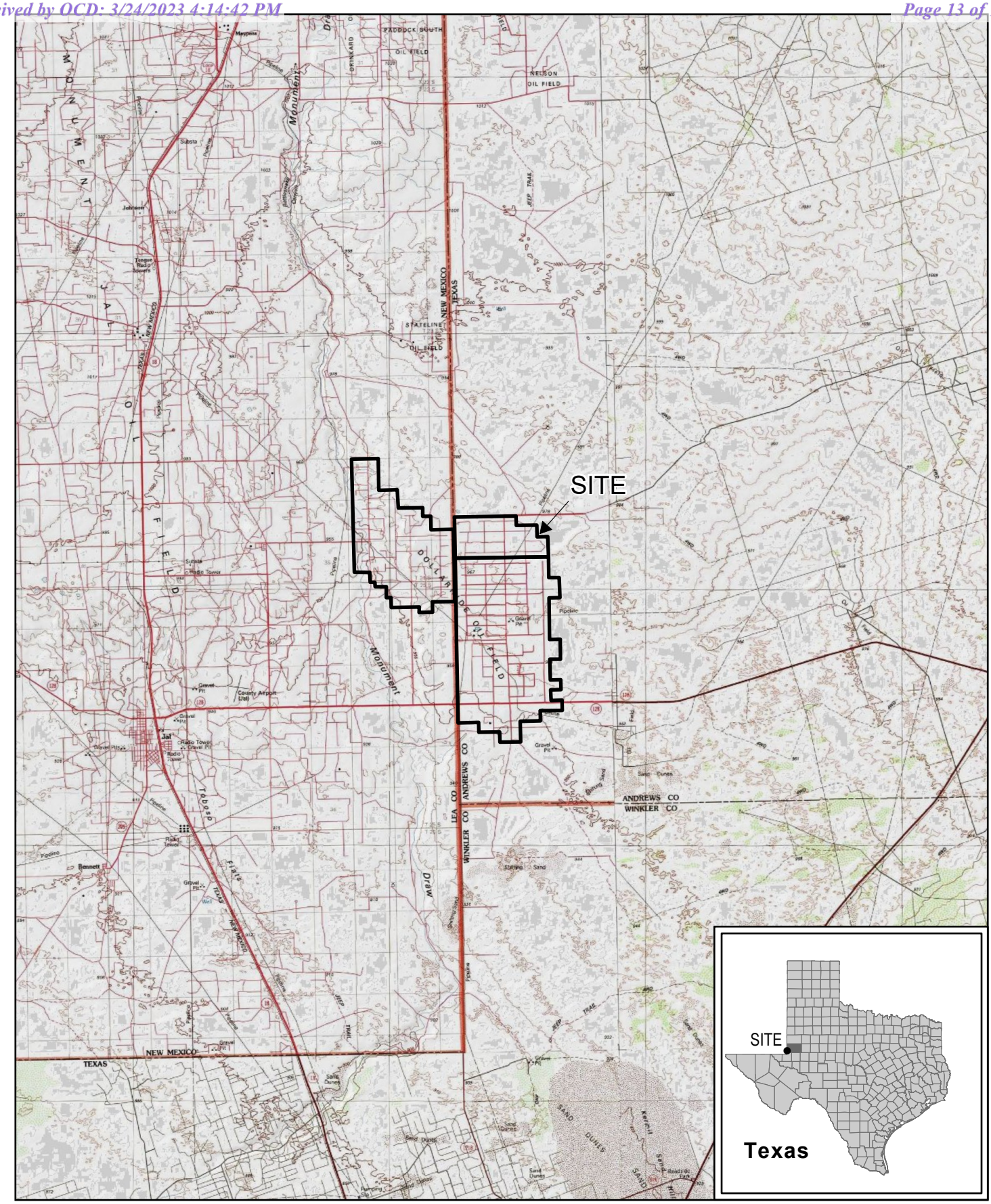
Sample ID	December	
	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking Water Standards (mg/L)	**300**	**1,000**
Monitor Wells		
MW-18	**21800**	**39500**
MW-19	**10200**	**18300**
MW-25	**22400**	**35300**
MW-29	**602**	**1310**
MW-31	**11200**	**15900**
MW-34	66.6	673
NM-MW-1	234	**1300**
NM-MW-5	116	**1420**
NM-MW-6	134	775
NM-MW-9	216	647
NM-MW-10	287	**1840**
NM-MW-15	42.5	765
NM-MW-17	238	**1110**
NM-MW-20	15.4	567

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
2. Bold font indicates that a detected result was above the TCEQ Secondary Drinking Water Standard.

NA = Not Applicable

NS = Not Sampled



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Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 13N

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SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
CHEVRON DOLLARHIDE UNIT

Project No. 12586708
Revision No. -
Date Jan 18, 2023

SITE VICINITY MAP

FIGURE 1

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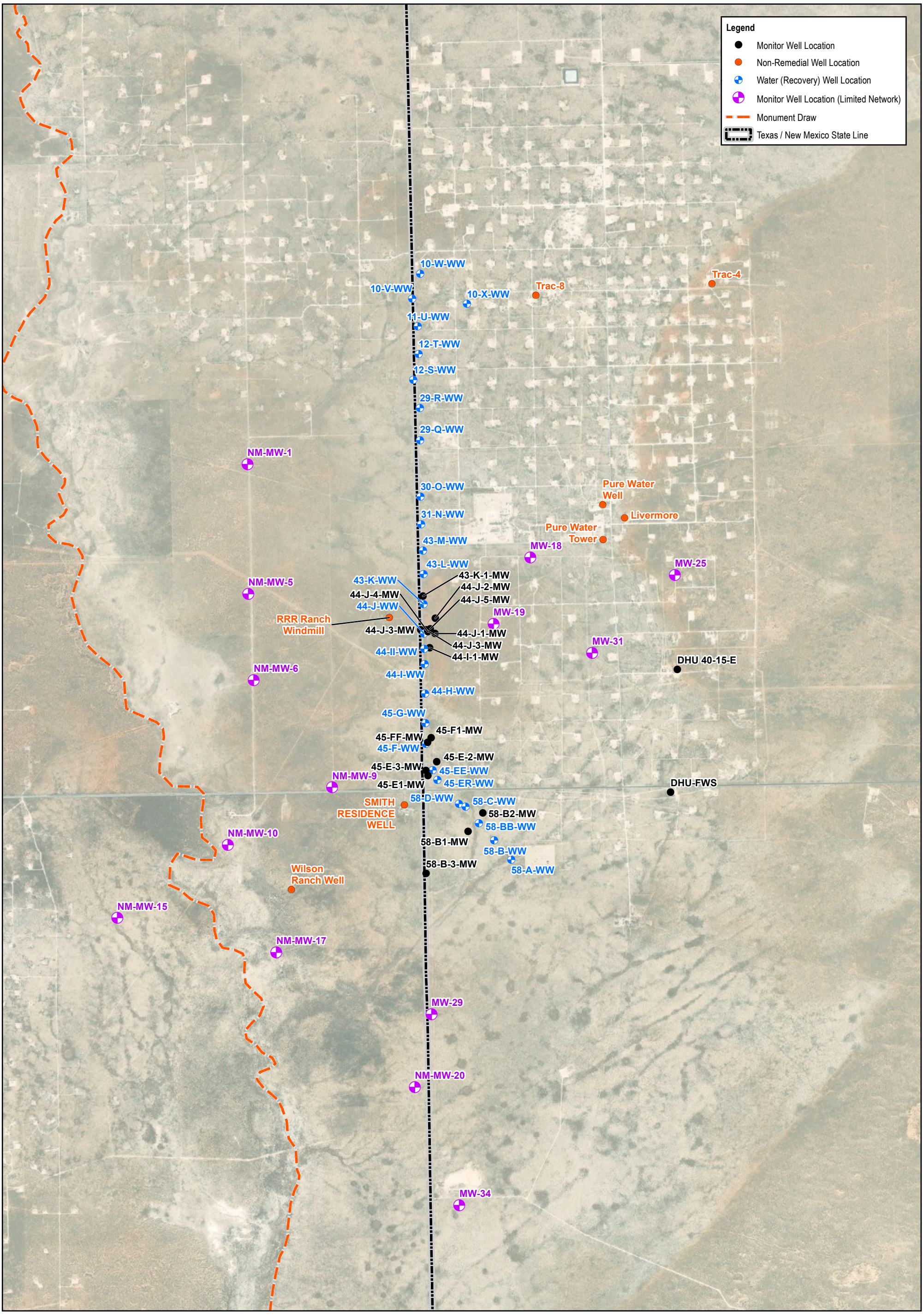

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Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 13N

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SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

SITE DETAILS MAP

Project No. **12586708**
Revision No. **-**
Date **Jan 18, 2023**

FIGURE 2

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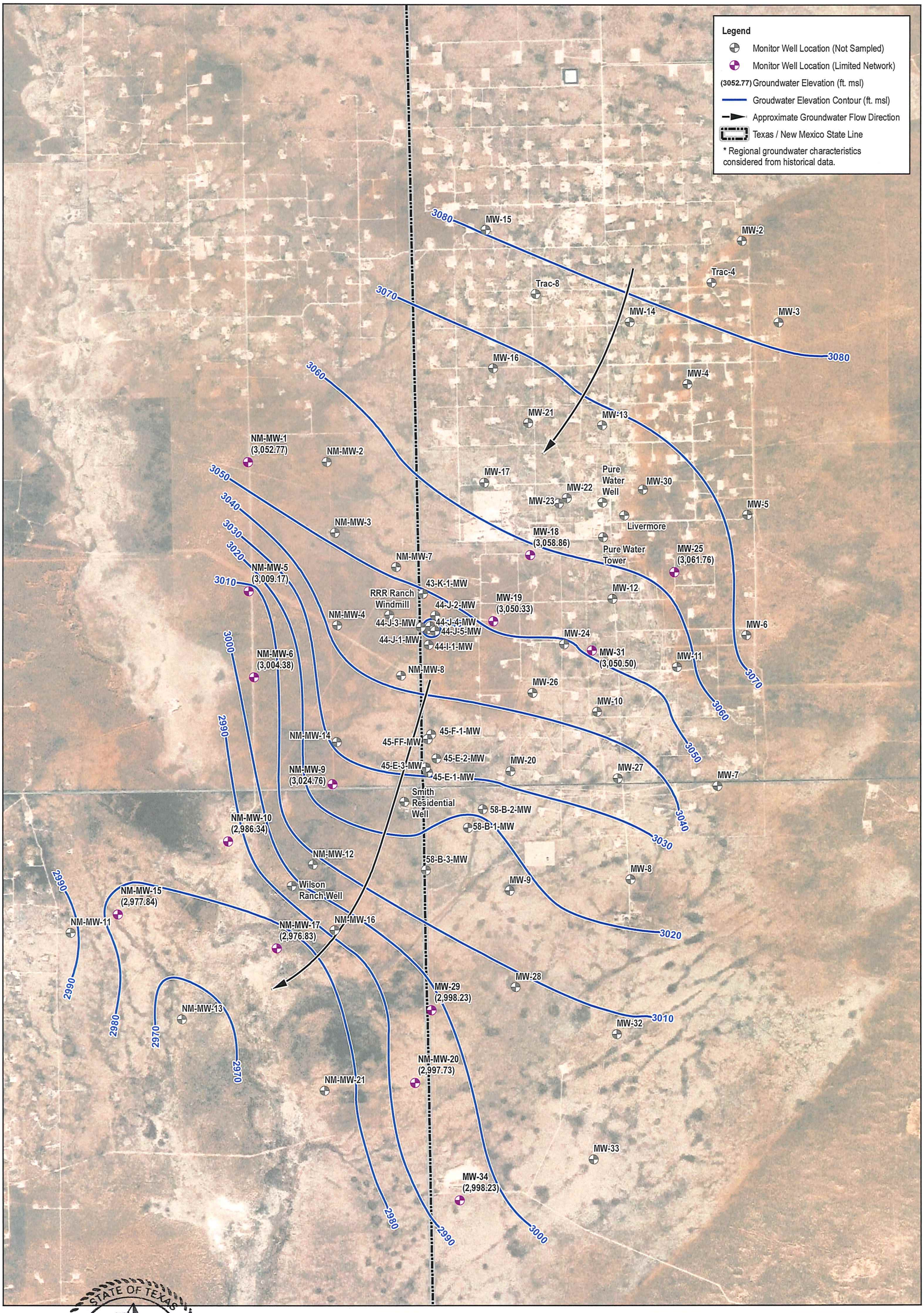

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2/20/23

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Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
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ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

SEPTEMBER 2022 GROUNDWATER POTENTIOMETRIC ELEVATIONS AND CONTOURS

Project No. 12586708
Revision No. -
Date Feb 16, 2023

FIGURE 3

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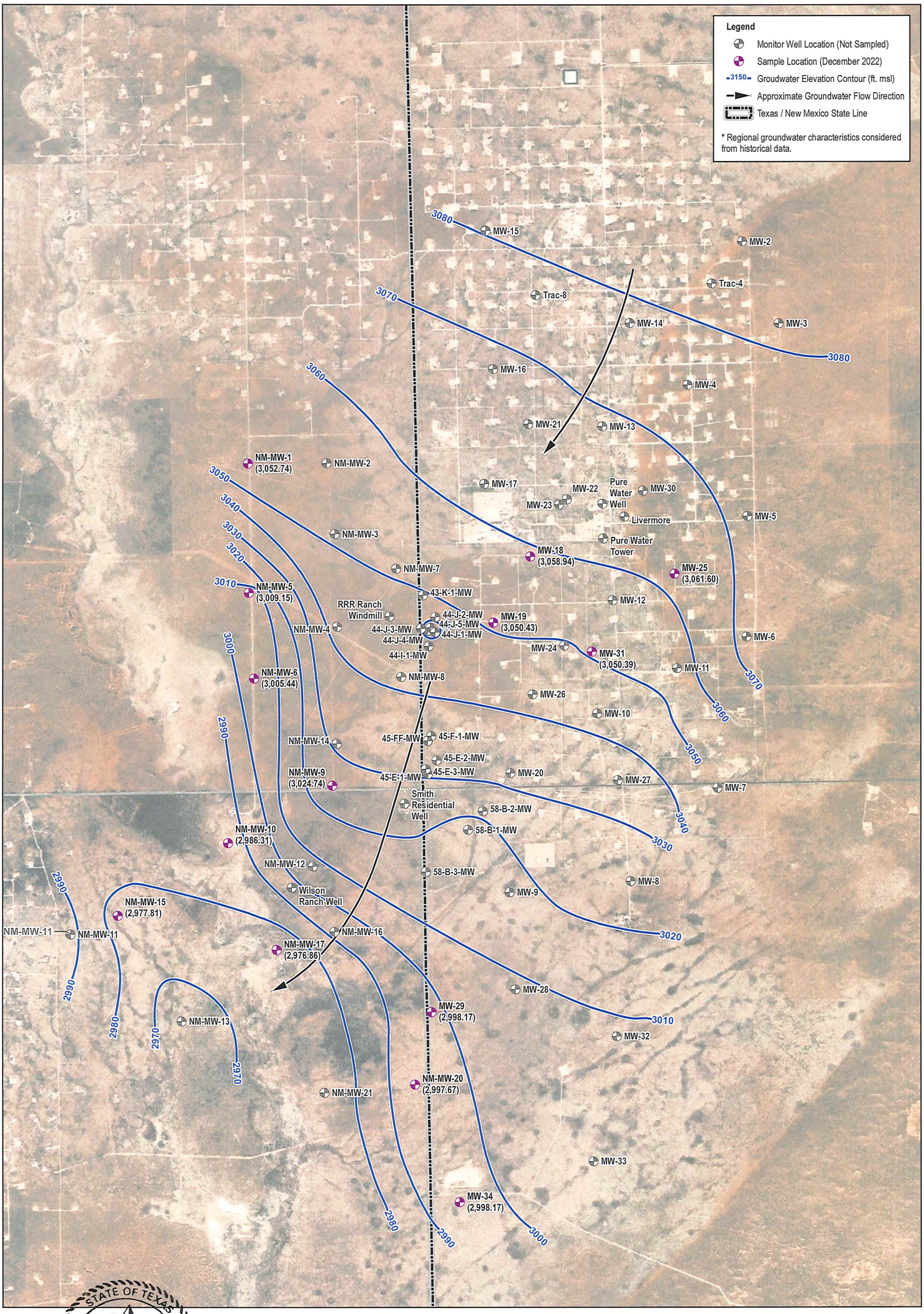

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ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

DECEMBER 2022
GROUNDWATER POTENTIOMETRIC ELEVATIONS AND CONTOURS

Project No. 12586708
Revision No. -
Date Feb 16, 2023

FIGURE 4

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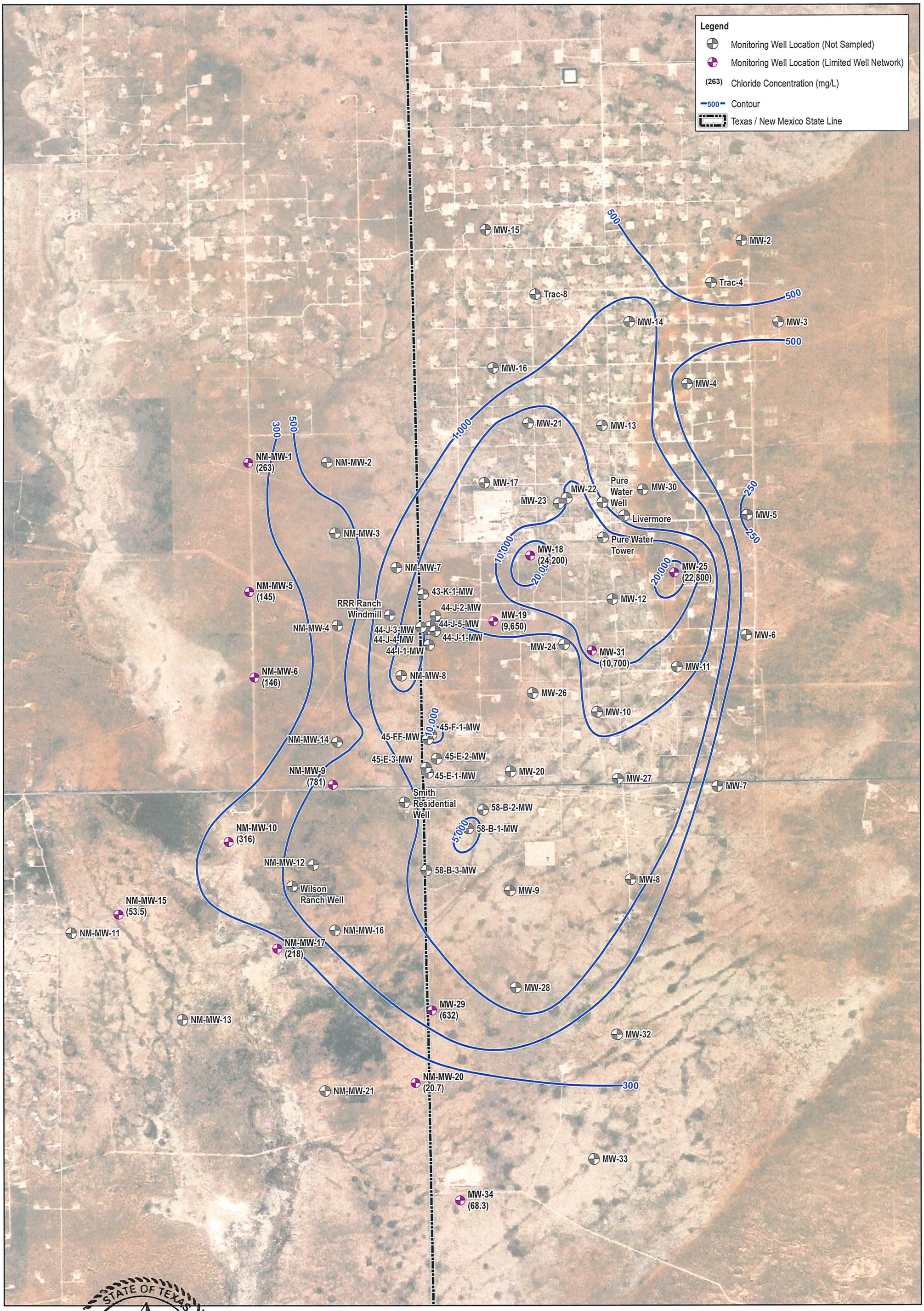

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Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 13N

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SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

SEPTEMBER 2022 GROUNDWATER CHLORIDE CONCENTRATIONS & ISOPLETHS

Project No. 12586708
Revision No. -
Date Feb 16, 2023

FIGURE 5

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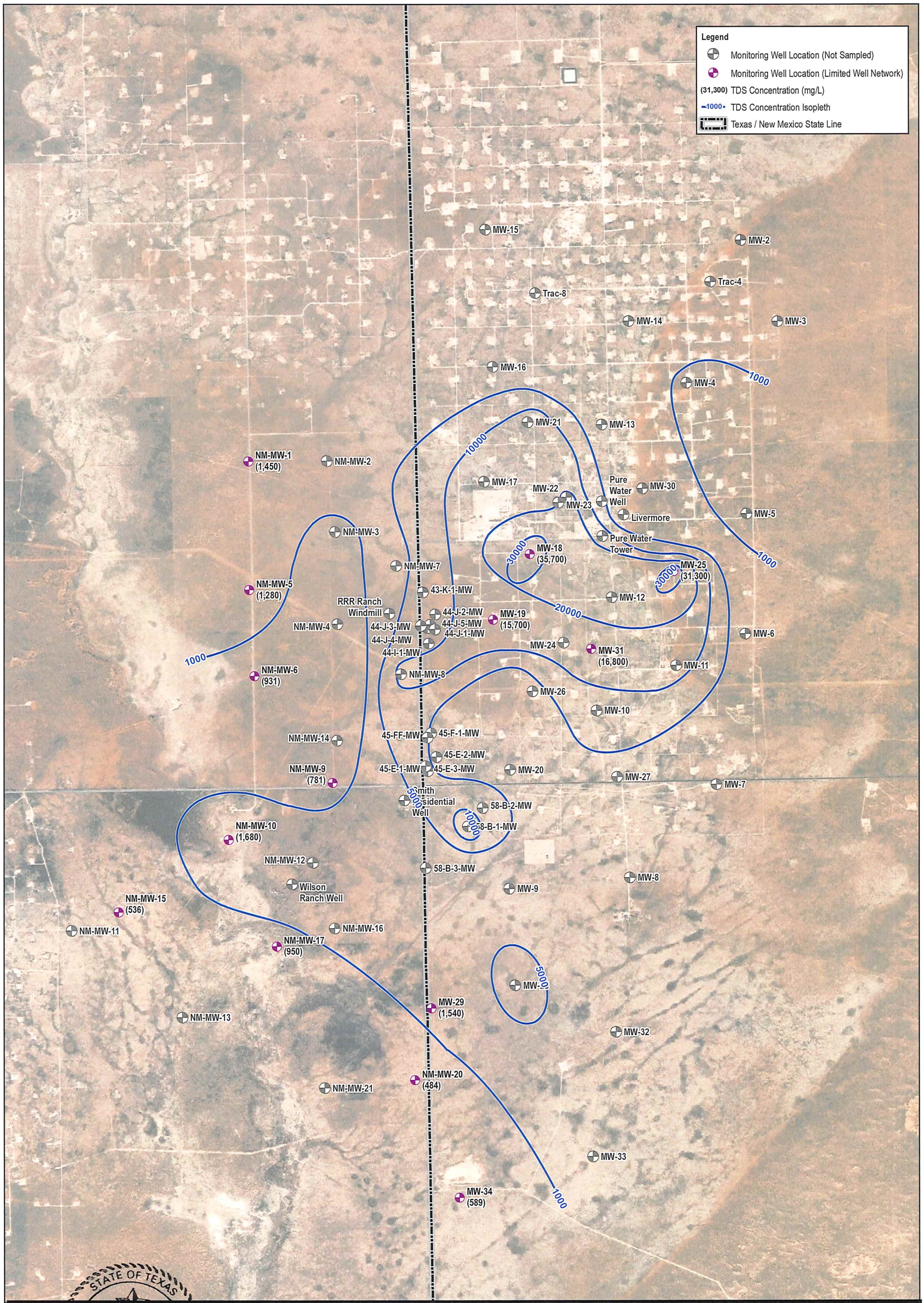

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Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 13N

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SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

SEPTEMBER 2022
GROUNDWATER TOTAL DISSOLVED SOLIDS CONCENTRATIONS & ISOPLETHS

Project No. 12586708
Revision No. -
Date Feb 16, 2023

FIGURE 6

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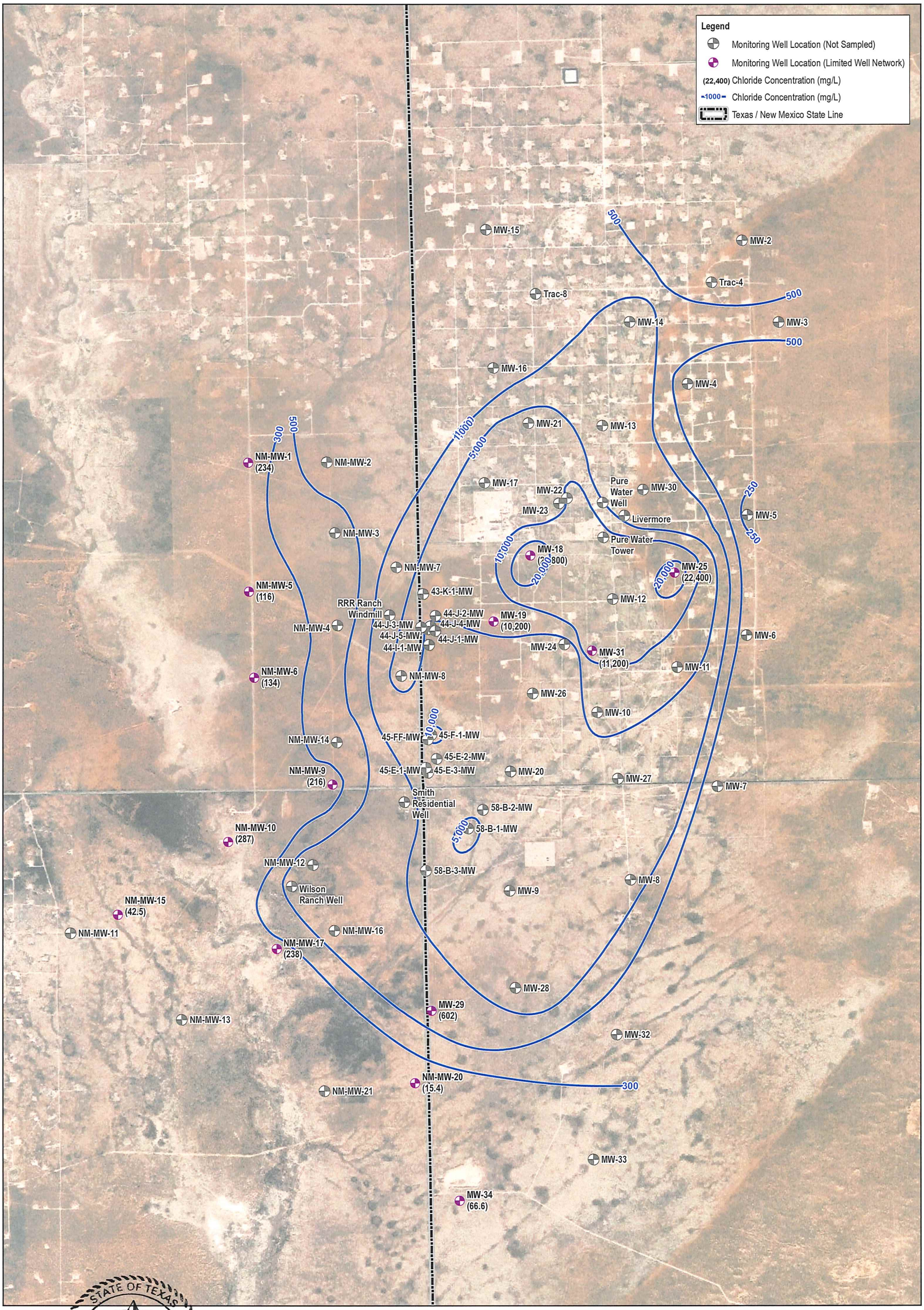

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Horizontal Datum: North American 1983
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SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

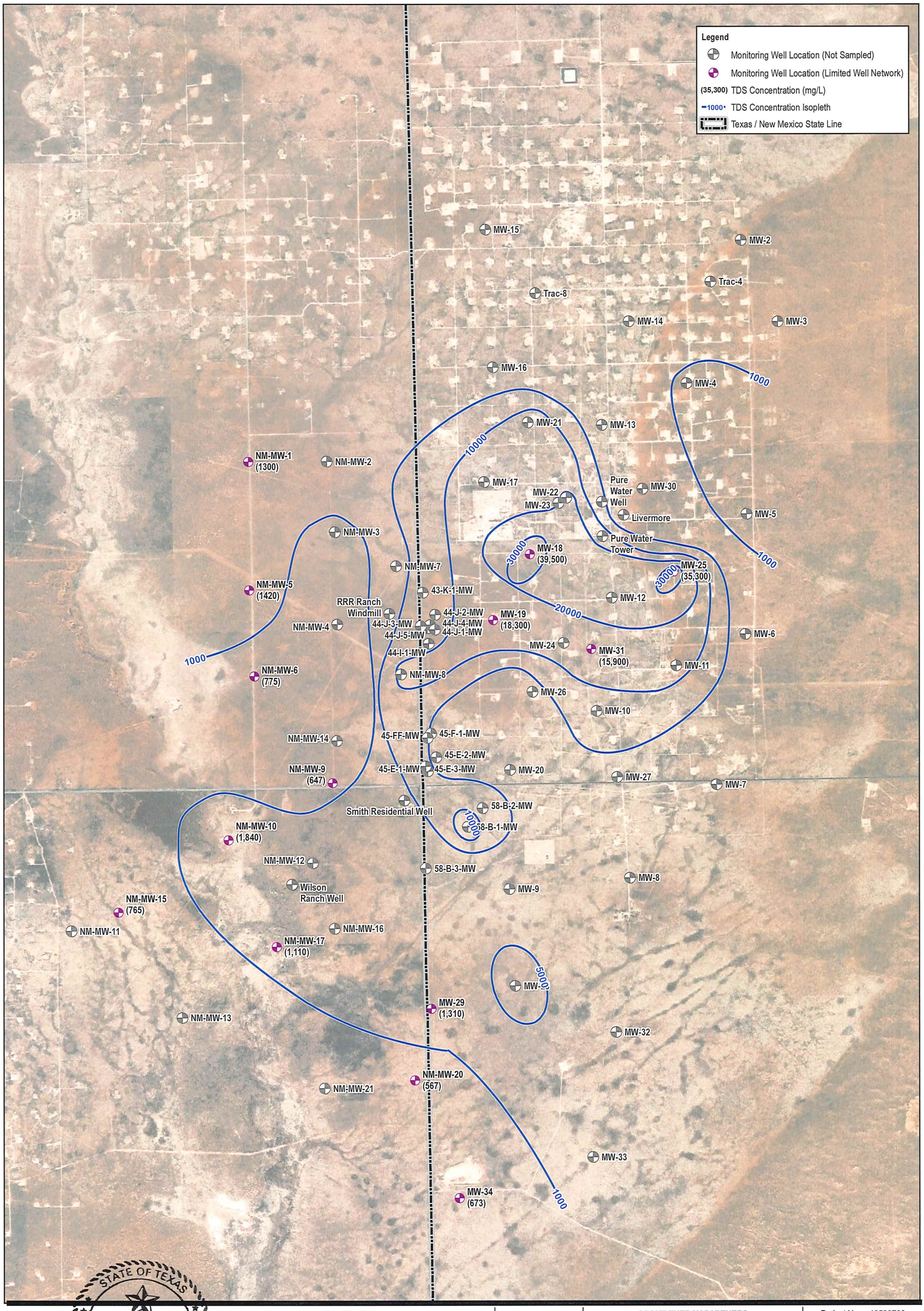
DECEMBER 2022 GROUNDWATER CHLORIDE CONCENTRATIONS & ISOPLETHS

Project No. 12586708
Revision No. -
Date Feb 16, 2023

FIGURE 7

Q:\GIS\PROJECTS\12586000s\12586708\2H2022\12586708_202301_2H2022_GIS008.mxd
Print date: 16 Feb 2023 - 15:02

Data source: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.
Created by: jpatterson4



STATE OF TEXAS
STEPHEN SALLER
GEOLOGY
13096
LICENSED
PROFESSIONAL GEOSCIENTIST
5/9/23

Paper Size ANSI B

0 840 1,680 2,520 3,360

Feet

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 13N

N

GHD

SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

DECEMBER 2022
GROUNDWATER TOTAL DISSOLVED SOLIDS CONCENTRATIONS & ISOPLETHS

Project No. 12586708
Revision No. -
Date Feb 16, 2023

FIGURE 8

Q:\GIS\PROJECTS\12586000s\12586708\2H2022\12586708_202301_2H2022_GIS007.mxd
Print date: 16 Feb 2023 - 14:57

Data source: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.
Created by: jpatterson4

Appendices

Appendix A

Historical Groundwater Elevations

Appendix A

Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
Monitor Wells						
43-K-1-MW						
NM	2/28/2007	NM	94.85	NA	NA	NA
	1/22/2008	112.95	95.26	NA	NA	NA
	7/7/2008	NM	95.33	NA	NA	NA
	8/26/2009	114.28	95.69	NA	NA	NA
	1/28/2009	112.95	95.32	NA	NA	NA
	8/16/2010	NM	95.40	NA	NA	NA
	2/11/2011	112.00	95.45	NA	NA	NA
	8/2/2011	112.91	94.79	NA	NA	NA
	1/30/2013	112.90	95.23	NA	NA	NA
	1/13/2014	112.96	92.33	NA	NA	NA
	7/14/2014	NM	95.29	NA	NA	NA
	1/12/2015	NM	95.21	NA	NA	NA
	7/14/2015	NM	95.00	NA	NA	NA
	1/25/2016	116.47	94.90	NA	NA	NA
	7/20/2016	NM	94.87	NA	NA	NA
	1/11/2017	NM	94.82	NA	NA	NA
	7/13/2017	NM	95.00	NA	NA	NA
	1/12/2018	NM	94.61	NA	NA	NA
	7/2/2018	NM	94.47	NA	NA	NA
	1/7/2019	NM	94.20	NA	NA	NA
	7/11/2019	112.89	94.16	NA	NA	NA
	1/15/2020	NM	93.99	NA	NA	NA
	7/7/2020	112.89	93.85	NA	NA	NA
	1/6/2021	112.89	93.85	NA	NA	NA
	7/21/2021	NM	93.80	NA	NA	NA
	1/24/2022	NM	93.40	NA	NA	NA
	6/29/2022	NM	NM	NA	NA	NA
44-I-1-MW						
3,133.50	6/13/2006	108.25	93.55	NA	NA	3,039.95
	8/15/2006	110.00	96.85	NA	NA	3,036.65
	9/13/2006	106.38	96.91	NA	NA	3,036.59
	9/20/2006	110.00	96.72	NA	NA	3,036.78
	10/4/2006	110.00	96.94	NA	NA	3,036.56
	12/8/2006	111.05	97.09	NA	NA	3,036.41
	2/13/2007	108.25	96.85	NA	NA	3,036.65
	2/28/2007	NM	96.85	NA	NA	3,036.65
	7/30/2007	108.25	96.88	NA	NA	3,036.62
	1/22/2008	108.25	97.05	NA	NA	3,036.45
	7/9/2008	108.25	97.13	NA	NA	3,036.37
	1/28/2009	108.25	97.46	NA	NA	3,036.04
	8/27/2009	106.20	97.57	NA	NA	3,035.93
	2/19/2010	NM	97.31	NA	NA	3,036.19
	8/16/2010	NM	97.30	NA	NA	3,036.20
	2/11/2011	NM	96.68	NA	NA	3,036.82
	8/2/2011	106.70	96.17	NA	NA	3,037.33
	8/15/2012	106.65	96.21	NA	NA	3,037.29
	1/30/2013	106.26	95.97	NA	NA	3,037.53
	7/30/2013	106.65	96.18	NA	NA	3,037.32
	1/13/2014	106.65	96.21	NA	NA	3,037.29
	7/14/2014	111.17	95.85	NA	NA	3,037.65
	1/12/2015	NM	96.27	NA	NA	3,037.23
	7/14/2015	NM	95.91	NA	NA	3,037.59
3,138.93	1/25/2016	106.94	95.96	NA	NA	3,042.97
	7/20/2016	NM	96.10	NA	NA	3,042.83
	1/12/2017	NM	95.84	NA	NA	3,043.09
	7/13/2017	NM	96.03	NA	NA	3,042.90
	1/12/2018	NM	95.64	NA	NA	3,043.29
	7/2/2018	NM	95.94	NA	NA	3,042.99
	1/9/2019	NM	95.82	NA	NA	3,043.11
	7/11/2019	106.21	95.53	NA	NA	3,043.40
	1/14/2020	NM	95.39	NA	NA	3,043.54
	7/9/2020	106.12	95.10	NA	NA	3,043.83
	1/6/2021	106.07	95.20	NA	NA	3,043.73
	7/21/2021	NM	94.99	NA	NA	3,043.94
	1/21/2022	NM	94.89	NA	NA	3,044.04
	6/29/2022	NM	NM	NA	NA	NA
44-J-1-MW						
3,134.50	6/13/2006	111.04	96.31	NA	NA	3,038.19
	7/13/2006	111.04	96.38	NA	NA	3,038.12
	8/15/2006	111.00	96.53	NA	NA	3,037.97
	9/13/2006	110.00	96.54	NA	NA	3,037.96
	9/20/2006	111.00	96.40	NA	NA	3,038.10
	10/4/2006	111.00	96.64	NA	NA	3,037.86
	12/8/2006	111.97	97.41	NA	NA	3,037.09

Appendix A

Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	2/13/2007	111.04	96.39	NA	NA	3,038.11
	2/28/2007	NM	96.39	NA	NA	3,038.11
	7/30/2007	111.04	96.51	NA	NA	3,037.99
	1/22/2008	111.04	96.86	NA	NA	3,037.64
	7/9/2008	111.04	96.90	NA	NA	3,037.60
	1/28/2009	111.04	97.21	NA	NA	3,037.29
	8/28/2009	110.40	97.27	NA	NA	3,037.23
	8/16/2010	NM	96.82	NA	NA	3,037.68
	2/11/2011	NM	96.42	NA	NA	3,038.08
	8/2/2011	110.72	95.90	NA	NA	3,038.60
	8/15/2012	110.04	96.03	NA	NA	3,038.47
	1/30/2013	110.69	95.79	NA	NA	3,038.71
	7/30/2013	110.80	95.92	NA	NA	3,038.58
	1/13/2014	110.81	95.96	NA	NA	3,038.54
	7/14/2014	110.76	95.91	NA	NA	3,038.59
	1/12/2015	NM	96.01	NA	NA	3,038.49
	1/25/2016	NM	95.72	NA	NA	3,038.78
	7/20/2016	NM	95.85	NA	NA	3,038.65
	1/12/2017	NM	95.60	NA	NA	3,038.90
	7/13/2017	NM	95.80	NA	NA	3,038.70
	1/12/2018	NM	95.41	NA	NA	3,039.09
	7/2/2018	NM	95.70	NA	NA	3,038.80
	1/9/2019	NM	95.57	NA	NA	3,038.93
	7/11/2019	110.59	95.29	NA	NA	3,039.21
	1/14/2020	NM	95.15	NA	NA	3,039.35
	7/9/2020	110.52	94.87	NA	NA	3,039.63
	1/6/2021	110.58	95.01	NA	NA	3,039.49
	7/21/2021	NM	94.76	NA	NA	3,039.74
	1/21/2022	NM	94.72	NA	NA	3,039.78
	6/29/2022	NM	NM	NA	NA	NA
44-J-2-MW						
3,135.30	6/13/2006	109.87	91.83	NA	NA	3,043.47
	7/13/2006	109.87	94.82	NA	NA	3,040.48
	8/15/2006	110.00	94.97	NA	NA	3,040.33
	9/13/2006	110.00	95.01	NA	NA	3,040.29
	9/20/2006	110.00	94.97	NA	NA	3,040.33
	10/4/2006	110.00	96.56	NA	NA	3,038.74
	12/8/2006	114.32	95.14	NA	NA	3,040.16
	2/13/2007	109.87	94.68	NA	NA	3,040.62
	2/28/2007	NM	94.68	NA	NA	3,040.62
	7/30/2007	109.87	94.82	NA	NA	3,040.48
	1/22/2008	109.87	95.04	NA	NA	3,040.26
	7/9/2008	109.87	95.10	NA	NA	3,040.20
	1/28/2009	109.87	95.29	NA	NA	3,040.01
	8/28/2009	109.00	95.37	NA	NA	3,039.93
	2/19/2010	NM	94.56	NA	NA	3,040.74
	8/16/2010	NM	95.04	NA	NA	3,040.26
	2/11/2011	NM	94.99	NA	NA	3,040.31
	8/2/2011	108.75	94.48	NA	NA	3,040.82
	8/15/2012	108.80	94.99	NA	NA	3,040.31
	1/30/2013	108.90	94.57	NA	NA	3,040.73
	7/30/2013	109.00	94.61	NA	NA	3,040.69
	1/13/2014	109.03	94.56	NA	NA	3,040.74
	7/14/2014	109.02	94.65	NA	NA	3,040.65
	1/12/2015	NM	94.68	NA	NA	3,040.62
	7/14/2015	NM	94.43	NA	NA	3,040.87
	1/25/2016	109.01	94.39	NA	NA	3,040.91
	7/20/2016	NM	94.45	NA	NA	3,040.85
	1/12/2017	NM	94.30	NA	NA	3,041.00
	7/13/2017	NM	94.48	NA	NA	3,040.82
	1/12/2018	NM	94.15	NA	NA	3,041.15
	7/2/2018	NM	94.31	NA	NA	3,040.99
	1/9/2019	NM	94.14	NA	NA	3,041.16
	7/11/2019	108.70	93.94	NA	NA	3,041.36
	1/14/2020	NM	93.85	NA	NA	3,041.45
	7/9/2020	108.67	93.61	NA	NA	3,041.69
	1/6/2021	108.69	93.66	NA	NA	3,041.64
	7/21/2021	NM	93.53	NA	NA	3,041.77
	1/21/2022	NM	93.37	NA	NA	3,041.93
	6/29/2022	NM	NM	NA	NA	NA
44-J-3-MW						
3,135.25	7/13/2006	113.00	96.77	NA	NA	3,038.48
	8/7/2006	113.00	96.94	NA	NA	3,038.31
	8/15/2006	113.00	96.98	NA	NA	3,038.27
	9/13/2006	113.00	97.01	NA	NA	3,038.24

Appendix A

Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	9/20/2006	113.00	95.96	NA	NA	3,039.29
	10/4/2006	113.00	97.10	NA	NA	3,038.15
	12/8/2006	120.40	97.04	NA	NA	3,038.21
	1/22/2008	114.55	97.63	NA	NA	3,037.62
	8/28/2009	114.60	97.97	NA	NA	3,037.28
	2/19/2010	NM	97.21	NA	NA	3,038.04
	8/16/2010	NM	97.20	NA	NA	3,038.05
	2/11/2011	110.00	96.74	NA	NA	3,038.51
	8/2/2011	114.71	96.27	NA	NA	3,038.98
	1/30/2013	114.83	96.17	NA	NA	3,039.08
	7/30/2013	114.55	96.22	NA	NA	3,039.03
	1/13/2014	114.55	96.25	NA	NA	3,039.00
	7/14/2014	114.51	96.23	NA	NA	3,039.02
	1/12/2015	NM	96.30	NA	NA	3,038.95
	7/14/2015	NM	96.01	NA	NA	3,039.24
3,140.19	1/25/2016	114.59	96.02	NA	NA	3,044.17
	7/20/2016	NM	96.03	NA	NA	3,044.16
	1/13/2017	NM	95.94	NA	NA	3,044.25
	7/13/2017	NM	96.05	NA	NA	3,044.14
	1/12/2018	NM	95.72	NA	NA	3,044.47
	7/2/2018	NM	95.87	NA	NA	3,044.32
	1/9/2019	NM	95.66	NA	NA	3,044.53
	7/11/2019	114.35	95.49	NA	NA	3,044.70
	1/14/2020	NM	95.39	NA	NA	3,044.80
	7/9/2020	114.42	95.15	NA	NA	3,045.04
	1/6/2021	114.45	95.25	NA	NA	3,044.94
	7/21/2021	NM	94.02	NA	NA	3,046.17
	1/21/2022	NM	94.88	NA	NA	3,045.31
	6/29/2022	NM	NM	NA	NA	NA
44-J-4-MW						
3,133.69	7/13/2006	111.00	95.79	NA	NA	3,037.90
	8/7/2006	111.00	95.97	NA	NA	3,037.72
	8/15/2006	111.00	96.02	NA	NA	3,037.67
	9/13/2006	111.00	96.04	NA	NA	3,037.65
	9/20/2006	111.00	96.00	NA	NA	3,037.69
	10/4/2006	111.00	96.11	NA	NA	3,037.58
	12/8/2006	115.05	96.09	NA	NA	3,037.60
	1/22/2008	113.40	96.77	NA	NA	3,036.92
	8/27/2009	113.20	97.09	NA	NA	3,036.60
	2/19/2010	NM	96.26	NA	NA	3,037.43
	8/16/2010	NM	96.23	NA	NA	3,037.46
	2/11/2011	110.00	95.74	NA	NA	3,037.95
	8/2/2011	113.43	95.22	NA	NA	3,038.47
	1/30/2013	113.25	95.14	NA	NA	3,038.55
	7/30/2013	112.95	95.19	NA	NA	3,038.50
	1/13/2014	112.93	95.22	NA	NA	3,038.47
	7/14/2014	112.94	95.21	NA	NA	3,038.48
	1/12/2015	NM	95.25	NA	NA	3,038.44
	7/14/2015	NM	94.98	NA	NA	3,038.71
	1/25/2016	112.98	94.98	NA	NA	3,038.71
	7/20/2016	NM	95.03	NA	NA	3,038.66
	1/12/2017	NM	94.92	NA	NA	3,038.77
	7/13/2017	NM	95.03	NA	NA	3,038.66
	1/12/2018	NM	94.71	NA	NA	3,038.98
	7/2/2018	NM	94.87	NA	NA	3,038.82
	1/9/2019	NM	94.62	NA	NA	3,039.07
	7/11/2019	113.25	94.48	NA	NA	3,039.21
	1/14/2020	NM	94.37	NA	NA	3,039.32
	7/9/2020	113.30	94.13	NA	NA	3,039.56
	1/6/2021	113.31	94.22	NA	NA	3,039.47
	7/21/2021	NM	94.00	NA	NA	3,039.69
	1/21/2022	NM	93.87	NA	NA	3,039.82
	6/29/2022	NM	NM	NA	NA	NA
44-J-5-MW						
3,134.75	6/13/2006	110.00	96.83	NA	NA	3,037.92
	7/13/2006	110.00	96.83	NA	NA	3,037.92
	8/7/2006	110.00	97.00	NA	NA	3,037.75
	8/15/2006	110.00	97.01	NA	NA	3,037.74
	9/13/2006	110.00	97.05	NA	NA	3,037.70
	9/20/2006	110.00	97.02	NA	NA	3,037.73
	10/4/2006	110.00	97.13	NA	NA	3,037.62
	12/8/2006	117.61	97.13	NA	NA	3,037.62
	1/22/2008	113.70	97.53	NA	NA	3,037.22
	8/27/2009	113.60	97.88	NA	NA	3,036.87
	8/16/2010	NM	97.23	NA	NA	3,037.52
	2/11/2011	NM	96.84	NA	NA	3,037.91

Appendix A

Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	8/2/2011	113.71	96.32	NA	NA	3,038.43
	1/30/2013	113.70	96.23	NA	NA	3,038.52
	7/30/2013	113.23	96.30	NA	NA	3,038.45
	1/13/2014	113.25	96.33	NA	NA	3,038.42
	7/14/2014	113.20	96.30	NA	NA	3,038.45
	1/12/2015	NM	96.38	NA	NA	3,038.37
	7/14/2015	NM	96.10	NA	NA	3,038.65
	1/25/2016	113.26	96.10	NA	NA	3,038.65
	7/20/2016	NM	96.14	NA	NA	3,038.61
	1/12/2017	NM	96.02	NA	NA	3,038.73
	7/13/2017	NM	96.16	NA	NA	3,038.59
	1/12/2018	NM	95.80	NA	NA	3,038.95
	7/2/2018	NM	95.98	NA	NA	3,038.77
	1/9/2019	NM	95.81	NA	NA	3,038.94
	7/11/2019	113.11	95.59	NA	NA	3,039.16
	1/14/2020	NM	95.48	NA	NA	3,039.27
	7/9/2020	113.67	95.24	NA	NA	3,039.51
	1/6/2021	113.68	95.35	NA	NA	3,039.40
	7/21/2021	NM	95.03	NA	NA	3,039.72
	1/21/2022	NM	94.94	NA	NA	3,039.81
	6/29/2022	NM	NM	NA	NA	NA
45-E-1-MW						
NM	9/12/2006	NM	88.92	NA	NA	NA
	12/8/2006	105.50	89.15	NA	NA	NA
	2/13/2007	107.06	88.51	NA	NA	NA
	2/28/2007	NM	88.51	NA	NA	NA
	7/30/2007	107.06	88.95	NA	NA	NA
	1/22/2008	107.06	90.04	NA	NA	NA
	7/9/2008	107.06	89.31	NA	NA	NA
	1/28/2009	107.06	89.31	NA	NA	NA
	8/27/2009	102.95	89.72	NA	NA	NA
	8/16/2010	NM	90.37	NA	NA	NA
	2/11/2011	NM	90.36	NA	NA	NA
	8/2/2011	103.00	89.70	NA	NA	NA
	1/25/2016	103.31	90.58	NA	NA	NA
	7/20/2016	NM	90.65	NA	NA	NA
	1/12/2017	NM	90.20	NA	NA	NA
	7/13/2017	NM	89.96	NA	NA	NA
	1/12/2018	NM	88.74	NA	NA	NA
	7/2/2018	NM	88.37	NA	NA	NA
	1/9/2019	NM	87.95	NA	NA	NA
	7/11/2019	102.23	87.66	NA	NA	NA
	1/14/2020	NM	87.44	NA	NA	NA
	7/9/2020	102.90	87.16	NA	NA	NA
	1/6/2021	102.91	87.13	NA	NA	NA
	7/21/2021	NM	88.90	NA	NA	NA
	1/21/2022	NM	86.69	NA	NA	NA
	6/29/2022	NM	NM	NA	NA	NA
45-E-2-MW						
NM	9/12/2006	NM	81.36	NA	NA	NA
	12/8/2006	104.00	86.58	NA	NA	NA
	2/13/2007	109.28	85.82	NA	NA	NA
	2/28/2007	NM	85.82	NA	NA	NA
	7/30/2007	109.28	86.49	NA	NA	NA
	1/22/2008	109.28	86.58	NA	NA	NA
	7/9/2008	109.28	86.86	NA	NA	NA
	1/28/2009	109.28	86.79	NA	NA	NA
	8/26/2009	104.20	87.28	NA	NA	NA
	8/16/2010	NM	87.84	NA	NA	NA
	2/11/2011	NM	88.03	NA	NA	NA
	8/2/2011	104.25	87.21	NA	NA	NA
	8/15/2012	104.23	87.82	NA	NA	NA
	1/25/2016	104.48	88.34	NA	NA	NA
	7/20/2016	NM	88.33	NA	NA	NA
	1/12/2017	NM	87.93	NA	NA	NA
	7/13/2017	NM	87.62	NA	NA	NA
	1/12/2018	NM	86.23	NA	NA	NA
	7/2/2018	NM	88.85	NA	NA	NA
	1/9/2019	NM	85.41	NA	NA	NA
	7/11/2019	104.10	85.11	NA	NA	NA
	1/14/2020	NM	84.89	NA	NA	NA
	7/9/2020	104.06	84.62	NA	NA	NA
	1/6/2021	104.11	84.57	NA	NA	NA
	7/21/2021	NM	84.33	NA	NA	NA
	1/21/2022	NM	84.11	NA	NA	NA
	6/29/2022	NM	NM	NA	NA	NA

Appendix A

Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
45-E-3-MW						
NM	2/13/2007	107.95	88.68	NA	NA	NA
	2/28/2007	NM	88.68	NA	NA	NA
	7/26/2007	107.95	89.30	NA	NA	NA
	1/22/2008	107.95	89.54	NA	NA	NA
	7/8/2008	107.95	89.70	NA	NA	NA
	1/28/2006	107.95	89.70	NA	NA	NA
	8/26/2009	110.00	90.06	NA	NA	NA
	8/16/2010	NM	90.63	NA	NA	NA
	2/11/2011	107.00	90.74	NA	NA	NA
	8/2/2011	107.91	90.19	NA	NA	NA
	7/20/2016	NM	91.05	NA	NA	NA
	1/11/2017	NM	90.50	NA	NA	NA
	7/13/2017	NM	90.37	NA	NA	NA
	1/12/2018	NM	89.35	NA	NA	NA
	7/2/2018	NM	88.75	NA	NA	NA
	1/9/2019	NM	88.41	NA	NA	NA
	7/11/2019	107.18	88.13	NA	NA	NA
	1/15/2020	NM	87.87	NA	NA	NA
	7/7/2020	107.91	87.66	NA	NA	NA
	1/6/2021	107.91	87.66	NA	NA	NA
	7/21/2021	NM	87.41	NA	NA	NA
	1/24/2022	NM	86.96	NA	NA	NA
	6/29/2022	NM	NM	NA	NA	NA
45-F-1-MW						
NM	6/13/2006	108.19	90.99	NA	NA	NA
	9/12/2006	NM	90.15	NA	NA	NA
	12/8/2006	107.40	90.34	NA	NA	NA
	2/13/2007	108.19	90.22	NA	NA	NA
	2/28/2007	NM	90.02	NA	NA	NA
	7/30/2007	108.19	90.22	NA	NA	NA
	1/22/2008	108.19	90.52	NA	NA	NA
	7/9/2008	108.19	90.63	NA	NA	NA
	1/28/2009	108.19	90.81	NA	NA	NA
	8/27/2009	106.80	90.93	NA	NA	NA
	8/16/2010	NM	91.41	NA	NA	NA
	2/11/2011	NM	91.52	NA	NA	NA
	8/2/2011	107.03	91.15	NA	NA	NA
	8/15/2012	108.02	91.40	NA	NA	NA
	1/30/2013	106.82	91.29	NA	NA	NA
	7/30/2013	107.90	91.70	NA	NA	NA
	1/14/2013	107.94	91.71	NA	NA	NA
	7/14/2014	107.87	91.53	NA	NA	NA
	1/12/2015	NM	91.78	NA	NA	NA
	7/14/2015	NM	91.62	NA	NA	NA
	1/25/2016	107.90	91.72	NA	NA	NA
	7/20/2016	NM	91.56	NA	NA	NA
	1/12/2017	NM	91.40	NA	NA	NA
	7/13/2017	NM	90.96	NA	NA	NA
	1/12/2018	NM	90.44	NA	NA	NA
	7/2/2018	NM	90.14	NA	NA	NA
	1/9/2019	NM	89.78	NA	NA	NA
	7/11/2019	106.79	89.49	NA	NA	NA
	1/14/2020	NM	89.28	NA	NA	NA
	7/9/2020	106.90	88.99	NA	NA	NA
	1/6/2021	106.88	88.95	NA	NA	NA
	7/21/2021	NM	88.74	NA	NA	NA
	1/20/2022	NM	88.71	NA	NA	NA
	6/29/2022	NM	NM	NA	NA	NA
45-FF-MW						
3,122.70	6/13/2006	111.19	90.57	NA	NA	3,032.13
	9/12/2006	NM	90.77	NA	NA	3,031.93
	12/8/2006	114.00	90.94	NA	NA	3,031.76
	2/13/2007	111.19	90.58	NA	NA	3,032.12
	2/28/2007	NM	90.58	NA	NA	3,032.12
	7/30/2007	111.19	90.81	NA	NA	3,031.89
	1/22/2008	111.19	91.16	NA	NA	3,031.54
	7/9/2008	111.19	91.22	NA	NA	3,031.48
	1/28/2009	111.19	91.16	NA	NA	3,031.54
	8/27/2009	107.50	91.54	NA	NA	3,031.16
	8/16/2010	NM	92.01	NA	NA	3,030.69
	2/11/2011	NM	92.19	NA	NA	3,030.51
	8/2/2011	111.11	91.71	NA	NA	3,030.99
	1/30/2013	110.91	91.92	NA	NA	3,030.78
	7/30/2013	110.50	92.30	NA	NA	3,030.40
	1/13/2014	110.51	92.33	NA	NA	3,030.37

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/14/2014	110.48	92.02	NA	NA	3,030.68
	1/12/2015	NM	92.41	NA	NA	3,030.29
	7/14/2015	NM	92.30	NA	NA	3,030.40
	1/25/2016	110.94	92.36	NA	NA	3,030.34
	7/20/2016	NM	92.16	NA	NA	3,030.54
	1/12/2017	NM	91.96	NA	NA	3,030.74
	7/13/2017	NM	91.55	NA	NA	3,031.15
	1/12/2018	NM	90.90	NA	NA	3,031.80
	7/2/2018	NM	90.54	NA	NA	3,032.16
	1/9/2019	NM	90.31	NA	NA	3,032.39
	7/11/2019	110.16	89.90	NA	NA	3,032.80
	1/14/2020	NM	89.70	NA	NA	3,033.00
	7/9/2020	110.80	89.43	NA	NA	3,033.27
	1/6/2021	110.83	89.38	NA	NA	3,033.32
	7/21/2021	NM	89.14	NA	NA	3,033.56
	1/21/2022	NM	88.97	NA	NA	3,033.73
	6/29/2022	NM	NM	NA	NA	NA
58-B-1-MW						
3,100.59	6/14/2006	NM	NM	NA	NA	NA
	9/12/2006	NM	87.12	NA	NA	3,013.47
	12/8/2006	106.20	87.06	NA	NA	3,013.53
	2/13/2007	105.50	87.02	NA	NA	3,013.57
	2/28/2007	NM	87.02	NA	NA	3,013.57
	7/26/2007	105.50	87.37	NA	NA	3,013.22
	1/22/2008	105.50	87.79	NA	NA	3,012.80
	7/8/2008	105.50	87.67	NA	NA	3,012.92
	1/28/2009	104.79	87.67	NA	NA	3,012.92
	8/26/2009	104.80	87.77	NA	NA	3,012.82
	8/16/2010	NM	87.88	NA	NA	3,012.71
	2/11/2011	NM	87.43	NA	NA	3,013.16
	8/5/2011	104.55	87.00	NA	NA	3,013.59
	8/15/2012	104.59	88.12	NA	NA	3,012.47
	1/30/2013	107.53	87.76	NA	NA	3,012.83
	7/30/2013	104.50	88.56	NA	NA	3,012.03
	1/13/2014	104.56	88.60	NA	NA	3,011.99
	7/14/2014	104.47	87.92	NA	NA	3,012.67
	1/12/2015	NM	88.38	NA	NA	3,012.21
	7/22/2016	NM	87.70	NA	NA	3,012.89
	1/13/2017	NM	87.20	NA	NA	3,013.39
	7/13/2017	NM	86.71	NA	NA	3,013.88
	1/12/2018	NM	85.34	NA	NA	3,015.25
	7/2/2018	NM	86.12	NA	NA	3,014.47
	1/7/2019	NM	85.76	NA	NA	3,014.83
	7/9/2019	104.40	85.69	NA	NA	3,014.90
	1/14/2020	NM	85.52	NA	NA	3,015.07
	7/8/2020	104.43	85.33	NA	NA	3,015.26
	1/5/2021	104.47	85.16	NA	NA	3,015.43
	7/21/2021	NM	85.10	NA	NA	3,015.49
	1/19/2022	NM	84.91	NA	NA	3,015.68
	6/29/2022	NM	NM	NA	NA	NA
58-B-2-MW						
3,111.91	6/14/2006	NM	NM	NA	NA	NA
	9/12/2006	NM	85.80	NA	NA	3,026.11
	12/8/2006	NM	85.60	NA	NA	3,026.31
	2/13/2007	105.45	85.61	NA	NA	3,026.30
	2/28/2007	NM	85.61	NA	NA	3,026.30
	7/26/2007	105.45	85.88	NA	NA	3,026.03
	1/22/2008	105.45	86.28	NA	NA	3,025.63
	7/8/2008	105.45	86.16	NA	NA	3,025.75
	1/28/2009	105.45	86.23	NA	NA	3,025.68
	8/26/2009	104.50	86.33	NA	NA	3,025.58
	8/16/2010	NM	86.42	NA	NA	3,025.49
	2/11/2011	NM	86.11	NA	NA	3,025.80
	8/2/2011	105.12	85.75	NA	NA	3,026.16
	8/15/2012	105.43	86.70	NA	NA	3,025.21
	7/14/2015	NM	88.61	NA	NA	3,023.30
	1/25/2016	105.08	85.92	NA	NA	3,025.99
	7/22/2016	NM	86.40	NA	NA	3,025.51
	1/13/2017	NM	85.92	NA	NA	3,025.99
	7/13/2017	NM	85.55	NA	NA	3,026.36
	1/12/2018	NM	86.47	NA	NA	3,025.44
	7/2/2018	NM	85.10	NA	NA	3,026.81
	1/7/2019	NM	84.75	NA	NA	3,027.16
	7/9/2019	104.47	84.67	NA	NA	3,027.24
	1/14/2020	NM	84.52	NA	NA	3,027.39
	7/9/2020	104.61	84.36	NA	NA	3,027.55
	1/5/2021	104.66	84.14	NA	NA	3,027.77

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/21/2021	NM	84.12	NA	NA	3,027.79
	1/19/2022	NM	83.91	NA	NA	3,028.00
	6/29/2022	NM	NM	NA	NA	NA
58-B-3-MW						
3,108.46	2/13/2007	100.75	89.48	NA	NA	3,018.98
	2/28/2007	NM	89.48	NA	NA	3,018.98
	7/26/2007	100.75	89.39	NA	NA	3,019.07
	1/22/2008	100.75	89.71	NA	NA	3,018.75
	7/8/2008	100.75	89.75	NA	NA	3,018.71
	1/28/2009	100.75	89.81	NA	NA	3,018.65
	8/26/2009	104.00	89.88	NA	NA	3,018.58
	8/16/2010	NM	90.05	NA	NA	3,018.41
	2/11/2011	102.00	90.02	NA	NA	3,018.44
	8/2/2011	100.68	89.97	NA	NA	3,018.49
	8/15/2012	100.73	90.11	NA	NA	3,018.35
	1/30/2013	100.89	90.16	NA	NA	3,018.30
	7/30/2013	100.80	90.24	NA	NA	3,018.22
	1/13/2014	100.80	90.33	NA	NA	3,018.13
	7/14/2014	100.79	90.39	NA	NA	3,018.07
	1/12/2015	NM	89.80	NA	NA	3,018.66
	7/14/2015	NM	90.06	NA	NA	3,018.40
	1/25/2016	100.78	90.08	NA	NA	3,018.38
	7/22/2016	NM	90.14	NA	NA	3,018.32
	1/10/2017	NM	90.02	NA	NA	3,018.44
	7/13/2017	NM	89.88	NA	NA	3,018.58
	1/12/2018	NM	89.78	NA	NA	3,018.68
	7/2/2018	NM	89.62	NA	NA	3,018.84
	1/7/2019	NM	89.36	NA	NA	3,019.10
	7/9/2019	100.68	89.37	NA	NA	3,019.09
	1/13/2020	NM	89.23	NA	NA	3,019.23
	7/7/2020	100.71	89.14	NA	NA	3,019.32
	1/5/2021	100.73	89.08	NA	NA	3,019.38
	7/21/2021	NM	89.03	NA	NA	3,019.43
	1/19/2022	NM	88.93	NA	NA	3,019.53
	6/29/2022	NM	NM	NA	NA	NA
MW-2						
3,204.56	8/7/2015	NM	104.07	NA	NA	3,100.49
	1/25/2016	109.14	109.05	NA	NA	3,095.51
	7/21/2016	NM	109.10	NA	NA	3,095.46
	1/12/2017	NM	109.20	NA	NA	3,095.36
	4/10/2017	109.71	DRY	NA	NA	DRY
	7/13/2017	NM	109.14	NA	NA	3,095.42
	10/3/2017	109.33	DRY	NA	NA	DRY
	1/12/2018	109.15	DRY	NA	NA	DRY
	4/2/2018	109.15	DRY	NA	NA	DRY
	7/2/2018	109.15	DRY	NA	NA	DRY
	10/1/2018	109.58	DRY	NA	NA	DRY
	1/8/2019	109.70	DRY	NA	NA	DRY
	4/9/2019	109.45	DRY	NA	NA	DRY
	7/9/2019	109.14	DRY	NA	NA	DRY
	10/9/2019	NM	DRY	NA	NA	DRY
	1/16/2020	NM	DRY	NA	NA	DRY
	4/7/2020	109.11	DRY	NA	NA	DRY
	7/6/2020	109.09	DRY	NA	NA	DRY
	10/12//20	109.13	DRY	NA	NA	DRY
	1/6/2021	109.13	DRY	NA	NA	DRY
	7/22/2021	109.20	DRY	NA	NA	DRY
	1/24/2022	NM	DRY	NA	NA	DRY
	6/29/2022	NM	NM	NA	NA	NA
MW-3						
3,199.51	8/7/2015	NM	112.88	NA	NA	3,086.63
	1/25/2016	119.30	112.95	NA	NA	3,086.56
	7/21/2016	NM	113.02	NA	NA	3,086.49
	1/11/2017	NM	112.95	NA	NA	3,086.56
	4/10/2017	NM	113.17	NA	NA	3,086.34
	7/13/2017	NM	113.04	NA	NA	3,086.47
	10/3/2017	NM	113.11	NA	NA	3,086.40
	1/12/2018	NM	113.04	NA	NA	3,086.47
	4/2/2018	NM	113.20	NA	NA	3,086.31
	7/2/2018	NM	113.09	NA	NA	3,086.42
	10/1/2018	NM	113.14	NA	NA	3,086.37
	1/8/2019	NM	113.10	NA	NA	3,086.41
	4/9/2019	NM	113.13	NA	NA	3,086.38
	7/10/2019	119.39	113.19	NA	NA	3,086.32
	10/9/2019	NM	113.78	NA	NA	3,085.73
	1/16/2020	NM	113.29	NA	NA	3,086.22

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	4/7/2020	119.44	113.24	NA	NA	3,086.27
	7/6/2020	119.38	113.28	NA	NA	3,086.23
	10/12/2020	119.39	113.30	NA	NA	3,086.21
	1/6/2021	119.39	113.37	NA	NA	3,086.14
	7/22/2021	NM	113.36	NA	NA	3,086.15
	1/24/2022	NM	113.13	NA	NA	3,086.38
	6/29/2022	NM	NM	NA	NA	NA
MW-4						
3,189.69	8/7/2015	NM	115.53	NA	NA	3,074.16
	1/25/2016	116.91	115.60	NA	NA	3,074.09
	7/21/2016	NM	115.65	NA	NA	3,074.04
	1/11/2017	NM	115.55	NA	NA	3,074.14
	4/10/2017	117.74	115.67	NA	NA	3,074.02
	7/13/2017	NM	115.64	NA	NA	3,074.05
	10/3/2017	118.13	115.65	NA	NA	3,074.04
	1/12/2018	NM	115.60	NA	NA	3,074.09
	4/2/2018	NM	115.70	NA	NA	3,073.99
	7/2/2018	NM	115.61	NA	NA	3,074.08
	10/1/2018	NM	115.72	NA	NA	3,073.97
	1/8/2019	NM	115.65	NA	NA	3,074.04
	4/9/2019	NM	115.70	NA	NA	3,073.99
	7/10/2019	116.93	115.74	NA	NA	3,073.95
	10/9/2019	NM	115.93	NA	NA	3,073.76
	1/16/2020	NM	115.86	NA	NA	3,073.83
	4/7/2020	117.55	115.76	NA	NA	3,073.93
	7/6/2020	117.04	115.80	NA	NA	3,073.89
	10/12/2020	117.06	115.85	NA	NA	3,073.84
	1/6/2021	117.06	115.85	NA	NA	3,073.84
	7/22/2021	NM	115.91	NA	NA	3,073.78
	1/24/2022	NM	115.76	NA	NA	3,073.93
	6/29/2022	NM	NM	NA	NA	NA
MW-5						
3,174.43	8/7/2015	NM	102.74	NA	NA	3,071.69
	1/25/2016	116.91	102.78	NA	NA	3,071.65
	7/21/2016	NM	102.84	NA	NA	3,071.59
	1/11/2017	NM	102.80	NA	NA	3,071.63
	4/10/2017	116.95	102.85	NA	NA	3,071.58
	7/13/2017	NM	102.88	NA	NA	3,071.55
	10/3/2017	NM	102.91	NA	NA	3,071.52
	1/12/2018	NM	102.95	NA	NA	3,071.48
	4/2/2018	NM	102.94	NA	NA	3,071.49
	7/2/2018	NM	102.93	NA	NA	3,071.50
	10/1/2018	NM	103.00	NA	NA	3,071.43
	1/8/2019	NM	102.90	NA	NA	3,071.53
	4/9/2019	NM	102.99	NA	NA	3,071.44
	7/10/2019	116.96	103.00	NA	NA	3,071.43
	10/9/2019	NM	103.02	NA	NA	3,071.41
	1/16/2020	NM	103.07	NA	NA	3,071.36
	4/7/2020	116.97	103.03	NA	NA	3,071.40
	7/6/2020	116.94	103.05	NA	NA	3,071.38
	10/12/2020	116.96	103.09	NA	NA	3,071.34
	1/7/2021	116.96	103.11	NA	NA	3,071.32
	7/22/2021	NM	103.12	NA	NA	3,071.31
	1/24/2022	NM	103.00	NA	NA	3,071.43
	6/29/2022	NM	NM	NA	NA	NA
MW-6						
3,165.25	8/7/2015	NM	93.97	NA	NA	3,071.28
	1/25/2016	130.94	94.21	NA	NA	3,071.04
	7/21/2016	NM	94.28	NA	NA	3,070.97
	1/11/2017	NM	94.01	NA	NA	3,071.24
	4/10/2017	130.83	94.21	NA	NA	3,071.04
	7/13/2017	NM	94.11	NA	NA	3,071.14
	10/3/2017	NM	94.14	NA	NA	3,071.11
	1/12/2018	NM	93.80	NA	NA	3,071.45
	4/2/2018	NM	94.18	NA	NA	3,071.07
	7/2/2018	NM	93.89	NA	NA	3,071.36
	10/1/2018	NM	93.90	NA	NA	3,071.35
	1/8/2019	NM	93.94	NA	NA	3,071.31
	4/9/2019	NM	93.74	NA	NA	3,071.51
	7/10/2019	128.94	93.92	NA	NA	3,071.33
	10/9/2019	NM	93.80	NA	NA	3,071.45
	1/15/2020	NM	94.01	NA	NA	3,071.24
	4/7/2020	130.92	93.99	NA	NA	3,071.26
	7/8/2020	130.89	94.03	NA	NA	3,071.22
	10/12/220	130.92	94.17	NA	NA	3,071.08
	1/7/2021	130.92	94.28	NA	NA	3,070.97

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/22/2021	NM	94.40	NA	NA	3,070.85
	1/24/2022	NM	94.09	NA	NA	3,071.16
	6/29/2022	NM	NM	NA	NA	NA
MW-7						
3,132.14	8/7/2015	NM	112.10	NA	NA	3,020.04
	1/25/2016	117.20	112.77	NA	NA	3,019.37
	7/21/2016	NM	114.50	NA	NA	3,017.64
	1/11/2017	NM	115.92	NA	NA	3,016.22
	4/10/2017	116.73	DRY	NA	NA	DRY
	7/13/2017	116.55	DRY	NA	NA	DRY
	10/3/2017	116.46	DRY	NA	NA	DRY
	1/12/2018	NM	DRY	NA	NA	DRY
	4/2/2018	116.66	DRY	NA	NA	DRY
	7/2/2018	116.70	DRY	NA	NA	DRY
	10/1/2018	116.61	DRY	NA	NA	DRY
	1/8/2019	116.61	DRY	NA	NA	DRY
	4/5/2019	117.09	DRY	NA	NA	DRY
	7/10/2019	116.59	DRY	NA	NA	DRY
	10/8/2019	NM	DRY	NA	NA	DRY
	1/14/2020	NM	DRY	NA	NA	DRY
	4/7/2020	116.60	DRY	NA	NA	DRY
	7/8/2020	116.59	DRY	NA	NA	DRY
	10/12/2020	116.61	DRY	NA	NA	DRY
	1/5/2021	116.61	DRY	NA	NA	DRY
	7/21/2021	116.69	DRY	NA	NA	DRY
	1/19/2022	NM	DRY	NA	NA	DRY
	6/29/2022	NM	NM	NA	NA	NA
MW-8						
3,107.34	8/7/2015	NM	85.03	NA	NA	3,022.31
	1/25/2016	110.98	85.46	NA	NA	3,021.88
	7/21/2016	NM	85.10	NA	NA	3,022.24
	1/13/2017	NM	84.95	NA	NA	3,022.39
	4/7/2017	110.98	85.00	NA	NA	3,022.34
	7/13/2017	NM	84.68	NA	NA	3,022.66
	10/3/2017	NM	84.86	NA	NA	3,022.48
	1/12/2018	NM	84.75	NA	NA	3,022.59
	4/2/2018	NM	85.20	NA	NA	3,022.14
	7/2/2018	NM	85.09	NA	NA	3,022.25
	10/1/2018	NM	84.83	NA	NA	3,022.51
	1/8/2019	NM	84.81	NA	NA	3,022.53
	4/5/2019	NM	84.52	NA	NA	3,022.82
	7/9/2019	110.97	84.45	NA	NA	3,022.89
	10/8/2019	NM	84.33	NA	NA	3,023.01
	1/14/2020	NM	84.42	NA	NA	3,022.92
	4/7/2020	111.00	84.35	NA	NA	3,022.99
	7/8/2020	110.97	84.23	NA	NA	3,023.11
	10/12/2020	110.97	84.26	NA	NA	3,023.08
	1/5/2021	110.98	84.25	NA	NA	3,023.09
	4/6/2021	110.98	83.91	NA	NA	3,023.43
	7/21/2021	NM	84.33	NA	NA	3,023.01
	1/19/2022	NM	84.11	NA	NA	3,023.23
	6/29/2022	NM	NM	NA	NA	NA
MW-9						
3,103.82	8/7/2015	NM	85.68	NA	NA	3,018.14
	1/25/2016	105.30	85.87	NA	NA	3,017.95
	7/21/2016	NM	85.80	NA	NA	3,018.02
	1/13/2017	NM	85.76	NA	NA	3,018.06
	4/7/2017	105.28	85.65	NA	NA	3,018.17
	7/13/2017	NM	85.50	NA	NA	3,018.32
	10/3/2017	NM	85.53	NA	NA	3,018.29
	1/12/2018	NM	85.38	NA	NA	3,018.44
	4/2/2018	NM	85.73	NA	NA	3,018.09
	7/2/2018	NM	85.24	NA	NA	3,018.58
	10/1/2018	NM	85.24	NA	NA	3,018.58
	1/7/2019	NM	85.05	NA	NA	3,018.77
	4/5/2019	NM	85.09	NA	NA	3,018.73
	7/9/2019	102.06	85.02	NA	NA	3,018.80
	10/8/2019	NM	84.93	NA	NA	3,018.89
	1/15/2020	NM	85.02	NA	NA	3,018.80
	4/7/2020	101.63	84.91	NA	NA	3,018.91
	7/8/2020	101.65	84.85	NA	NA	3,018.97
	10/12/2020	101.66	84.82	NA	NA	3,019.00
	1/5/2021	101.63	84.75	NA	NA	3,019.07
	4/6/2021	101.63	84.65	NA	NA	3,019.17
	7/21/2021	NM	84.73	NA	NA	3,019.09
	1/19/2022	NM	84.59	NA	NA	3,019.23

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Historical Groundwater Elevation Measurements
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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	6/29/2022	NM	NM	NA	NA	NA
MW-10						
3,139.71	8/7/2015	NM	97.21	NA	NA	3,042.50
	1/25/2016	116.50	97.33	NA	NA	3,042.38
	7/20/2016	NM	97.18	NA	NA	3,042.53
	1/12/2017	NM	97.21	NA	NA	3,042.50
	4/7/2017	116.36	97.22	NA	NA	3,042.49
	7/13/2017	NM	97.12	NA	NA	3,042.59
	10/3/2017	NM	97.35	NA	NA	3,042.36
	1/12/2018	NM	97.30	NA	NA	3,042.41
	4/2/2018	NM	97.41	NA	NA	3,042.30
	7/2/2018	NM	97.24	NA	NA	3,042.47
	10/1/2018	NM	97.35	NA	NA	3,042.36
	1/8/2019	NM	97.35	NA	NA	3,042.36
	4/5/2019	NM	97.22	NA	NA	3,042.49
	7/9/2019	116.65	97.22	NA	NA	3,042.49
	10/8/2019	NM	97.12	NA	NA	3,042.59
	1/15/2020	NM	97.32	NA	NA	3,042.39
	4/7/2020	116.38	97.17	NA	NA	3,042.54
	7/8/2020	116.36	97.14	NA	NA	3,042.57
	10/12/2020	116.36	97.19	NA	NA	3,042.52
	1/7/2021	116.39	97.17	NA	NA	3,042.54
	7/22/2021	NM	97.17	NA	NA	3,042.54
	1/21/2022	NM	96.98	NA	NA	3,042.73
	6/29/2022	NM	NM	NA	NA	NA
MW-11						
3,156.65	8/7/2015	NM	102.00	NA	NA	3,054.65
	1/25/2016	110.23	102.08	NA	NA	3,054.57
	7/21/2016	NM	102.16	NA	NA	3,054.49
	1/11/2017	NM	102.10	NA	NA	3,054.55
	4/10/2017	110.02	102.22	NA	NA	3,054.43
	7/13/2017	NM	102.22	NA	NA	3,054.43
	10/3/2017	NM	102.28	NA	NA	3,054.37
	1/12/2018	NM	102.18	NA	NA	3,054.47
	4/2/2018	NM	102.39	NA	NA	3,054.26
	7/2/2018	NM	102.28	NA	NA	3,054.37
	10/1/2018	NM	102.35	NA	NA	3,054.30
	1/8/2019	NM	102.35	NA	NA	3,054.30
	4/9/2019	NM	102.45	NA	NA	3,054.20
	7/10/2019	110.03	102.41	NA	NA	3,054.24
	10/9/2019	NM	102.36	NA	NA	3,054.29
	1/15/2020	NM	102.47	NA	NA	3,054.18
	4/7/2020	110.09	102.45	NA	NA	3,054.20
	7/8/2020	110.03	102.44	NA	NA	3,054.21
	10/12/2020	110.02	102.54	NA	NA	3,054.11
	1/7/2021	110.04	102.59	NA	NA	3,054.06
	7/22/2021	NM	102.63	NA	NA	3,054.02
	1/24/2022	NM	102.48	NA	NA	3,054.17
	6/29/2022	NM	NM	NA	NA	NA
MW-12						
3,151.33	8/7/2015	NM	94.70	NA	NA	3,056.63
	1/25/2016	114.18	94.68	NA	NA	3,056.65
	7/20/2016	NM	94.69	NA	NA	3,056.64
	1/11/2017	NM	94.70	NA	NA	3,056.63
	4/7/2017	114.15	94.66	NA	NA	3,056.67
	7/13/2017	NM	94.60	NA	NA	3,056.73
	10/3/2017	NM	94.87	NA	NA	3,056.46
	1/12/2018	NM	94.66	NA	NA	3,056.67
	4/2/2018	NM	94.74	NA	NA	3,056.59
	7/2/2018	NM	94.71	NA	NA	3,056.62
	10/1/2018	NM	94.87	NA	NA	3,056.46
	1/8/2019	NM	94.92	NA	NA	3,056.41
	4/10/2019	NM	94.75	NA	NA	3,056.58
	7/9/2019	114.14	94.85	NA	NA	3,056.48
	10/8/2019	NM	94.71	NA	NA	3,056.62
	1/15/2020	NM	94.97	NA	NA	3,056.36
	4/7/2020	114.16	94.85	NA	NA	3,056.48
	7/8/2020	114.14	94.85	NA	NA	3,056.48
	10/12/2020	114.14	94.97	NA	NA	3,056.36
	1/7/2021	114.14	94.95	NA	NA	3,056.38
	7/22/2021	NM	95.07	NA	NA	3,056.26
	1/21/2022	NM	94.77	NA	NA	3,056.56
	6/29/2022	NM	NM	NA	NA	NA
MW-13						
3,168.41	8/7/2015	NM	98.61	NA	NA	3,069.80
	1/25/2016	127.85	98.88	NA	NA	3,069.53

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Historical Groundwater Elevation Measurements
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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/21/2016	NM	98.78	NA	NA	3,069.63
	1/11/2017	NM	98.49	NA	NA	3,069.92
	4/10/2017	127.90	98.70	NA	NA	3,069.71
	7/13/2017	NM	98.60	NA	NA	3,069.81
	10/3/2017	NM	98.70	NA	NA	3,069.71
	1/12/2018	NM	98.61	NA	NA	3,069.80
	4/2/2018	NM	98.80	NA	NA	3,069.61
	7/2/2018	NM	98.74	NA	NA	3,069.67
	10/1/2018	NM	98.88	NA	NA	3,069.53
	1/8/2019	NM	98.90	NA	NA	3,069.51
	4/10/2019	NM	98.83	NA	NA	3,069.58
	7/10/2019	127.89	98.88	NA	NA	3,069.53
	10/9/2019	NM	98.94	NA	NA	3,069.47
	1/16/2020	NM	98.99	NA	NA	3,069.42
	4/8/2020	127.95	98.89	NA	NA	3,069.52
	7/6/2020	127.86	98.95	NA	NA	3,069.46
	10/12/2020	127.89	99.01	NA	NA	3,069.40
	1/6/2021	127.89	99.09	NA	NA	3,069.32
	7/22/2021	NM	99.08	NA	NA	3,069.33
	1/24/2022	NM	98.94	NA	NA	3,069.47
	6/29/2022	NM	NM	NA	NA	NA
MW-14						
3,182.69	8/7/2015	NM	106.69	NA	NA	3,076.00
	1/25/2016	124.62	106.78	NA	NA	3,075.91
	7/21/2016	NM	106.90	NA	NA	3,075.79
	1/11/2017	NM	106.78	NA	NA	3,075.91
	4/10/2017	124.48	107.01	NA	NA	3,075.68
	7/13/2017	NM	106.88	NA	NA	3,075.81
	10/3/2017	NM	106.95	NA	NA	3,075.74
	1/12/2018	NM	106.85	NA	NA	3,075.84
	4/2/2018	NM	107.00	NA	NA	3,075.69
	7/2/2018	NM	106.91	NA	NA	3,075.78
	10/1/2018	NM	106.98	NA	NA	3,075.71
	1/8/2019	NM	106.97	NA	NA	3,075.72
	4/9/2019	NM	106.96	NA	NA	3,075.73
	7/10/2019	124.43	107.00	NA	NA	3,075.69
	10/9/2019	NM	106.96	NA	NA	3,075.73
	1/16/2020	NM	107.06	NA	NA	3,075.63
	4/8/2020	124.43	106.99	NA	NA	3,075.70
	7/6/2020	124.47	107.02	NA	NA	3,075.67
	10/12/2020	124.48	107.05	NA	NA	3,075.64
	1/6/2021	124.48	107.06	NA	NA	3,075.63
	7/22/2021	NM	107.13	NA	NA	3,075.56
	1/24/2022	NM	106.84	NA	NA	3,075.85
	6/29/2022	NM	NM	NA	NA	NA
MW-15						
3,184.55	8/7/2015	NM	104.29	NA	NA	3,080.26
	1/25/2016	126.36	104.56	NA	NA	3,079.99
	7/21/2016	NM	104.60	NA	NA	3,079.95
	1/11/2017	NM	104.45	NA	NA	3,080.10
	4/10/2017	NM	104.76	NA	NA	3,079.79
	7/13/2017	NM	104.52	NA	NA	3,080.03
	10/3/2017	NM	104.66	NA	NA	3,079.89
	1/12/2018	NM	104.45	NA	NA	3,080.10
	4/2/2018	NM	104.63	NA	NA	3,079.92
	7/2/2018	NM	104.56	NA	NA	3,079.99
	10/1/2018	NM	104.57	NA	NA	3,079.98
	1/8/2019	NM	104.54	NA	NA	3,080.01
	4/10/2019	NM	104.50	NA	NA	3,080.05
	7/10/2019	126.59	104.49	NA	NA	3,080.06
	10/9/2019	NM	104.35	NA	NA	3,080.20
	1/16/2020	NM	104.51	NA	NA	3,080.04
	4/8/2020	126.64	104.42	NA	NA	3,080.13
	7/6/2020	126.61	104.43	NA	NA	3,080.12
	10/12/2020	126.61	104.44	NA	NA	3,080.11
	1/6/2021	126.61	104.51	NA	NA	3,080.04
	7/22/2021	NM	104.37	NA	NA	3,080.18
	1/24/2022	NM	104.09	NA	NA	3,080.46
	6/29/2022	NM	NM	NA	NA	NA
MW-16						
3,167.93	8/7/2015	NM	99.76	NA	NA	3,068.17
	1/25/2016	119.30	99.86	NA	NA	3,068.07
	7/21/2016	NM	100.02	NA	NA	3,067.91
	1/11/2017	NM	99.88	NA	NA	3,068.05
	4/10/2017	119.07	100.03	NA	NA	3,067.90
	7/13/2017	NM	99.94	NA	NA	3,067.99

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	10/3/2017	NM	100.01	NA	NA	3,067.92
	1/12/2018	NM	99.83	NA	NA	3,068.10
	4/2/2018	NM	99.97	NA	NA	3,067.96
	7/2/2018	NM	99.92	NA	NA	3,068.01
	10/1/2018	NM	99.93	NA	NA	3,068.00
	1/8/2019	NM	99.86	NA	NA	3,068.07
	4/10/2019	NM	99.86	NA	NA	3,068.07
	7/10/2019	119.06	99.83	NA	NA	3,068.10
	10/9/2019	NM	99.72	NA	NA	3,068.21
	1/16/2020	NM	99.80	NA	NA	3,068.13
	4/8/2020	119.10	99.70	NA	NA	3,068.23
	7/6/2020	119.05	99.72	NA	NA	3,068.21
	10/12/2020	119.06	99.73	NA	NA	3,068.20
	1/6/2021	119.06	99.72	NA	NA	3,068.21
	7/22/2021	NM	99.67	NA	NA	3,068.26
	1/24/2022	NM	99.45	NA	NA	3,068.48
	6/29/2022	NM	NM	NA	NA	NA
MW-17						
3,147.44	8/7/2015	NM	83.74	NA	NA	3,063.70
	1/25/2016	118.27	84.18	NA	NA	3,063.26
	7/20/2016	NM	82.79	NA	NA	3,064.65
	1/11/2017	NM	83.75	NA	NA	3,063.69
	4/10/2017	118.26	84.27	NA	NA	3,063.17
	7/13/2017	NM	84.06	NA	NA	3,063.38
	10/3/2017	NM	84.08	NA	NA	3,063.36
	1/12/2018	NM	83.79	NA	NA	3,063.65
	4/2/2018	NM	84.26	NA	NA	3,063.18
	7/2/2018	NM	84.32	NA	NA	3,063.12
	10/1/2018	NM	84.41	NA	NA	3,063.03
	1/8/2019	NM	84.25	NA	NA	3,063.19
	4/10/2019	NM	84.02	NA	NA	3,063.42
	7/10/2019	118.20	84.15	NA	NA	3,063.29
	10/9/2019	NM	84.09	NA	NA	3,063.35
	1/16/2020	NM	84.24	NA	NA	3,063.20
	4/8/2020	118.34	84.15	NA	NA	3,063.29
	7/6/2020	118.31	84.28	NA	NA	3,063.16
	10/12/2020	118.32	84.36	NA	NA	3,063.08
	1/7/2021	118.32	84.48	NA	NA	3,062.96
	7/22/2021	NM	84.61	NA	NA	3,062.83
	1/24/2022	NM	84.27	NA	NA	3,063.17
	6/29/2022	NM	NM	NA	NA	NA
MW-18						
3,155.01	8/7/2015	NM	95.94	NA	NA	3,059.07
	1/25/2016	122.40	95.81	NA	NA	3,059.20
	7/20/2016	NM	95.91	NA	NA	3,059.10
	1/12/2017	NM	95.82	NA	NA	3,059.19
	4/7/2017	122.37	95.76	NA	NA	3,059.25
	7/13/2017	NM	95.67	NA	NA	3,059.34
	10/3/2017	NM	95.87	NA	NA	3,059.14
	1/12/2018	NM	95.72	NA	NA	3,059.29
	4/2/2018	NM	95.80	NA	NA	3,059.21
	7/2/2018	NM	95.74	NA	NA	3,059.27
	10/1/2018	NM	95.90	NA	NA	3,059.11
	1/8/2019	NM	95.88	NA	NA	3,059.13
	4/9/2019	NM	95.76	NA	NA	3,059.25
	7/10/2019	122.35	95.89	NA	NA	3,059.12
	10/9/2019	NM	95.84	NA	NA	3,059.17
	1/15/2020	NM	95.92	NA	NA	3,059.09
	4/7/2020	122.47	95.83	NA	NA	3,059.18
	7/8/2020	122.33	95.81	NA	NA	3,059.20
	10/12/2020	122.35	95.96	NA	NA	3,059.05
	1/7/2021	122.36	95.96	NA	NA	3,059.05
	7/22/2021	NM	96.08	NA	NA	3,058.93
	1/21/2022	NM	95.85	NA	NA	3,059.16
	6/29/2022	NM	96.11	NA	NA	3,058.90
MW-19						
3,149.90	8/7/2015	NM	99.58	NA	NA	3,050.32
	1/25/2016	115.04	99.68	NA	NA	3,050.22
	7/20/2016	NM	99.78	NA	NA	3,050.12
	1/12/2017	NM	99.68	NA	NA	3,050.22
	4/7/2017	115.03	99.78	NA	NA	3,050.12
	7/13/2017	NM	99.61	NA	NA	3,050.29
	10/3/2017	NM	99.83	NA	NA	3,050.07
	1/12/2018	NM	99.63	NA	NA	3,050.27
	4/2/2018	NM	99.69	NA	NA	3,050.21
	7/2/2018	NM	99.85	NA	NA	3,050.05

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	10/1/2018	NM	99.75	NA	NA	3,050.15
	1/8/2019	NM	99.78	NA	NA	3,050.12
	4/9/2019	NM	99.56	NA	NA	3,050.34
	7/10/2019	114.99	99.69	NA	NA	3,050.21
	10/9/2019	NM	99.54	NA	NA	3,050.36
	1/15/2020	NM	99.67	NA	NA	3,050.23
	4/7/2020	115.01	99.56	NA	NA	3,050.34
	7/8/2020	115.00	99.48	NA	NA	3,050.42
	10/12/2020	115.01	99.58	NA	NA	3,050.32
	1/7/2021	115.01	99.59	NA	NA	3,050.31
	7/22/2021	NM	99.58	NA	NA	3,050.32
	1/21/2022	NM	99.32	NA	NA	3,050.58
	6/29/2022	NM	99.54	NA	NA	3,050.36
MW-20						
3,120.09	8/7/2015	NM	88.96	NA	NA	3,031.13
	1/25/2016	112.91	88.96	NA	NA	3,031.13
	7/20/2016	NM	89.07	NA	NA	3,031.02
	1/12/2017	NM	89.00	NA	NA	3,031.09
	4/7/2017	112.65	88.97	NA	NA	3,031.12
	7/13/2017	NM	88.76	NA	NA	3,031.33
	10/3/2017	NM	88.88	NA	NA	3,031.21
	1/12/2018	NM	88.75	NA	NA	3,031.34
	4/2/2018	NM	88.67	NA	NA	3,031.42
	7/2/2018	NM	88.69	NA	NA	3,031.40
	10/1/2018	NM	88.59	NA	NA	3,031.50
	1/8/2019	NM	88.57	NA	NA	3,031.52
	4/5/2019	NM	88.37	NA	NA	3,031.72
	7/9/2019	112.53	88.31	NA	NA	3,031.78
	10/8/2019	NM	88.19	NA	NA	3,031.90
	1/14/2020	NM	88.27	NA	NA	3,031.82
	4/7/2020	112.51	88.15	NA	NA	3,031.94
	7/9/2020	112.53	88.07	NA	NA	3,032.02
	10/12/2020	112.55	88.09	NA	NA	3,032.00
	1/7/2021	112.55	88.03	NA	NA	3,032.06
	7/21/2021	NM	87.87	NA	NA	3,032.22
	1/19/2022	NM	87.67	NA	NA	3,032.42
	6/29/2022	NM	NM	NA	NA	NA
MW-21						
3,159.65	7/21/2016	NM	92.31	NA	NA	3,067.34
	1/12/2017	NM	92.41	NA	NA	3,067.24
	4/10/2017	123.74	92.65	NA	NA	3,067.00
	7/13/2017	NM	92.55	NA	NA	3,067.10
	10/3/2017	NM	92.65	NA	NA	3,067.00
	1/12/2018	NM	92.47	NA	NA	3,067.18
	4/2/2018	NM	92.64	NA	NA	3,067.01
	7/2/2018	NM	92.65	NA	NA	3,067.00
	10/1/2018	NM	92.74	NA	NA	3,066.91
	1/8/2019	NM	92.73	NA	NA	3,066.92
	4/10/2019	NM	92.64	NA	NA	3,067.01
	7/10/2019	123.75	92.70	NA	NA	3,066.95
	10/9/2019	NM	92.61	NA	NA	3,067.04
	1/16/2020	NM	92.80	NA	NA	3,066.85
	4/8/2020	123.76	92.65	NA	NA	3,067.00
	7/6/2020	123.75	92.72	NA	NA	3,066.93
	10/12/2020	123.75	92.78	NA	NA	3,066.87
	1/7/2021	123.75	92.72	NA	NA	3,066.93
	7/22/2021	NM	92.87	NA	NA	3,066.78
	1/24/2022	NM	92.60	NA	NA	3,067.05
	6/29/2022	NM	NM	NA	NA	NA
MW-22						
3,152.50	4/10/2017	117.94	87.78	NA	NA	3,064.72
	7/13/2017	NM	87.64	NA	NA	3,064.86
	10/3/2017	NM	87.71	NA	NA	3,064.79
	1/12/2018	NM	87.50	NA	NA	3,065.00
	4/2/2018	NM	87.75	NA	NA	3,064.75
	7/2/2018	NM	87.75	NA	NA	3,064.75
	10/1/2018	NM	87.85	NA	NA	3,064.65
	1/8/2019	NM	87.90	NA	NA	3,064.60
	4/10/2019	NM	87.79	NA	NA	3,064.71
	7/10/2019	114.81	87.93	NA	NA	3,064.57
	10/9/2019	NM	87.80	NA	NA	3,064.70
	1/16/2020	NM	88.03	NA	NA	3,064.47
	4/8/2020	117.15	87.91	NA	NA	3,064.59
	7/6/2020	117.24	87.99	NA	NA	3,064.51
	10/12/2020	117.23	88.04	NA	NA	3,064.46
	1/7/2021	117.14	88.11	NA	NA	3,064.39

Appendix A

Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/22/2021	NM	88.24	NA	NA	3,064.26
	1/24/2022	NM	87.95	NA	NA	3,064.55
	6/29/2022	NM	NM	NA	NA	NA
MW-23						
3,151.66	7/21/2016	NM	87.03	NA	NA	3,064.63
	1/11/2017	NM	86.74	NA	NA	3,064.92
	4/10/2017	124.94	87.02	NA	NA	3,064.64
	7/13/2017	NM	86.86	NA	NA	3,064.80
	10/3/2017	NM	86.95	NA	NA	3,064.71
	1/12/2018	NM	86.75	NA	NA	3,064.91
	4/2/2018	NM	86.98	NA	NA	3,064.68
	7/2/2018	NM	86.98	NA	NA	3,064.68
	10/1/2018	NM	87.08	NA	NA	3,064.58
	1/8/2019	NM	87.17	NA	NA	3,064.49
	4/10/2019	NM	87.02	NA	NA	3,064.64
	7/10/2019	104.97	87.12	NA	NA	3,064.54
	10/9/2019	NM	87.06	NA	NA	3,064.60
	1/16/2020	NM	87.26	NA	NA	3,064.40
	4/8/2020	124.89	87.12	NA	NA	3,064.54
	7/6/1930	124.88	87.21	NA	NA	3,064.45
	10/12/2020	124.91	87.26	NA	NA	3,064.40
	1/7/2021	124.93	87.34	NA	NA	3,064.32
	7/22/2021	NM	87.47	NA	NA	3,064.19
	1/24/2022	NM	87.20	NA	NA	3,064.46
	6/29/2022	NM	NM	NA	NA	NA
MW-24						
3,144.88	7/20/2016	NM	95.02	NA	NA	3,049.86
	1/12/2017	NM	95.11	NA	NA	3,049.77
	4/7/2017	115.39	95.15	NA	NA	3,049.73
	7/13/2017	NM	95.11	NA	NA	3,049.77
	10/3/2017	NM	95.33	NA	NA	3,049.55
	1/12/2018	NM	95.18	NA	NA	3,049.70
	4/2/2018	NM	95.23	NA	NA	3,049.65
	7/2/2018	NM	95.12	NA	NA	3,049.76
	10/1/2018	NM	95.25	NA	NA	3,049.63
	1/8/2019	NM	95.22	NA	NA	3,049.66
	4/9/2019	NM	95.05	NA	NA	3,049.83
	7/9/2019	115.43	95.08	NA	NA	3,049.80
	10/8/2019	NM	95.03	NA	NA	3,049.85
	1/15/2020	NM	95.19	NA	NA	3,049.69
	4/7/2020	115.46	95.06	NA	NA	3,049.82
	7/8/2020	115.42	95.10	NA	NA	3,049.78
	10/12/2020	115.43	95.24	NA	NA	3,049.64
	1/7/2021	115.44	95.24	NA	NA	3,049.64
	7/22/2021	NM	95.28	NA	NA	3,049.60
	1/21/2022	NM	95.12	NA	NA	3,049.76
	6/29/2022	NM	NM	NA	NA	NA
MW-25						
3,165.45	7/21/2016	NM	103.05	NA	NA	3,062.40
	1/11/2017	NM	103.00	NA	NA	3,062.45
	4/10/2017	116.81	103.26	NA	NA	3,062.19
	7/13/2017	NM	103.17	NA	NA	3,062.28
	10/3/2017	NM	103.20	NA	NA	3,062.25
	1/12/2018	NM	103.04	NA	NA	3,062.41
	4/2/2018	NM	103.50	NA	NA	3,061.95
	7/2/2018	NM	103.29	NA	NA	3,062.16
	10/1/2018	NM	103.34	NA	NA	3,062.11
	1/8/2019	NM	103.39	NA	NA	3,062.06
	4/9/2019	NM	103.28	NA	NA	3,062.17
	7/10/2019	116.79	103.38	NA	NA	3,062.07
	10/9/2019	NM	103.31	NA	NA	3,062.14
	1/15/2020	NM	103.45	NA	NA	3,062.00
	4/7/2020	116.81	103.41	NA	NA	3,062.04
	7/8/2020	116.82	103.44	NA	NA	3,062.01
	10/12/2020	116.83	103.49	NA	NA	3,061.96
	1/7/2021	116.84	103.56	NA	NA	3,061.89
	7/22/2021	NM	103.63	NA	NA	3,061.82
	1/24/2022	NM	103.35	NA	NA	3,062.10
	6/29/2022	NM	103.70	NA	NA	3,061.75
MW-26						
3,136.99	1/12/2017	NM	93.78	NA	NA	3,043.21
	4/7/2017	108.41	93.83	NA	NA	3,043.16
	7/13/2017	NM	93.75	NA	NA	3,043.24
	10/3/2017	NM	94.00	NA	NA	3,042.99
	1/12/2018	NM	93.76	NA	NA	3,043.23
	4/2/2018	NM	93.89	NA	NA	3,043.10

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Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
Dollarhide, Texas

TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/2/2018	NM	94.00	NA	NA	3,042.99
	10/1/2018	NM	93.91	NA	NA	3,043.08
	1/6/2019	NM	93.88	NA	NA	3,043.11
	4/9/2019	NM	93.74	NA	NA	3,043.25
	7/9/2019	108.37	93.76	NA	NA	3,043.23
	10/8/2019	NM	93.61	NA	NA	3,043.38
	1/15/2020	NM	93.84	NA	NA	3,043.15
	4/7/2020	108.41	93.71	NA	NA	3,043.28
	7/8/2020	108.40	93.66	NA	NA	3,043.33
	10/12/2020	108.29	93.74	NA	NA	3,043.25
	1/7/2021	108.29	93.74	NA	NA	3,043.25
	7/22/2021	NM	93.71	NA	NA	3,043.28
	1/21/2022	NM	93.45	NA	NA	3,043.54
	6/29/2022	NM	NM	NA	NA	NA
MW-27						
3,126.99	7/20/2016	NM	91.61	NA	NA	3,035.38
	1/11/2017	NM	91.40	NA	NA	3,035.59
	4/7/2017	108.40	91.65	NA	NA	3,035.34
	7/13/2017	NM	91.60	NA	NA	3,035.39
	10/3/2017	NM	91.80	NA	NA	3,035.19
	1/12/2018	NM	91.78	NA	NA	3,035.21
	4/2/2018	NM	92.08	NA	NA	3,034.91
	7/2/2018	NM	91.98	NA	NA	3,035.01
	10/1/2018	NM	92.07	NA	NA	3,034.92
	1/8/2019	NM	91.86	NA	NA	3,035.13
	4/5/2019	NM	91.70	NA	NA	3,035.29
	7/9/2019	108.04	91.66	NA	NA	3,035.33
	10/8/2019	NM	91.50	NA	NA	3,035.49
	1/14/2020	NM	91.50	NA	NA	3,035.49
	4/7/2020	108.48	91.42	NA	NA	3,035.57
	7/8/2020	108.39	91.35	NA	NA	3,035.64
	10/12/2020	108.40	91.39	NA	NA	3,035.60
	1/7/2021	108.41	91.38	NA	NA	3,035.61
	7/21/2021	NM	91.35	NA	NA	3,035.64
	1/19/2022	NM	91.29	NA	NA	3,035.70
	6/29/2022	NM	NM	NA	NA	NA
MW-28						
3,093.86	1/10/2017	NM	83.60	NA	NA	3,010.26
	4/7/2017	104.02	83.74	NA	NA	3,010.12
	7/13/2017	NM	83.78	NA	NA	3,010.08
	10/3/2017	NM	83.79	NA	NA	3,010.07
	1/12/2018	NM	83.84	NA	NA	3,010.02
	4/2/2018	NM	83.84	NA	NA	3,010.02
	7/2/2018	NM	83.89	NA	NA	3,009.97
	10/1/2018	NM	83.62	NA	NA	3,010.24
	1/9/2019	NM	83.79	NA	NA	3,010.07
	4/9/2019	NM	83.89	NA	NA	3,009.97
	7/9/2019	103.95	83.93	NA	NA	3,009.93
	10/8/2019	NM	83.93	NA	NA	3,009.93
	1/15/2020	NM	83.94	NA	NA	3,009.92
	4/7/2020	104.04	83.89	NA	NA	3,009.97
	7/8/2020	104.04	83.95	NA	NA	3,009.91
	10/8/2020	104.02	83.94	NA	NA	3,009.92
	1/5/2021	104.04	83.95	NA	NA	3,009.91
	4/6/2021	104.04	83.83	NA	NA	3,010.03
	7/21/2021	NM	83.97	NA	NA	3,009.89
	1/19/2022	NM	83.88	NA	NA	3,009.98
	6/29/2022	NM	NM	NA	NA	NA
MW-29						
3,098.60	1/10/2017	NM	99.85	NA	NA	2,998.75
	4/7/2017	113.55	99.97	NA	NA	2,998.63
	7/13/2017	NM	100.00	NA	NA	2,998.60
	10/3/2017	NM	99.95	NA	NA	2,998.65
	1/12/2018	NM	100.08	NA	NA	2,998.52
	4/2/2018	NM	100.17	NA	NA	2,998.43
	7/2/2018	NM	100.16	NA	NA	2,998.44
	10/1/2018	NM	100.11	NA	NA	2,998.49
	1/7/2019	NM	100.04	NA	NA	2,998.56
	4/5/2019	NM	100.21	NA	NA	2,998.39
	7/9/2019	113.41	100.25	NA	NA	2,998.35
	10/8/2019	NM	100.22	NA	NA	2,998.38
	1/15/2020	NM	100.30	NA	NA	2,998.30
	4/7/2020	113.50	100.31	NA	NA	2,998.29
	7/8/2020	113.42	100.29	NA	NA	2,998.31
	10/8/2020	113.42	100.26	NA	NA	2,998.34
	1/5/2021	113.43	100.28	NA	NA	2,998.32

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	4/6/2021	113.43	100.15	NA	NA	2,998.45
	7/21/2021	NM	100.37	NA	NA	2,998.23
	1/19/2022	NM	100.30	NA	NA	2,998.30
	6/29/2022	NM	100.38	NA	NA	2,998.22
MW-30						
3,170.95	7/13/2017	NM	103.41	NA	NA	3,067.54
	10/3/2017	NM	103.57	NA	NA	3,067.38
	1/12/2018	NM	103.19	NA	NA	3,067.76
	4/2/2018	NM	103.71	NA	NA	3,067.24
	7/2/2018	NM	103.46	NA	NA	3,067.49
	10/1/2018	NM	103.58	NA	NA	3,067.37
	1/8/2019	NM	103.67	NA	NA	3,067.28
	4/10/2019	NM	103.52	NA	NA	3,067.43
	7/10/2019	123.89	103.66	NA	NA	3,067.29
	10/9/2019	NM	103.48	NA	NA	3,067.47
	1/16/2020	NM	103.92	NA	NA	3,067.03
	4/8/2020	123.89	103.67	NA	NA	3,067.28
	7/6/2020	123.89	103.73	NA	NA	3,067.22
	10/12/2020	123.91	103.78	NA	NA	3,067.17
	1/7/2021	123.92	103.83	NA	NA	3,067.12
	7/22/2021	NM	103.94	NA	NA	3,067.01
	1/24/2022	NM	103.51	NA	NA	3,067.44
	6/29/2022	NM	NM	NA	NA	NA
MW-31						
3,145.41	7/13/2017	NM	94.50	NA	NA	3,050.91
	10/3/2017	NM	94.74	NA	NA	3,050.67
	1/12/2018	NM	94.60	NA	NA	3,050.81
	4/2/2018	NM	94.60	NA	NA	3,050.81
	7/2/2018	NM	94.50	NA	NA	3,050.91
	10/1/2018	NM	94.62	NA	NA	3,050.79
	1/8/2019	NM	94.59	NA	NA	3,050.82
	4/5/2019	NM	94.42	NA	NA	3,050.99
	7/9/2019	102.57	94.46	NA	NA	3,050.95
	10/8/2019	NM	94.40	NA	NA	3,051.01
	1/16/2020	NM	94.60	NA	NA	3,050.81
	4/7/2020	102.77	94.44	NA	NA	3,050.97
	7/8/2020	102.74	94.48	NA	NA	3,050.93
	10/12/2020	102.79	94.63	NA	NA	3,050.78
	1/7/2021	102.75	94.63	NA	NA	3,050.78
	7/22/2021	NM	94.70	NA	NA	3,050.71
	1/21/2022	NM	94.79	NA	NA	3,050.62
	6/29/2022	NM	94.85	NA	NA	3,050.56
MW-32						
3,090.28	4/10/2019	94.04	81.18	NA	NA	3,009.10
	7/9/2019	93.44	81.39	NA	NA	3,008.89
	10/8/2019	NM	81.42	NA	NA	3,008.86
	1/15/2020	NM	81.45	NA	NA	3,008.83
	4/8/2020	93.40	81.35	NA	NA	3,008.93
	7/8/2020	93.47	81.41	NA	NA	3,008.87
	10/8/2020	93.41	81.46	NA	NA	3,008.82
	1/4/2021	94.45	81.47	NA	NA	3,008.81
	4/6/2021	94.45	81.31	NA	NA	3,008.97
	7/21/2021	NM	81.48	NA	NA	3,008.80
	1/19/2022	NM	81.48	NA	NA	3,008.80
	6/29/2022	NM	NM	NA	NA	NA
MW-33						
3,080.02	4/10/2019	92.98	76.84	NA	NA	3,003.18
	7/9/2019	92.97	77.00	NA	NA	3,003.02
	10/8/2019	NM	77.09	NA	NA	3,002.93
	1/15/2020	NM	77.09	NA	NA	3,002.93
	4/8/2020	92.58	76.98	NA	NA	3,003.04
	7/8/2020	92.72	76.99	NA	NA	3,003.03
	10/8/2020	92.81	77.07	NA	NA	3,002.95
	1/4/2021	92.67	77.09	NA	NA	3,002.93
	4/6/2021	92.67	76.93	NA	NA	3,003.09
	7/21/2021	NM	77.07	NA	NA	3,002.95
	1/19/2022	NM	76.97	NA	NA	3,003.05
	6/29/2022	NM	NM	NA	NA	NA
MW-34						
3,069.95	4/10/2019	78.04	71.21	NA	NA	2,998.74
	7/9/2019	78.03	71.42	NA	NA	2,998.53
	10/8/2019	NM	71.45	NA	NA	2,998.50
	1/15/2020	NM	71.41	NA	NA	2,998.54
	4/8/2020	78.02	71.45	NA	NA	2,998.50
	7/8/2020	78.07	71.49	NA	NA	2,998.46
	10/8/2020	78.05	71.53	NA	NA	2,998.42

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Historical Groundwater Elevation Measurements
Scout Dollarhide Unit
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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	1/4/2021	78.06	71.63	NA	NA	2,998.32
	4/6/2021	78.06	71.42	NA	NA	2,998.53
	7/21/2021	NM	71.68	NA	NA	2,998.27
	1/19/2022	NM	71.44	NA	NA	2,998.51
	6/29/2022	NM	71.65	NA	NA	2,998.30
NM-MW-1						
3,124.90	12/2/2015	NM	72.01	NA	NA	3,052.89
	1/25/2016	106.86	72.01	NA	NA	3,052.89
	7/22/2016	NM	71.90	NA	NA	3,053.00
	1/12/2017	NM	71.73	NA	NA	3,053.17
	4/7/2017	106.36	71.78	NA	NA	3,053.12
	7/13/2017	NM	71.67	NA	NA	3,053.23
	10/3/2017	NM	71.65	NA	NA	3,053.25
	1/12/2018	NM	71.63	NA	NA	3,053.27
	4/2/2018	NM	71.66	NA	NA	3,053.24
	7/2/2018	NM	70.65	NA	NA	3,054.25
	10/1/2018	NM	71.71	NA	NA	3,053.19
	1/7/2019	NM	71.63	NA	NA	3,053.27
	4/4/2019	NM	71.61	NA	NA	3,053.29
	7/8/2019	105.91	71.58	NA	NA	3,053.32
	10/7/2019	NM	71.76	NA	NA	3,053.14
	1/13/2020	NM	71.66	NA	NA	3,053.24
	4/6/2020	105.95	71.67	NA	NA	3,053.23
	7/9/2020	105.84	71.70	NA	NA	3,053.20
	10/7/2020	105.94	71.84	NA	NA	3,053.06
	1/5/2021	105.94	71.88	NA	NA	3,053.02
	4/6/2021	105.94	71.82	NA	NA	3,053.08
	7/20/2021	NM	71.96	NA	NA	3,052.94
	1/17/2022	NM	71.81	NA	NA	3,053.09
	6/28/2022	NM	72.10	NA	NA	3,052.80
NM-MW-2						
3,152.86	12/2/2015	NM	96.14	NA	NA	3,056.72
	1/25/2016	120.55	96.38	NA	NA	3,056.48
	7/22/2016	NM	96.28	NA	NA	3,056.58
	1/12/2017	NM	96.20	NA	NA	3,056.66
	4/7/2017	120.60	96.49	NA	NA	3,056.37
	7/13/2017	NM	96.25	NA	NA	3,056.61
	10/3/2017	NM	96.17	NA	NA	3,056.69
	1/12/2018	NM	96.29	NA	NA	3,056.57
	4/2/2018	NM	96.18	NA	NA	3,056.68
	7/2/2018	NM	96.42	NA	NA	3,056.44
	10/1/2018	NM	96.28	NA	NA	3,056.58
	1/7/2019	NM	96.14	NA	NA	3,056.72
	4/4/2019	NM	96.20	NA	NA	3,056.66
	7/8/2019	120.53	96.02	NA	NA	3,056.84
	10/7/2019	NM	96.30	NA	NA	3,056.56
	1/13/2020	NM	96.00	NA	NA	3,056.86
	4/6/2020	120.68	95.98	NA	NA	3,056.88
	7/9/2020	120.54	95.90	NA	NA	3,056.96
	10/7/2020	120.60	95.94	NA	NA	3,056.92
	1/5/2021	120.60	95.85	NA	NA	3,057.01
	4/6/2021	120.60	95.66	NA	NA	3,057.20
	7/20/2021	NM	95.97	NA	NA	3,056.89
	1/17/2022	NM	95.60	NA	NA	3,057.26
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-3						
3,146.86	12/2/2015	NM	91.70	NA	NA	3,055.16
	1/25/2016	105.01	91.80	NA	NA	3,055.06
	7/22/2016	NM	91.81	NA	NA	3,055.05
	1/12/2017	NM	91.75	NA	NA	3,055.11
	4/7/2017	105.28	91.99	NA	NA	3,054.87
	7/13/2017	NM	91.92	NA	NA	3,054.94
	10/3/2017	NM	91.90	NA	NA	3,054.96
	1/12/2018	NM	91.93	NA	NA	3,054.93
	4/2/2018	NM	91.82	NA	NA	3,055.04
	7/2/2018	NM	91.88	NA	NA	3,054.98
	10/1/2018	NM	91.78	NA	NA	3,055.08
	1/7/2019	NM	81.68	NA	NA	3,065.18
	4/4/2019	NM	91.70	NA	NA	3,055.16
	7/8/2019	105.31	91.55	NA	NA	3,055.31
	10/7/2019	NM	91.72	NA	NA	3,055.14
	1/13/2020	NM	91.50	NA	NA	3,055.36
	4/6/2020	105.28	91.47	NA	NA	3,055.39
	7/9/2020	105.27	91.40	NA	NA	3,055.46
	10/7/2020	105.40	91.43	NA	NA	3,055.43
	1/5/2021	105.40	91.36	NA	NA	3,055.50
	4/6/2021	105.40	91.22	NA	NA	3,055.64

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Historical Groundwater Elevation Measurements
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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/20/2021	NM	91.40	NA	NA	3,055.46
	1/17/2022	NM	91.13	NA	NA	3,055.73
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-4						
3,154.21	12/2/2015	NM	110.59	NA	NA	3,043.62
	1/25/2016	116.91	110.46	NA	NA	3,043.75
	7/22/2016	NM	110.57	NA	NA	3,043.64
	1/12/2017	NM	110.40	NA	NA	3,043.81
	4/7/2017	117.19	110.52	NA	NA	3,043.69
	7/13/2017	NM	110.50	NA	NA	3,043.71
	10/3/2017	NM	110.52	NA	NA	3,043.69
	1/12/2018	NM	110.48	NA	NA	3,043.73
	4/2/2018	NM	110.55	NA	NA	3,043.66
	7/2/2018	NM	110.38	NA	NA	3,043.83
	10/1/2018	NM	110.44	NA	NA	3,043.77
	1/7/2019	NM	110.34	NA	NA	3,043.87
	4/4/2019	NM	110.36	NA	NA	3,043.85
	7/8/2019	117.12	110.27	NA	NA	3,043.94
	10/7/2019	NM	110.35	NA	NA	3,043.86
	1/13/2020	NM	110.23	NA	NA	3,043.98
	4/6/2020	117.11	110.24	NA	NA	3,043.97
	7/9/2020	117.16	110.13	NA	NA	3,044.08
	10/7/2020	117.16	110.09	NA	NA	3,044.12
	1/5/2021	117.16	110.01	NA	NA	3,044.20
	4/6/2021	117.16	110.05	NA	NA	3,044.16
	7/20/2021	NM	110.08	NA	NA	3,044.13
	1/17/2022	NM	109.81	NA	NA	3,044.40
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-5						
3,109.14	12/2/2015	NM	DRY	NA	NA	DRY
	1/25/2016	115.00	99.95	NA	NA	3,009.19
	7/22/2016	NM	99.78	NA	NA	3,009.36
	1/12/2017	NM	99.70	NA	NA	3,009.44
	4/7/2017	114.92	99.66	NA	NA	3,009.48
	7/13/2017	NM	99.80	NA	NA	3,009.34
	10/32017	NM	99.69	NA	NA	3,009.45
	1/12/2018	NM	99.80	NA	NA	3,009.34
	4/2/2018	NM	99.76	NA	NA	3,009.38
	7/2/2018	NM	99.82	NA	NA	3,009.32
	10/1/2018	NM	99.89	NA	NA	3,009.25
	1/7/2019	NM	99.61	NA	NA	3,009.53
	4/4/2019	NM	99.74	NA	NA	3,009.40
	7/8/2019	114.43	99.94	NA	NA	3,009.20
	10/7/2019	NM	99.78	NA	NA	3,009.36
	1/13/2020	NM	99.88	NA	NA	3,009.26
	4/6/2020	114.41	99.79	NA	NA	3,009.35
	7/9/2020	114.37	100.01	NA	NA	3,009.13
	10/7/2020	114.59	100.10	NA	NA	3,009.04
	1/5/2021	114.55	100.12	NA	NA	3,009.02
	4/6/2021	114.55	100.03	NA	NA	3,009.11
	7/20/2021	NM	100.02	NA	NA	3,009.12
	1/17/2022	NM	100.01	NA	NA	3,009.13
	6/28/2022	NM	100.13	NA	NA	3,009.01
NM-MW-6						
3,093.23	12/2/2015	NM	86.98	NA	NA	3,006.25
	1/25/2016	123.21	86.93	NA	NA	3,006.30
	7/22/2016	NM	87.10	NA	NA	3,006.13
	1/12/2017	NM	87.35	NA	NA	3,005.88
	4/7/2017	123.16	87.42	NA	NA	3,005.81
	7/13/2017	NM	87.47	NA	NA	3,005.76
	10/3/2017	NM	87.47	NA	NA	3,005.76
	1/12/2018	NM	87.57	NA	NA	3,005.66
	4/2/2018	NM	87.53	NA	NA	3,005.70
	7/2/2018	NM	87.66	NA	NA	3,005.57
	10/1/2018	NM	87.70	NA	NA	3,005.53
	1/7/2019	NM	87.64	NA	NA	3,005.59
	4/4/2019	NM	87.81	NA	NA	3,005.42
	7/8/2019	121.02	87.77	NA	NA	3,005.46
	10/7/2019	NM	87.89	NA	NA	3,005.34
	1/13/2020	NM	87.83	NA	NA	3,005.40
	4/6/2020	121.07	87.82	NA	NA	3,005.41
	7/9/2020	121.09	87.84	NA	NA	3,005.39
	10/7/2020	121.80	87.92	NA	NA	3,005.31
	1/5/2021	121.80	87.93	NA	NA	3,005.30
	4/6/2021	121.80	87.74	NA	NA	3,005.49
	7/20/2021	NM	87.86	NA	NA	3,005.37

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	1/17/2022	NM	87.73	NA	NA	3,005.50
	6/28/2022	NM	87.87	NA	NA	3,005.36
NM-MW-7						
3,147.67	12/2/2015	NM	96.71	NA	NA	3,050.96
	1/25/2016	105.52	96.79	NA	NA	3,050.88
	7/22/2016	NM	96.91	NA	NA	3,050.76
	1/12/2017	NM	96.80	NA	NA	3,050.87
	4/7/2017	105.89	97.20	NA	NA	3,050.47
	7/13/2017	NM	97.12	NA	NA	3,050.55
	10/3/2017	NM	96.73	NA	NA	3,050.94
	1/12/2018	NM	96.40	NA	NA	3,051.27
	4/2/2018	NM	96.26	NA	NA	3,051.41
	7/2/2018	NM	96.13	NA	NA	3,051.54
	10/1/2018	NM	96.07	NA	NA	3,051.60
	1/7/2019	NM	95.88	NA	NA	3,051.79
	4/4/2019	NM	95.91	NA	NA	3,051.76
	7/8/2019	105.92	95.75	NA	NA	3,051.92
	10/7/2019	NM	95.88	NA	NA	3,051.79
	1/13/2020	NM	95.65	NA	NA	3,052.02
	4/6/2020	106.47	95.63	NA	NA	3,052.04
	7/9/2020	105.56	95.52	NA	NA	3,052.15
	10/7/2020	105.84	95.53	NA	NA	3,052.14
	1/5/2021	105.84	95.44	NA	NA	3,052.23
	4/6/2021	105.84	95.40	NA	NA	3,052.27
	7/19/2021	NM	94.57	NA	NA	3,053.10
	1/17/2022	NM	95.49	NA	NA	3,052.18
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-8						
3,138.62	4/7/2017	108.33	98.63	NA	NA	3,039.99
	7/13/2017	NM	98.49	NA	NA	3,040.13
	10/3/2017	NM	98.42	NA	NA	3,040.20
	1/12/2018	NM	98.34	NA	NA	3,040.28
	4/2/2018	NM	98.35	NA	NA	3,040.27
	7/2/2018	NM	98.22	NA	NA	3,040.40
	10/1/2018	NM	98.16	NA	NA	3,040.46
	1/7/2019	NM	98.03	NA	NA	3,040.59
	4/4/2019	NM	98.01	NA	NA	3,040.61
	7/8/2019	108.33	97.83	NA	NA	3,040.79
	10/7/2019	NM	97.89	NA	NA	3,040.73
	1/13/2020	NM	97.74	NA	NA	3,040.88
	4/6/2020	108.39	97.72	NA	NA	3,040.90
	7/9/2020	108.36	97.54	NA	NA	3,041.08
	10/7/2020	108.28	97.49	NA	NA	3,041.13
	1/5/2021	108.28	97.49	NA	NA	3,041.13
	4/6/2021	108.28	97.30	NA	NA	3,041.32
	7/20/2021	NM	97.52	NA	NA	3,041.10
	1/17/2022	NM	97.16	NA	NA	3,041.46
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-9						
3,118.18	4/7/2017	96.79	96.73	NA	NA	3,021.45
	7/13/2017	NM	95.58	NA	NA	3,022.60
	10/3/2017	NM	95.37	NA	NA	3,022.81
	1/12/2018	NM	94.94	NA	NA	3,023.24
	4/2/2018	NM	94.71	NA	NA	3,023.47
	7/2/2018	NM	94.60	NA	NA	3,023.58
	10/1/2018	NM	94.60	NA	NA	3,023.58
	1/7/2019	NM	94.39	NA	NA	3,023.79
	4/5/2019	NM	97.37	NA	NA	3,020.81
	7/8/2019	96.77	94.21	NA	NA	3,023.97
	10/7/2019	NM	94.17	NA	NA	3,024.01
	1/13/2020	96.79	94.08	NA	NA	3,024.10
	4/6/2020	96.78	93.92	NA	NA	3,024.26
	7/7/2020	56.77	93.83	NA	NA	3,024.35
	10/8/2020	96.78	93.80	NA	NA	3,024.38
	1/5/2021	96.80	93.72	NA	NA	3,024.46
	4/6/2021	96.80	93.56	NA	NA	3,024.62
	7/20/2021	NM	93.57	NA	NA	3,024.61
	1/18/2022	NM	93.38	NA	NA	3,024.80
	6/29/2022	NM	93.48	NA	NA	3,024.70
NM-MW-10						
3,066.32	1/10/2017	NM	78.94	NA	NA	2,987.38
	4/7/2017	108.10	79.02	NA	NA	2,987.30
	7/13/2017	NM	79.09	NA	NA	2,987.23
	10/3/2017	NM	79.12	NA	NA	2,987.20
	1/12/2018	NM	79.15	NA	NA	2,987.17
	4/2/2018	NM	79.23	NA	NA	2,987.09

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/2/2018	NM	79.24	NA	NA	2,987.08
	10/1/2018	NM	79.32	NA	NA	2,987.00
	1/7/2019	NM	79.27	NA	NA	2,987.05
	4/4/2019	NM	79.37	NA	NA	2,986.95
	7/8/2019	108.43	79.42	NA	NA	2,986.90
	10/7/2019	NM	79.48	NA	NA	2,986.84
	1/13/2020	NM	79.53	NA	NA	2,986.79
	4/6/2020	108.41	79.55	NA	NA	2,986.77
	7/7/2020	108.40	79.61	NA	NA	2,986.71
	10/8/2020	108.41	79.61	NA	NA	2,986.71
	1/5/2021	108.41	79.66	NA	NA	2,986.66
	4/6/2021	108.41	79.69	NA	NA	2,986.63
	7/20/2021	NM	79.76	NA	NA	2,986.56
	1/18/2022	NM	79.74	NA	NA	2,986.58
	6/28/2022	NM	79.93	NA	NA	2,986.39
NM-MW-11						
3,075.44	1/10/2017	NM	150.11	NA	NA	2,925.33
	4/7/2017	163.56	127.16	NA	NA	2,948.28
	7/13/2017	NM	107.66	NA	NA	2,967.78
	10/3/2017	NM	97.78	NA	NA	2,977.66
	1/12/2018	NM	90.89	NA	NA	2,984.55
	4/2/2018	NM	87.75	NA	NA	2,987.69
	7/2/2018	NM	86.07	NA	NA	2,989.37
	10/1/2018	NM	84.80	NA	NA	2,990.64
	1/7/2019	NM	83.28	NA	NA	2,992.16
	4/4/2019	NM	82.82	NA	NA	2,992.62
	7/8/2019	163.02	82.94	NA	NA	2,992.50
	10/8/2019	NM	82.97	NA	NA	2,992.47
	1/13/2020	NM	82.58	NA	NA	2,992.86
	4/6/2020	166.05	82.29	NA	NA	2,993.15
	7/7/2020	163.00	82.54	NA	NA	2,992.90
	10/8/2020	163.00	82.85	NA	NA	2,992.59
	1/4/2021	163.00	82.71	NA	NA	2,992.73
	4/6/2021	163.00	82.64	NA	NA	2,992.80
	7/20/2021	NM	82.63	NA	NA	2,992.81
	1/17/2022	NM	82.53	NA	NA	2,992.91
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-12						
3,105.47	4/7/2017	98.54	96.70	NA	NA	3,008.77
	7/13/2017	NM	96.72	NA	NA	3,008.75
	10/3/2017	NM	96.69	NA	NA	3,008.78
	1/12/2018	NM	96.67	NA	NA	3,008.80
	4/2/2018	NM	96.71	NA	NA	3,008.76
	7/2/2018	NM	96.68	NA	NA	3,008.79
	10/1/2018	NM	96.67	NA	NA	3,008.80
	1/7/2019	NM	96.51	NA	NA	3,008.96
	4/4/2019	NM	96.60	NA	NA	3,008.87
	7/8/2019	98.52	96.61	NA	NA	3,008.86
	10/7/2019	NM	96.64	NA	NA	3,008.83
	1/13/2020	98.55	97.63	NA	NA	3,007.84
	4/6/2020	98.78	96.57	NA	NA	3,008.90
	7/10/2020	98.35	96.64	NA	NA	3,008.83
	10/8/2020	98.52	96.61	NA	NA	3,008.86
	1/5/2021	98.56	96.58	NA	NA	3,008.89
	4/6/2021	98.56	96.52	NA	NA	3,008.95
	7/20/2021	NM	96.53	NA	NA	3,008.94
	1/18/2022	NM	96.44	NA	NA	3,009.03
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-13						
3,051.17	4/7/2017	111.80	84.04	NA	NA	2,967.13
	7/13/2017	NM	84.05	NA	NA	2,967.12
	10/3/2017	NM	84.10	NA	NA	2,967.07
	1/12/2018	NM	84.12	NA	NA	2,967.05
	4/2/2018	NM	84.15	NA	NA	2,967.02
	7/2/2018	NM	84.15	NA	NA	2,967.02
	10/1/2018	NM	84.24	NA	NA	2,966.93
	1/7/2019	NM	84.15	NA	NA	2,967.02
	4/4/2019	NM	84.27	NA	NA	2,966.90
	7/8/2019	111.74	84.29	NA	NA	2,966.88
	10/8/2019	NM	84.37	NA	NA	2,966.80
	1/13/2020	NM	84.40	NA	NA	2,966.77
	4/6/2020	111.70	84.39	NA	NA	2,966.78
	7/7/2020	111.64	84.44	NA	NA	2,966.73
	10/8/2020	111.73	84.49	NA	NA	2,966.68
	1/4/2021	111.73	84.53	NA	NA	2,966.64
	4/6/2021	111.73	84.53	NA	NA	2,966.64

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/20/2021	NM	84.60	NA	NA	2,966.57
	1/17/2022	NM	84.56	NA	NA	2,966.61
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-14						
3,126.82	2/17/2020	97.74	95.82	NA	NA	3,031.00
	4/6/2020	97.67	95.81	NA	NA	3,031.01
	7/9/2020	97.66	95.82	NA	NA	3,031.00
	10/8/2020	97.75	95.85	NA	NA	3,030.97
	1/5/2021	97.68	95.79	NA	NA	3,031.03
	4/6/2021	97.68	95.76	NA	NA	3,031.06
	7/20/2021	NM	95.77	NA	NA	3,031.05
	1/18/2022	NM	95.59	NA	NA	3,031.23
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-15						
3,064.93	2/17/2020	98.06	86.55	NA	NA	2,978.38
	4/6/2020	98.08	86.60	NA	NA	2,978.33
	7/7/2020	98.07	86.66	NA	NA	2,978.27
	10/8/2020	97.99	87.71	NA	NA	2,977.22
	1/4/2021	98.20	86.76	NA	NA	2,978.17
	4/6/2021	98.20	86.76	NA	NA	2,978.17
	7/20/2021	NM	NM	NA	NA	NA
	1/18/2022	NM	86.86	NA	NA	2,978.07
	6/28/2022	NM	87.01	NA	NA	2,977.92
NM-MW-16						
3,085.99	2/17/2020	93.04	DRY	NA	NA	NA
	4/6/2020	93.04	DRY	NA	NA	NA
	7/7/2020	93.05	DRY	NA	NA	NA
	10/8/2020	93.10	93.06	NA	NA	2,992.93
	1/4/2021	93.11	DRY	NA	NA	NA
	4/6/2021	93.02	DRY	NA	NA	NA
	7/20/2021	NM	DRY	NA	NA	NA
	1/18/2022	NM	NM	NA	NA	NA
	6/28/2022	NM	NM	NA	NA	NA
NM-MW-17						
3,035.70	2/17/2020	86.71	58.34	NA	NA	2,977.36
	4/6/2020	86.70	58.36	NA	NA	2,977.34
	7/7/2020	86.74	58.43	NA	NA	2,977.27
	10/8/2020	86.73	58.52	NA	NA	2,977.18
	1/4/2021	86.73	58.55	NA	NA	2,977.15
	4/6/2021	86.73	58.54	NA	NA	2,977.16
	7/20/2021	NM	58.62	NA	NA	2,977.08
	1/18/2022	NM	58.63	NA	NA	2,977.07
	6/28/2022	NM	58.77	NA	NA	2,976.93
NM-MW-20						
3,091.29	2/17/2020	97.76	93.23	NA	NA	2,998.06
	4/6/2020	97.81	93.29	NA	NA	2,998.00
	7/10/2020	97.76	93.37	NA	NA	2,997.92
	10/8/2020	97.77	93.39	NA	NA	2,997.90
	1/4/2021	97.77	93.45	NA	NA	2,997.84
	4/6/2021	97.77	93.37	NA	NA	2,997.92
	7/20/2021	NM	93.48	NA	NA	2,997.81
	1/18/2022	NM	93.34	NA	NA	2,997.95
	6/28/2022	NM	93.53	NA	NA	2,997.76
NM-MW-21						
3,047.98	2/17/2020	78.48	76.46	NA	NA	2,971.52
	4/6/2020	78.48	76.50	NA	NA	2,971.48
	7/10/2020	78.48	76.53	NA	NA	2,971.45
	10/8/2020	78.49	76.57	NA	NA	2,971.41
	1/4/2021	78.55	76.61	NA	NA	2,971.37
	4/6/2021	78.55	76.64	NA	NA	2,971.34
	7/20/2021	NM	76.69	NA	NA	2,971.29
	1/18/2022	NM	76.64	NA	NA	2,971.34
	6/28/2022	NM	NM	NA	NA	NA
Non-Remedial Wells						
Livermore						
NM	12/7/2006	111.60	95.96	NA	NA	NA
	2/13/2007	110.72	95.08	NA	NA	NA
	2/28/2007	NM	95.08	NA	NA	NA
	7/30/2007	110.72	95.71	NA	NA	NA
	7/9/2008	110.72	94.89	NA	NA	NA
	1/28/2009	110.81	94.81	NA	NA	NA
	8/28/2009	111.11	95.08	NA	NA	NA
	2/19/2010	NM	94.70	NA	NA	NA
	8/16/2010	NM	94.67	NA	NA	NA
	2/11/2011	NM	95.00	NA	NA	NA
	7/31/2013	104.21	95.29	NA	NA	NA

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TOC Elevation (ft NAVD)	Date	Total Depth (ft below TOC)	Depth to Water (ft below TOC)	Depth to LNAPL (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft NAVD)[1]
	7/16/2014	NM	95.85	NA	NA	NA
	1/25/2016	104.23	95.20	NA	NA	NA
	7/21/2016	NM	95.30	NA	NA	NA
	1/11/2017	NM	95.10	NA	NA	NA
	7/13/2017	NM	95.17	NA	NA	NA
	10/3/2017	NM	95.27	NA	NA	NA
	1/12/2018	NM	94.97	NA	NA	NA
	4/2/2018	NM	94.97	NA	NA	NA
	7/2/2018	NM	95.19	NA	NA	NA
	10/1/2018	NM	95.26	NA	NA	NA
	1/8/2019	NM	95.27	NA	NA	NA
	4/10/2019	NM	95.27	NA	NA	NA
	7/10/2019	NM	95.40	NA	NA	NA
	10/9/2019	NM	95.28	NA	NA	NA
	1/16/2020	NM	95.62	NA	NA	NA
	4/8/2020	99.81	95.42	NA	NA	NA
	7/6/2020	99.87	95.48	NA	NA	NA
	10/12/2020	99.77	95.52	NA	NA	NA
	1/7/2021	99.74	95.63	NA	NA	NA
	7/22/2021	NM	95.65	NA	NA	NA
	1/20/2022	NM	95.43	NA	NA	NA
	6/28/2022	NM	NM	NA	NA	NA
Pure Water Well						
3,151.80	8/16/2012	104.80	88.00	NA	NA	3,063.80
	8/30/2013	100.50	88.35	NA	NA	3,063.45
	7/14/2015	NM	88.35	NA	NA	3,063.45
RRR Ranch Windmill						
NM	8/28/2009	117.05	95.05	NA	NA	NA
	7/22/2016	NM	94.36	NA	NA	NA
	1/12/2017	NM	94.28	NA	NA	NA
	7/13/2017	99.61	94.37	NA	NA	NA
	10/3/2017	NM	94.34	NA	NA	NA
	1/12/2018	NM	94.24	NA	NA	NA
	4/2/2018	NM	94.24	NA	NA	NA
	7/2/2018	NM	94.14	NA	NA	NA
	10/1/2018	NM	94.08	NA	NA	NA
	1/7/2019	NM	93.95	NA	NA	NA
	4/4/2019	NM	93.95	NA	NA	NA
	7/8/2019	96.44	93.82	NA	NA	NA
	10/7/2019	NM	93.91	NA	NA	NA
	1/13/2020	NM	93.72	NA	NA	NA
	4/6/2020	96.60	93.69	NA	NA	NA
	7/9/2020	96.48	93.57	NA	NA	NA
	10/7/2020	96.33	93.55	NA	NA	NA
	1/5/2021	96.33	93.46	NA	NA	NA
	4/6/2021	96.33	93.42	NA	NA	NA
	7/19/2021	NM	93.48	NA	NA	NA
	1/17/2022	NM	93.28	NA	NA	NA
	6/28/2022	NM	NM	NA	NA	NA
TRAC-4						
NM	NA	NM	NM	NA	NA	NA
TRAC-8						
NM	NA	NM	NM	NA	NA	NA
Wilson Ranch Well						
NM	NA	NM	NM	NA	NA	NA

Notes:
[1] Formula for Adjusted Groundwater Elevation: TOC - Depth to Water + 0.75 (LNAPL thickness).
ft = feet
NAVD = North American Vertical Datum
TOC = top of casing
LNAPL = light non-aqueous phase liquid
NM = Not Measured
NA = Not Applicable

Appendix B

September 2022 Groundwater Sample Analytical Laboratory Report

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-19566-1
Laboratory Sample Delivery Group: 12586708
Client Project/Site: Scout EP-Dollarhide

For:
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Attn: Phillip Moore

Debbie Simmons

Authorized for release by:
10/3/2022 6:12:53 PM

Debbie Simmons, Project Manager
(832)986-6768
Debbie.Simmons@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Laboratory Job ID: 880-19566-1
SDG: 12586708

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 880-19566-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Job ID: 880-19566-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19566-1

Receipt
The sample was received on 9/22/2022 3:54 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Chloride analytical batch 860-71459 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Client Sample ID: NM-MW-15-W-092222

Date Collected: 09/22/22 11:50
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19566-1

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.5		0.500	0.200	mg/L			10/01/22 18:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	536		10.0	10.0	mg/L			09/27/22 17:20	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-71459/3
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			10/01/22 14:32	1

Lab Sample ID: LCS 860-71459/6
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.567		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-71459/7
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.542		mg/L		95	90 - 110	0	20

Lab Sample ID: LLCS 860-71459/5
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5256		mg/L		105	50 - 150

Lab Sample ID: 880-19566-1 MS
Matrix: Water
Analysis Batch: 71459

Client Sample ID: NM-MW-15-W-092222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	53.5		10.0	62.40	4	mg/L		89	90 - 110

Lab Sample ID: 880-19566-1 MSD
Matrix: Water
Analysis Batch: 71459

Client Sample ID: NM-MW-15-W-092222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	53.5		10.0	62.27	4	mg/L		88	90 - 110	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-70847/1
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			09/27/22 17:19	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 860-70847/2
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1007		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-70847/3
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	987.0		mg/L		99	80 - 120	2	10

Lab Sample ID: LLCS 860-70847/4
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	6.000		mg/L		120	50 - 150

QC Association Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

HPLC/IC

Analysis Batch: 71459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19566-1	NM-MW-15-W-092222	Total/NA	Water	300.0	
MB 860-71459/3	Method Blank	Total/NA	Water	300.0	
LCS 860-71459/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-71459/7	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-71459/5	Lab Control Sample	Total/NA	Water	300.0	
880-19566-1 MS	NM-MW-15-W-092222	Total/NA	Water	300.0	
880-19566-1 MSD	NM-MW-15-W-092222	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 70847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19566-1	NM-MW-15-W-092222	Total/NA	Water	SM 2540C	
MB 860-70847/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-70847/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-70847/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-70847/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Client Sample ID: NM-MW-15-W-092222

Date Collected: 09/22/22 11:50
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19566-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71459	10/01/22 18:49	W1N	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	70847	09/27/22 17:20	MCA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19566-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19566-1	NM-MW-15-W-092222	Water	09/22/22 11:50	09/22/22 15:54

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

19566

Client Information	Sampler: Ryan Livingston	Lab PM: Simmons Debbie	Carrier Tracking No(s):	COC No: 880-3872-437 4
Client Contact: Phillip Moore	Phone:	E-Mail: Debbie Simmons@et eurofinsus com	State of Origin:	Page: ~~Page 4 of 6~~ 1 of 1
Company: GHD Services Inc	PWSID:			Job #:
Address: 1755 Wittington Place Suite 500	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 225-296-6513(Tel)	PO #: 340-003326			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	300_ORGFM_28D Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	N		
NM-MW-15-W-092222	9.22.22	1150	G	W			X	X		

880-19566 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:			Received by:	9/22/22 1554	
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.2/2.4

Ver: 01/16/2019

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

880-19566 Chain of Custody

Environment Testing America

10/3/2022

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Simmons, Debbie	
Client Contact: Shipping/Receiving	Phone:	E-Mail: Debbie.Simmons@et.eurofinsus.com	New Mexico — Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas	Job #: 880-19566-1
Address: 4145 Greenbriar Dr	Due Date Requested: 9/28/2022		
City: Stafford	TAT Requested (days):		
State, Zip: TX, 77477			
Phone: 281-240-4200(Tel)	PO #:		
Email:	WO #:		
Project Name: Scout EP-Dollarhide	Project #: 88000225		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
NM-MW-15-W-092222 (880-19566-1)	9/22/22	11.50 Mountain		Water			X	X	2	

Temp. 3.2 IR ID:HOU-343
C/F +0.3
Corrected Temp. 3.5

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by: Steve	Date/Time: 4/24/22 1034	Company Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-19566-1
SDG Number: 12586708

Login Number: 19566
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-19566-1
SDG Number: 12586708

Login Number: 19566
List Number: 2
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 09/24/22 12:19 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-19574-1
Laboratory Sample Delivery Group: 12586708
Client Project/Site: Scout EP-Dollarhide

For:
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Attn: Phillip Moore

Authorized for release by:
10/3/2022 6:15:24 PM

Debbie Simmons, Project Manager
(832)986-6768
Debbie.Simmons@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Laboratory Job ID: 880-19574-1
SDG: 12586708

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 880-19574-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Job ID: 880-19574-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19574-1

Receipt
The sample was received on 9/22/2022 3:54 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Client Sample ID: MW-34-W-092222

Date Collected: 09/22/22 13:25
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19574-1

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.3		0.500	0.200	mg/L			10/01/22 18:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	589		10.0	10.0	mg/L			09/27/22 15:08	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-71459/3
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			10/01/22 14:32	1

Lab Sample ID: LCS 860-71459/6
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.567		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-71459/7
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.542		mg/L		95	90 - 110	0	20

Lab Sample ID: LLCS 860-71459/5
Matrix: Water
Analysis Batch: 71459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5256		mg/L		105	50 - 150

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-70802/1
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			09/27/22 15:08	1

Lab Sample ID: LCS 860-70802/2
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1001		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-70802/3
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1042		mg/L		104	80 - 120	4	10

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LLCS 860-70802/4
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	5.000		mg/L		100	50 - 150		

QC Association Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

HPLC/IC

Analysis Batch: 71459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19574-1	MW-34-W-092222	Total/NA	Water	300.0	
MB 860-71459/3	Method Blank	Total/NA	Water	300.0	
LCS 860-71459/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-71459/7	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-71459/5	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 70802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19574-1	MW-34-W-092222	Total/NA	Water	SM 2540C	
MB 860-70802/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-70802/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-70802/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-70802/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Client Sample ID: MW-34-W-092222

Date Collected: 09/22/22 13:25
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19574-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71459	10/01/22 18:26	W1N	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19574-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19574-1	MW-34-W-092222	Water	09/22/22 13:25	09/22/22 15:54

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

19574

Client Information	Sampler: Ryan Livingston	Lab PM: Simmons Debbie	Carrier Tracking No(s)	COC No: 880-3872-437 6
Client Contact: Phillip Moore	Phone	E-Mail: Debbie Simmons@et eurofinsus com	State of Origin	Page: ~~Page 6 of 6~~ 1 of 1
Company: GHD Services Inc	PWSID:			Job #:
Address: 1755 Wittington Place Suite 500	Due Date Requested			
City: Dallas	TAT Requested (days):			
State Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 225-296-6513(Tel)	PO #: 340-003326			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:			N	N			
MW-34-W-092222	9-22-22	17:35	G	W		X	X			

880-19574 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time: 9/22/22 1554	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.2/24

Ver: 01/16/2019

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

880-19574 Chain of Custody

10/3/2022

Client Information (Sub Contract Lab)	Sampler	Lab PM: Simmons, Debbie	
Client Contact: Shipping/Receiving	Phone:	E-Mail: Debbie.Simmons@et.eurofinsus.com	New Mexico
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas	Job #: 880-19574-1
Address: 4145 Greenbriar Dr	Due Date Requested: 9/28/2022		
City: Stafford	TAT Requested (days):		
State, Zip: TX, 77477			
Phone: 281-240-4200(Tel)	PO #:		
Email:	WO #:		
Project Name: Scout EP-Dollarhide	Project #: 88000225		
Site:	SSOW#:		

Page 1 of 1

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-34-W-092222 (880-19574-1)	9/22/22	13:25 Mountain		Water			X	X	2	

Temp: 3.2 IR ID:HOU-343
C/F +0.3
Corrected Temp: 3.5

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time:	Company	Received by: Stover	Date/Time: 9/24/22 1034	Company Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-19574-1
SDG Number: 12586708

Login Number: 19574
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-19574-1
SDG Number: 12586708

Login Number: 19574
List Number: 2
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 09/24/22 12:18 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-19575-1
Laboratory Sample Delivery Group: 12586708
Client Project/Site: Scout EP-Dollarhide

For:
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Attn: Phillip Moore

Debbie Simmons

Authorized for release by:
10/3/2022 6:17:50 PM

Debbie Simmons, Project Manager
(832)986-6768
Debbie.Simmons@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Laboratory Job ID: 880-19575-1
SDG: 12586708

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 880-19575-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Job ID: 880-19575-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19575-1

Receipt
The samples were received on 9/22/2022 3:54 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc. Job ID: 880-19575-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: MW-18-W-092222 Lab Sample ID: 880-19575-1
Date Collected: 09/22/22 09:40 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24200		50.0	20.0	mg/L			10/01/22 10:21	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	35700		200	200	mg/L			09/27/22 15:08	1

Client Sample ID: MW-19-W-092222 Lab Sample ID: 880-19575-2
Date Collected: 09/22/22 09:55 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9650		50.0	20.0	mg/L			10/01/22 10:33	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	15700		100	100	mg/L			09/27/22 15:08	1

Client Sample ID: MW-25-W-092222 Lab Sample ID: 880-19575-3
Date Collected: 09/22/22 10:10 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22800		50.0	20.0	mg/L			10/01/22 10:44	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	31300		200	200	mg/L			09/27/22 15:08	1

Client Sample ID: MW-31-W-092222 Lab Sample ID: 880-19575-4
Date Collected: 09/22/22 10:25 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10700		50.0	20.0	mg/L			10/01/22 10:55	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	16800		100	100	mg/L			09/27/22 15:08	1

Client Sample ID: MW-29-W-092222 Lab Sample ID: 880-19575-5
Date Collected: 09/22/22 13:50 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	632		5.00	2.00	mg/L			10/01/22 08:05	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1540		20.0	20.0	mg/L			09/27/22 15:08	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc. Job ID: 880-19575-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: NM-MW-1-W-092222 Lab Sample ID: 880-19575-6
Date Collected: 09/22/22 11:08 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		5.00	2.00	mg/L			10/01/22 08:16	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1450		20.0	20.0	mg/L			09/27/22 15:08	1

Client Sample ID: NM-MW-5-W-092222 Lab Sample ID: 880-19575-7
Date Collected: 09/22/22 11:18 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		5.00	2.00	mg/L			10/01/22 08:28	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1280		10.0	10.0	mg/L			09/27/22 15:08	1

Client Sample ID: NM-MW-6-W-092222 Lab Sample ID: 880-19575-8
Date Collected: 09/22/22 11:30 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		0.500	0.200	mg/L			10/01/22 06:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	931		10.0	10.0	mg/L			09/27/22 15:08	1

Client Sample ID: NM-MW-9-W-092222 Lab Sample ID: 880-19575-9
Date Collected: 09/22/22 10:45 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		0.500	0.200	mg/L			10/01/22 06:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	781		10.0	10.0	mg/L			09/27/22 15:08	1

Client Sample ID: NM-MW-10-W-092222 Lab Sample ID: 880-19575-10
Date Collected: 09/22/22 12:10 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	316		5.00	2.00	mg/L			10/01/22 08:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1680		20.0	20.0	mg/L			09/27/22 15:08	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc. Job ID: 880-19575-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: NM-MW-17-W-092222 Lab Sample ID: 880-19575-11

Date Collected: 09/22/22 12:39 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		0.500	0.200	mg/L			10/01/22 07:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	950		10.0	10.0	mg/L			09/27/22 15:08	1

Client Sample ID: NM-MW-20-W-092222 Lab Sample ID: 880-19575-12

Date Collected: 09/22/22 13:11 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		0.500	0.200	mg/L			10/01/22 06:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	484		10.0	10.0	mg/L			09/28/22 18:02	1

Client Sample ID: MW-18-WD-092222 Lab Sample ID: 880-19575-13

Date Collected: 09/22/22 00:00 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24200		50.0	20.0	mg/L			10/01/22 11:07	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	39900		200	200	mg/L			09/28/22 18:02	1

Client Sample ID: FB-W-092222 Lab Sample ID: 880-19575-14

Date Collected: 09/22/22 00:00 **Matrix: Water**
Date Received: 09/22/22 15:54

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.217	J	0.500	0.200	mg/L			10/01/22 06:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10.5		5.00	5.00	mg/L			09/27/22 17:19	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-71339/3
Matrix: Water
Analysis Batch: 71339

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			09/30/22 17:50	1

Lab Sample ID: MB 860-71339/64
Matrix: Water
Analysis Batch: 71339

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			10/01/22 05:04	1

Lab Sample ID: LCS 860-71339/65
Matrix: Water
Analysis Batch: 71339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.560		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-71339/66
Matrix: Water
Analysis Batch: 71339

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.573		mg/L		96	90 - 110	0	20

Lab Sample ID: LLCS 860-71339/5
Matrix: Water
Analysis Batch: 71339

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5755		mg/L		115	50 - 150

Lab Sample ID: 880-19575-14 MS
Matrix: Water
Analysis Batch: 71339

Client Sample ID: FB-W-092222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.217	J	10.0	9.984		mg/L		98	90 - 110

Lab Sample ID: 880-19575-14 MSD
Matrix: Water
Analysis Batch: 71339

Client Sample ID: FB-W-092222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	0.217	J	10.0	10.01		mg/L		98	90 - 110	0	20

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-70802/1
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			09/27/22 15:08	1

Lab Sample ID: LCS 860-70802/2
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1001		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-70802/3
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1042		mg/L		104	80 - 120	4	10

Lab Sample ID: LLCS 860-70802/4
Matrix: Water
Analysis Batch: 70802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	5.000		mg/L		100	50 - 150

Lab Sample ID: 880-19575-9 DU
Matrix: Water
Analysis Batch: 70802

Client Sample ID: NM-MW-9-W-092222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	781		804.0		mg/L		3	10

Lab Sample ID: MB 860-70847/1
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			09/27/22 17:19	1

Lab Sample ID: LCS 860-70847/2
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1007		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-70847/3
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	987.0		mg/L		99	80 - 120	2	10

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LLCS 860-70847/4
Matrix: Water
Analysis Batch: 70847

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	6.000		mg/L		120	50 - 150		

Lab Sample ID: MB 860-71026/1
Matrix: Water
Analysis Batch: 71026

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			09/28/22 18:02	1

Lab Sample ID: LCS 860-71026/2
Matrix: Water
Analysis Batch: 71026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	980.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-71026/3
Matrix: Water
Analysis Batch: 71026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1032		mg/L		103	80 - 120	5	10

QC Association Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

HPLC/IC

Analysis Batch: 71339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19575-1	MW-18-W-092222	Total/NA	Water	300.0	
880-19575-2	MW-19-W-092222	Total/NA	Water	300.0	
880-19575-3	MW-25-W-092222	Total/NA	Water	300.0	
880-19575-4	MW-31-W-092222	Total/NA	Water	300.0	
880-19575-5	MW-29-W-092222	Total/NA	Water	300.0	
880-19575-6	NM-MW-1-W-092222	Total/NA	Water	300.0	
880-19575-7	NM-MW-5-W-092222	Total/NA	Water	300.0	
880-19575-8	NM-MW-6-W-092222	Total/NA	Water	300.0	
880-19575-9	NM-MW-9-W-092222	Total/NA	Water	300.0	
880-19575-10	NM-MW-10-W-092222	Total/NA	Water	300.0	
880-19575-11	NM-MW-17-W-092222	Total/NA	Water	300.0	
880-19575-12	NM-MW-20-W-092222	Total/NA	Water	300.0	
880-19575-13	MW-18-WD-092222	Total/NA	Water	300.0	
880-19575-14	FB-W-092222	Total/NA	Water	300.0	
MB 860-71339/3	Method Blank	Total/NA	Water	300.0	
MB 860-71339/64	Method Blank	Total/NA	Water	300.0	
LCS 860-71339/65	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-71339/66	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-71339/5	Lab Control Sample	Total/NA	Water	300.0	
880-19575-14 MS	FB-W-092222	Total/NA	Water	300.0	
880-19575-14 MSD	FB-W-092222	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 70802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19575-1	MW-18-W-092222	Total/NA	Water	SM 2540C	
880-19575-2	MW-19-W-092222	Total/NA	Water	SM 2540C	
880-19575-3	MW-25-W-092222	Total/NA	Water	SM 2540C	
880-19575-4	MW-31-W-092222	Total/NA	Water	SM 2540C	
880-19575-5	MW-29-W-092222	Total/NA	Water	SM 2540C	
880-19575-6	NM-MW-1-W-092222	Total/NA	Water	SM 2540C	
880-19575-7	NM-MW-5-W-092222	Total/NA	Water	SM 2540C	
880-19575-8	NM-MW-6-W-092222	Total/NA	Water	SM 2540C	
880-19575-9	NM-MW-9-W-092222	Total/NA	Water	SM 2540C	
880-19575-10	NM-MW-10-W-092222	Total/NA	Water	SM 2540C	
880-19575-11	NM-MW-17-W-092222	Total/NA	Water	SM 2540C	
MB 860-70802/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-70802/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-70802/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-70802/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-19575-9 DU	NM-MW-9-W-092222	Total/NA	Water	SM 2540C	

Analysis Batch: 70847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19575-14	FB-W-092222	Total/NA	Water	SM 2540C	
MB 860-70847/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-70847/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-70847/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-70847/4	Lab Control Sample	Total/NA	Water	SM 2540C	

QC Association Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

General Chemistry

Analysis Batch: 71026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19575-12	NM-MW-20-W-092222	Total/NA	Water	SM 2540C	
880-19575-13	MW-18-WD-092222	Total/NA	Water	SM 2540C	
MB 860-71026/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-71026/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-71026/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Client Sample ID: MW-18-W-092222
Date Collected: 09/22/22 09:40
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19575-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			71339	10/01/22 10:21	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: MW-19-W-092222
Date Collected: 09/22/22 09:55
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19575-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			71339	10/01/22 10:33	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: MW-25-W-092222
Date Collected: 09/22/22 10:10
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19575-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			71339	10/01/22 10:44	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: MW-31-W-092222
Date Collected: 09/22/22 10:25
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19575-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			71339	10/01/22 10:55	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: MW-29-W-092222
Date Collected: 09/22/22 13:50
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19575-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			71339	10/01/22 08:05	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: NM-MW-1-W-092222
Date Collected: 09/22/22 11:08
Date Received: 09/22/22 15:54

Lab Sample ID: 880-19575-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			71339	10/01/22 08:16	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Lab Chronicle

Client: GHD Services Inc. Job ID: 880-19575-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: NM-MW-5-W-092222 Lab Sample ID: 880-19575-7

Date Collected: 09/22/22 11:18 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			71339	10/01/22 08:28	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: NM-MW-6-W-092222 Lab Sample ID: 880-19575-8

Date Collected: 09/22/22 11:30 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71339	10/01/22 06:12	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: NM-MW-9-W-092222 Lab Sample ID: 880-19575-9

Date Collected: 09/22/22 10:45 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71339	10/01/22 06:23	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: NM-MW-10-W-092222 Lab Sample ID: 880-19575-10

Date Collected: 09/22/22 12:10 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			71339	10/01/22 08:39	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: NM-MW-17-W-092222 Lab Sample ID: 880-19575-11

Date Collected: 09/22/22 12:39 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71339	10/01/22 07:42	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	70802	09/27/22 15:08	BSR	EET HOU

Client Sample ID: NM-MW-20-W-092222 Lab Sample ID: 880-19575-12

Date Collected: 09/22/22 13:11 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71339	10/01/22 06:34	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	71026	09/28/22 18:02	BSR	EET HOU

Lab Chronicle

Client: GHD Services Inc. Job ID: 880-19575-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: MW-18-WD-092222 Lab Sample ID: 880-19575-13

Date Collected: 09/22/22 00:00 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			71339	10/01/22 11:07	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	71026	09/28/22 18:02	BSR	EET HOU

Client Sample ID: FB-W-092222 Lab Sample ID: 880-19575-14

Date Collected: 09/22/22 00:00 **Matrix: Water**
Date Received: 09/22/22 15:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			71339	10/01/22 06:46	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	70847	09/27/22 17:19	MCA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-19575-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19575-1	MW-18-W-092222	Water	09/22/22 09:40	09/22/22 15:54
880-19575-2	MW-19-W-092222	Water	09/22/22 09:55	09/22/22 15:54
880-19575-3	MW-25-W-092222	Water	09/22/22 10:10	09/22/22 15:54
880-19575-4	MW-31-W-092222	Water	09/22/22 10:25	09/22/22 15:54
880-19575-5	MW-29-W-092222	Water	09/22/22 13:50	09/22/22 15:54
880-19575-6	NM-MW-1-W-092222	Water	09/22/22 11:08	09/22/22 15:54
880-19575-7	NM-MW-5-W-092222	Water	09/22/22 11:18	09/22/22 15:54
880-19575-8	NM-MW-6-W-092222	Water	09/22/22 11:30	09/22/22 15:54
880-19575-9	NM-MW-9-W-092222	Water	09/22/22 10:45	09/22/22 15:54
880-19575-10	NM-MW-10-W-092222	Water	09/22/22 12:10	09/22/22 15:54
880-19575-11	NM-MW-17-W-092222	Water	09/22/22 12:39	09/22/22 15:54
880-19575-12	NM-MW-20-W-092222	Water	09/22/22 13:11	09/22/22 15:54
880-19575-13	MW-18-WD-092222	Water	09/22/22 00:00	09/22/22 15:54
880-19575-14	FB-W-092222	Water	09/22/22 00:00	09/22/22 15:54

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

19575

10/3/2022

Client Information	Sampler: Ryan Livingston	Lab PM: Simmons Debbie	Carrier Tracking No(s)	COC No: 880-3872-437 2
Client Contact: Phillip Moore	Phone:	E-Mail: Debbie Simmons@et eurofinsus com	State of Origin	Page: Page 1 of 2
Company: GHD Services Inc	PWSID			Job #
Address: 1755 Wittington Place Suite 500	Due Date Requested			
City: Dallas	TAT Requested (days):			
State Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 225-296-6513(Tel)	PO #: 340-003326			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd TDS	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	N		
mw-18-w-092222	9-22-22	9:40	G	W			X	X		
mw-19-w-092222		9:55								
mw-25-w-092222		10:10								
mw-31-w-092222		10:25								
mw-29-w-092222		13:50								
Nm-mw-1-w-092222		11:08								
Nm-mw-5-w-092222		11:18								
Nm-mw-6-w-092222		11:30								
Nm-mw-9-w-092222		10:45								
Nm-mw-10-w-092222		12:10								
Nm-mw-17-w-092222		12:39								

880-19575 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time: 9/22/22 1554	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.2/2.4

Ver: 01/16/2019

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

19575

Client Information	Sampler	Lab PM: Simmons Debbie	Carrier Tracking No(s)	COC No: 880-3872-437 5
Client Contact: Phillip Moore	Phone	E-Mail: Debbie Simmons@et eurofinsus com	State of Origin	Page: Page 5 of 6 2 of 2
Company: GHD Services Inc	PWSID			Job #
Address: 1755 Wittington Place Suite 500	Due Date Requested			
City: Dallas	TAT Requested (days)			
State, Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 225-296-6513(Tel)	PO #: 340-003326			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O - AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	300_ORGFM_28D Chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	N		
~~MW-~~										
NM-mw-20-W-092222	9.22.22	1311	G	W			X	X		
mw-18-WD-092222	9.22.22	—	G	W			X	X		
FB-W-092222	9.22.22	—	G	W			X	X		

Loc: 880
19575

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time: 9/22/22 1554	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 2.2/2.4

Ver: 01/16/2019

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

880-19575 Chain of Custody

Environment Testing America

10/3/2022

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Simmons, Debbie	
Client Contact: Shipping/Receiving	Phone:	E-Mail: Debbie.Simmons@et.eurofinsus.com	New Mexico
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas	Job #: 880-19575-1
Address: 4145 Greenbriar Dr	Due Date Requested: 9/28/2022		
City: Stafford	TAT Requested (days):		
State, Zip: TX, 77477			
Phone: 281-240-4200(Tel)	PO #:		
Email:	WO #:		
Project Name: Scout EP-Dollarhide	Project #: 88000225		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-18-W-092222 (880-19575-1)	9/22/22	09:40 Mountain		Water			X	X	2	
MW-19-W-092222 (880-19575-2)	9/22/22	09.55 Mountain		Water			X	X	2	
MW-25-W-092222 (880-19575-3)	9/22/22	10:10 Mountain		Water			X	X	2	
MW-31-W-092222 (880-19575-4)	9/22/22	10:25 Mountain		Water			X	X	2	
MW-29-W-092222 (880-19575-5)	9/22/22	13:50 Mountain		Water			X	X	2	
NM-MW-1-W-092222 (880-19575-6)	9/22/22	11.08 Mountain		Water			X	X	2	
NM-MW-5-W-092222 (880-19575-7)	9/22/22	11 18 Mountain		Water			X	X	2	
NM-MW-6-W-092222 (880-19575-8)	9/22/22	11.30 Mountain		Water			X	X	2	
NM-MW-9-W-092222 (880-19575-9)	9/22/22	10:45 Mountain		Water			X	X	2	

Temp: 3.2 IR ID:HOU-343
C/F +0.3
Corrected Temp: 3.5

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/24/22 1034	Company Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Simmons, Debbie	Carrier Tracking No(s):	COC No: 880-5299.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Debbie.Simmons@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-19575-1
Address: 4145 Greenbriar Dr	Due Date Requested: 9/28/2022			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Scout EP-Dollarhide	Project #: 88000225			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
Preservation Code:										
NM-MW-10-W-092222 (880-19575-10)	9/22/22	12:10 Mountain		Water			X	X	2	
NM-MW-17-W-092222 (880-19575-11)	9/22/22	12:39 Mountain		Water			X	X	2	
NM-MW-20-W-092222 (880-19575-12)	9/22/22	13:11 Mountain		Water			X	X	2	
MW-18-WD-092222 (880-19575-13)	9/22/22	Mountain		Water			X	X	2	
FB-W-092222 (880-19575-14)	9/22/22	Mountain		Water			X	X	2	

Temp: 3.2 IR ID:HOU-343
C/F +0.3
Corrected Temp: 3.5

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-19575-1
SDG Number: 12586708

Login Number: 19575
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-19575-1
SDG Number: 12586708

Login Number: 19575
List Number: 2
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 09/24/22 12:13 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Appendix C

December 2022 Groundwater Sample Analytical Laboratory Report

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ANALYTICAL REPORT

PREPARED FOR

Attn: Phillip Moore
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 12/30/2022 10:32:03 AM

JOB DESCRIPTION

Scout EP-Dollarhide
SDG NUMBER 12586708

JOB NUMBER

880-23011-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

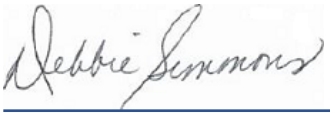
See page two for job notes and contact information.

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/30/2022 10:32:03 AM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Laboratory Job ID: 880-23011-1
SDG: 12586708

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 880-23011-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Job ID: 880-23011-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-23011-1

Receipt
The sample was received on 12/21/2022 2:10 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Client Sample ID: MW-34-W-222012

Date Collected: 12/20/22 14:10
Date Received: 12/21/22 14:10

Lab Sample ID: 880-23011-1

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.6		2.50	1.73	mg/L			12/29/22 05:15	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	673		50.0	50.0	mg/L			12/27/22 20:45	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-42815/3
Matrix: Water
Analysis Batch: 42815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.346	U	0.500	0.346	mg/L			12/29/22 04:37	1

Lab Sample ID: LCS 880-42815/4
Matrix: Water
Analysis Batch: 42815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	23.76		mg/L		95	90 - 110

Lab Sample ID: LCSD 880-42815/5
Matrix: Water
Analysis Batch: 42815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.0	26.59		mg/L		106	90 - 110	11	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 880-42704/1
Matrix: Water
Analysis Batch: 42704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0	U	25.0	25.0	mg/L			12/27/22 20:45	1

Lab Sample ID: LCS 880-42704/2
Matrix: Water
Analysis Batch: 42704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	966.0		mg/L		97	80 - 120

Lab Sample ID: LCSD 880-42704/3
Matrix: Water
Analysis Batch: 42704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	923.0		mg/L		92	80 - 120	5	10

Lab Sample ID: 880-23011-1 DU
Matrix: Water
Analysis Batch: 42704

Client Sample ID: MW-34-W-222012
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	673		685.0		mg/L		2	10

QC Association Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

HPLC/IC

Analysis Batch: 42815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23011-1	MW-34-W-222012	Total/NA	Water	300.0	
MB 880-42815/3	Method Blank	Total/NA	Water	300.0	
LCS 880-42815/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-42815/5	Lab Control Sample Dup	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 42704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23011-1	MW-34-W-222012	Total/NA	Water	SM 2540C	
MB 880-42704/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 880-42704/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 880-42704/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-23011-1 DU	MW-34-W-222012	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Client Sample ID: MW-34-W-222012

Date Collected: 12/20/22 14:10
Date Received: 12/21/22 14:10

Lab Sample ID: 880-23011-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			42815	12/29/22 05:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Method Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23011-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23011-1	MW-34-W-222012	Water	12/20/22 14:10	12/21/22 14:10

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins Environment Testing

23011

Client Information	Sampler: Daniel Sparks, Joe Mireles, Jordan Cheney	Lab PM: Simmons Debbie	Carrier Tracking No(s)	COC No: 880-4773-437 5
Client Contact: Phillip Moore	Phone:	E-Mail: Debbie Simmons@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: GHD Services Inc	PWSID			Job #:
Address: 1755 Wittington Place Suite 500	Due Date Requested			
City: Dallas	TAT Requested (days): Per SSOW			
State Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 972-331(Tel)	PO #: 340-006598			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
MW-34-W-222012	12-20-22	1410	G	W	N	N	X	X		Please place this COC on its own report.

880-23011 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Joe Mireles	12-21-22 / 1405	C-HO		12/21/22 1410	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		3.3/3.0

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-23011-1
SDG Number: 12586708

Login Number: 23011
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Phillip Moore
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 12/30/2022 7:03:52 AM

JOB DESCRIPTION

Scout EP-Dollarhide
SDG NUMBER 12586708

JOB NUMBER

880-23012-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

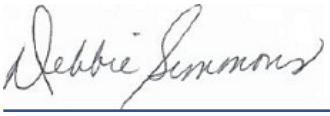
See page two for job notes and contact information.

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/30/2022 7:03:52 AM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Laboratory Job ID: 880-23012-1
SDG: 12586708

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Job ID: 880-23012-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-23012-1

Receipt
The samples were received on 12/21/2022 2:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23012-1
SDG: 12586708

Client Sample ID: MW-31-W-222012

Lab Sample ID: 880-23012-1
Matrix: Water
Date Collected: 12/20/22 11:15
Date Received: 12/21/22 14:10

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11200		50.0	34.6	mg/L			12/29/22 05:19	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15900		1000	1000	mg/L			12/27/22 20:45	1

Client Sample ID: MW-25-W-222012

Lab Sample ID: 880-23012-2
Matrix: Water
Date Collected: 12/20/22 12:00
Date Received: 12/21/22 14:10

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22400		100	69.3	mg/L			12/29/22 05:34	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	35300		1000	1000	mg/L			12/27/22 20:45	1

Client Sample ID: MW-18-W-222012

Lab Sample ID: 880-23012-3
Matrix: Water
Date Collected: 12/20/22 12:20
Date Received: 12/21/22 14:10

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21800		100	69.3	mg/L			12/29/22 05:38	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	39500		1000	1000	mg/L			12/27/22 20:45	1

Client Sample ID: MW-19-W-222012

Lab Sample ID: 880-23012-4
Matrix: Water
Date Collected: 12/20/22 12:50
Date Received: 12/21/22 14:10

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10200		50.0	34.6	mg/L			12/29/22 05:43	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	18300		500	500	mg/L			12/27/22 20:45	1

Client Sample ID: MW-29-W-222012

Lab Sample ID: 880-23012-5
Matrix: Water
Date Collected: 12/20/22 13:30
Date Received: 12/21/22 14:10

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	602		5.00	3.46	mg/L			12/29/22 05:48	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1310		100	100	mg/L			12/27/22 20:45	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23012-1
SDG: 12586708

Client Sample ID: MW-18-WD-222012

Date Collected: 12/20/22 00:00
Date Received: 12/21/22 14:10

Lab Sample ID: 880-23012-6

Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24400		100	69.3	mg/L			12/29/22 05:52	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	39300		1000	1000	mg/L			12/27/22 20:45	1

QC Sample Results

Client: GHD Services Inc. Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-42815/3 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42815

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.346	U	0.500	0.346	mg/L			12/29/22 04:37	1

Lab Sample ID: LCS 880-42815/4 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	23.76		mg/L		95	90 - 110

Lab Sample ID: LCSD 880-42815/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42815

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.0	26.59		mg/L		106	90 - 110	11	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 880-42704/1 **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0	U	25.0	25.0	mg/L			12/27/22 20:45	1

Lab Sample ID: LCS 880-42704/2 **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	966.0		mg/L		97	80 - 120

Lab Sample ID: LCSD 880-42704/3 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42704

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	923.0		mg/L		92	80 - 120	5	10

QC Association Summary

Client: GHD Services Inc. Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

HPLC/IC

Analysis Batch: 42815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23012-1	MW-31-W-222012	Total/NA	Water	300.0	
880-23012-2	MW-25-W-222012	Total/NA	Water	300.0	
880-23012-3	MW-18-W-222012	Total/NA	Water	300.0	
880-23012-4	MW-19-W-222012	Total/NA	Water	300.0	
880-23012-5	MW-29-W-222012	Total/NA	Water	300.0	
880-23012-6	MW-18-WD-222012	Total/NA	Water	300.0	
MB 880-42815/3	Method Blank	Total/NA	Water	300.0	
LCS 880-42815/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-42815/5	Lab Control Sample Dup	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 42704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23012-1	MW-31-W-222012	Total/NA	Water	SM 2540C	
880-23012-2	MW-25-W-222012	Total/NA	Water	SM 2540C	
880-23012-3	MW-18-W-222012	Total/NA	Water	SM 2540C	
880-23012-4	MW-19-W-222012	Total/NA	Water	SM 2540C	
880-23012-5	MW-29-W-222012	Total/NA	Water	SM 2540C	
880-23012-6	MW-18-WD-222012	Total/NA	Water	SM 2540C	
MB 880-42704/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 880-42704/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 880-42704/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc. Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: MW-31-W-222012 Lab Sample ID: 880-23012-1

Date Collected: 12/20/22 11:15 **Matrix: Water**
Date Received: 12/21/22 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			42815	12/29/22 05:19	CH	EET MID
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: MW-25-W-222012 Lab Sample ID: 880-23012-2

Date Collected: 12/20/22 12:00 **Matrix: Water**
Date Received: 12/21/22 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		200			42815	12/29/22 05:34	CH	EET MID
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: MW-18-W-222012 Lab Sample ID: 880-23012-3

Date Collected: 12/20/22 12:20 **Matrix: Water**
Date Received: 12/21/22 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		200			42815	12/29/22 05:38	CH	EET MID
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: MW-19-W-222012 Lab Sample ID: 880-23012-4

Date Collected: 12/20/22 12:50 **Matrix: Water**
Date Received: 12/21/22 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			42815	12/29/22 05:43	CH	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: MW-29-W-222012 Lab Sample ID: 880-23012-5

Date Collected: 12/20/22 13:30 **Matrix: Water**
Date Received: 12/21/22 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			42815	12/29/22 05:48	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: MW-18-WD-222012 Lab Sample ID: 880-23012-6

Date Collected: 12/20/22 00:00 **Matrix: Water**
Date Received: 12/21/22 14:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		200			42815	12/29/22 05:52	CH	EET MID
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide
SDG: 12586708

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Method Summary

Client: GHD Services Inc.
Job ID: 880-23012-1
Project/Site: Scout EP-Dollarhide
SDG: 12586708

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23012-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23012-1	MW-31-W-222012	Water	12/20/22 11:15	12/21/22 14:10
880-23012-2	MW-25-W-222012	Water	12/20/22 12:00	12/21/22 14:10
880-23012-3	MW-18-W-222012	Water	12/20/22 12:20	12/21/22 14:10
880-23012-4	MW-19-W-222012	Water	12/20/22 12:50	12/21/22 14:10
880-23012-5	MW-29-W-222012	Water	12/20/22 13:30	12/21/22 14:10
880-23012-6	MW-18-WD-222012	Water	12/20/22 00:00	12/21/22 14:10

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins Environment Testing

23012

Client Information	Sampler: Darrell Sparks / Joe Mireles Jordan Cherry	Lab PM: Simmons Debbie	Carrier Tracking No(s):	COC No: 880-4773-437 3
Client Contact: Phillip Moore	Phone:	E-Mail: Debbie Simmons@et.eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: GHD Services Inc	PWSID			Job #
Address: 1755 Wittington Place Suite 500	Due Date Requested			
City: Dallas	TAT Requested (days): Per SSOW			
State, Zip: TX, 75234	Compliance Project: Δ Yes Δ No			
Phone: 972-331(Tel)	PO #: 340-006598			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G - Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L - EDA, M Hexane, N - None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T - TSP Dodecahydrate, U Acetone, V - MCAA, W pH 4-5, Y Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd TDS	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N		
MW-31-W-222012	12-20-22	1115	G	W	N	N	X	X		Please this COC on its own report please.
MW-25-W-222012	12-20-22	1200	G	W	N	N	X	X		
MW-19-W-222012	12-20-22	1220	G	W	N	N	X	X		
MW-19-W-222012	12-20-22	1250	G	W	N	N	X	X		
MW-29-W-222012	12-20-22	1330	G	W	N	N	X	X		
MW-18-WD-222012	12-20-22	—	G	W	N	N	X	X		

880-23012 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Joe Mireles	12-21-22 / 1405	GHD		12/21/22 1410	
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

Custody Seals Intact Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 3.3/3.0

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-23012-1
SDG Number: 12586708

Login Number: 23012
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Phillip Moore
GHD Services Inc.
1755 Wittington Place
Suite 500
Dallas, Texas 75234

Generated 12/30/2022 7:04:27 AM

JOB DESCRIPTION

Scout EP-Dollarhide
SDG NUMBER 12586708

JOB NUMBER

880-23022-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

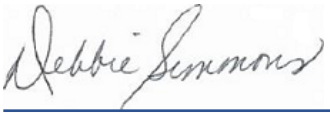
my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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12/30/2022 7:04:27 AM

Authorized for release by
Debbie Simmons, Project Manager
Debbie.Simmons@et.eurofinsus.com
(832)986-6768

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Laboratory Job ID: 880-23022-1
SDG: 12586708

Table of Contents

Definitions/Glossary

Client: GHD Services Inc. Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

General Chemistry

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GHD Services Inc. Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Job ID: 880-23022-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-23022-1

Receipt
The samples were received on 12/21/2022 2:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 880-42815 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: GHD Services Inc. Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: NM-MW-20-W-222012 Lab Sample ID: 880-23022-1

Date Collected: 12/20/22 14:40 **Matrix: Water**
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		2.50	1.73	mg/L			12/29/22 05:57	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	567		50.0	50.0	mg/L			12/27/22 20:45	1

Client Sample ID: NM-MW-17-W-222012 Lab Sample ID: 880-23022-2

Date Collected: 12/20/22 15:10 **Matrix: Water**
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		5.00	3.46	mg/L			12/29/22 06:11	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1110		50.0	50.0	mg/L			12/27/22 20:45	1

Client Sample ID: NM-MW-15-W-222012 Lab Sample ID: 880-23022-3

Date Collected: 12/20/22 15:30 **Matrix: Water**
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.5		2.50	1.73	mg/L			12/29/22 06:16	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	765		50.0	50.0	mg/L			12/27/22 20:45	1

Client Sample ID: NM-MW-9-W-222112 Lab Sample ID: 880-23022-4

Date Collected: 12/21/22 10:45 **Matrix: Water**
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		2.50	1.73	mg/L			12/29/22 06:30	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	647		50.0	50.0	mg/L			12/27/22 20:45	1

Client Sample ID: NM-MW-1-W-222112 Lab Sample ID: 880-23022-5

Date Collected: 12/21/22 11:10 **Matrix: Water**
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		5.00	3.46	mg/L			12/29/22 06:35	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		100	100	mg/L			12/27/22 20:45	1

Client Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23022-1
SDG: 12586708

Client Sample ID: NM-MW-5-W-222112

Lab Sample ID: 880-23022-6
Matrix: Water
Date Collected: 12/21/22 11:20
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.00	3.46	mg/L			12/29/22 06:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1420		100	100	mg/L			12/27/22 20:45	1

Client Sample ID: NM-MW-6-W-222112

Lab Sample ID: 880-23022-7
Matrix: Water
Date Collected: 12/21/22 11:45
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		2.50	1.73	mg/L			12/29/22 06:44	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	775		50.0	50.0	mg/L			12/27/22 20:45	1

Client Sample ID: NM-MW-10-W-222112

Lab Sample ID: 880-23022-8
Matrix: Water
Date Collected: 12/21/22 12:10
Date Received: 12/21/22 14:05

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	287		5.00	3.46	mg/L			12/29/22 06:49	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1840		100	100	mg/L			12/27/22 20:45	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23022-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-42815/3
Matrix: Water
Analysis Batch: 42815

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.346	U	0.500	0.346	mg/L			12/29/22 04:37	1

Lab Sample ID: LCS 880-42815/4
Matrix: Water
Analysis Batch: 42815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	23.76		mg/L		95	90 - 110

Lab Sample ID: LCSD 880-42815/5
Matrix: Water
Analysis Batch: 42815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.0	26.59		mg/L		106	90 - 110	11	20

Lab Sample ID: 880-23022-1 MS
Matrix: Water
Analysis Batch: 42815

Client Sample ID: NM-MW-20-W-222012
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.4		125	143.3		mg/L		102	90 - 110

Lab Sample ID: 880-23022-1 MSD
Matrix: Water
Analysis Batch: 42815

Client Sample ID: NM-MW-20-W-222012
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.4		125	158.6	N1	mg/L		114	90 - 110	10	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 880-42704/1
Matrix: Water
Analysis Batch: 42704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<25.0	U	25.0	25.0	mg/L			12/27/22 20:45	1

Lab Sample ID: LCS 880-42704/2
Matrix: Water
Analysis Batch: 42704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	966.0		mg/L		97	80 - 120

QC Sample Results

Client: GHD Services Inc. Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCSD 880-42704/3 **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42704

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	923.0		mg/L		92	80 - 120	5	10

Lab Sample ID: 880-23022-4 DU **Client Sample ID: NM-MW-9-W-222112**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 42704

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	647			643.0		mg/L				0.6	10

QC Association Summary

Client: GHD Services Inc. Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

HPLC/IC

Analysis Batch: 42815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23022-1	NM-MW-20-W-222012	Total/NA	Water	300.0	
880-23022-2	NM-MW-17-W-222012	Total/NA	Water	300.0	
880-23022-3	NM-MW-15-W-222012	Total/NA	Water	300.0	
880-23022-4	NM-MW-9-W-222112	Total/NA	Water	300.0	
880-23022-5	NM-MW-1-W-222112	Total/NA	Water	300.0	
880-23022-6	NM-MW-5-W-222112	Total/NA	Water	300.0	
880-23022-7	NM-MW-6-W-222112	Total/NA	Water	300.0	
880-23022-8	NM-MW-10-W-222112	Total/NA	Water	300.0	
MB 880-42815/3	Method Blank	Total/NA	Water	300.0	
LCS 880-42815/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 880-42815/5	Lab Control Sample Dup	Total/NA	Water	300.0	
880-23022-1 MS	NM-MW-20-W-222012	Total/NA	Water	300.0	
880-23022-1 MSD	NM-MW-20-W-222012	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 42704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23022-1	NM-MW-20-W-222012	Total/NA	Water	SM 2540C	
880-23022-2	NM-MW-17-W-222012	Total/NA	Water	SM 2540C	
880-23022-3	NM-MW-15-W-222012	Total/NA	Water	SM 2540C	
880-23022-4	NM-MW-9-W-222112	Total/NA	Water	SM 2540C	
880-23022-5	NM-MW-1-W-222112	Total/NA	Water	SM 2540C	
880-23022-6	NM-MW-5-W-222112	Total/NA	Water	SM 2540C	
880-23022-7	NM-MW-6-W-222112	Total/NA	Water	SM 2540C	
880-23022-8	NM-MW-10-W-222112	Total/NA	Water	SM 2540C	
MB 880-42704/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 880-42704/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 880-42704/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-23022-4 DU	NM-MW-9-W-222112	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23022-1
SDG: 12586708

Client Sample ID: NM-MW-20-W-222012
Lab Sample ID: 880-23022-1
Date Collected: 12/20/22 14:40
Matrix: Water
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			42815	12/29/22 05:57	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: NM-MW-17-W-222012
Lab Sample ID: 880-23022-2
Date Collected: 12/20/22 15:10
Matrix: Water
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			42815	12/29/22 06:11	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: NM-MW-15-W-222012
Lab Sample ID: 880-23022-3
Date Collected: 12/20/22 15:30
Matrix: Water
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			42815	12/29/22 06:16	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: NM-MW-9-W-222112
Lab Sample ID: 880-23022-4
Date Collected: 12/21/22 10:45
Matrix: Water
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			42815	12/29/22 06:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: NM-MW-1-W-222112
Lab Sample ID: 880-23022-5
Date Collected: 12/21/22 11:10
Matrix: Water
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			42815	12/29/22 06:35	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: NM-MW-5-W-222112
Lab Sample ID: 880-23022-6
Date Collected: 12/21/22 11:20
Matrix: Water
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			42815	12/29/22 06:39	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Lab Chronicle

Client: GHD Services Inc. Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide SDG: 12586708

Client Sample ID: NM-MW-6-W-222112 Lab Sample ID: 880-23022-7

Date Collected: 12/21/22 11:45 **Matrix: Water**
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5			42815	12/29/22 06:44	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Client Sample ID: NM-MW-10-W-222112 Lab Sample ID: 880-23022-8

Date Collected: 12/21/22 12:10 **Matrix: Water**
Date Received: 12/21/22 14:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			42815	12/29/22 06:49	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	42704	12/27/22 20:45	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: GHD Services Inc.
Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide
SDG: 12586708

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Method Summary

Client: GHD Services Inc.
Job ID: 880-23022-1
Project/Site: Scout EP-Dollarhide
SDG: 12586708

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: GHD Services Inc.
Project/Site: Scout EP-Dollarhide

Job ID: 880-23022-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23022-1	NM-MW-20-W-222012	Water	12/20/22 14:40	12/21/22 14:05
880-23022-2	NM-MW-17-W-222012	Water	12/20/22 15:10	12/21/22 14:05
880-23022-3	NM-MW-15-W-222012	Water	12/20/22 15:30	12/21/22 14:05
880-23022-4	NM-MW-9-W-222112	Water	12/21/22 10:45	12/21/22 14:05
880-23022-5	NM-MW-1-W-222112	Water	12/21/22 11:10	12/21/22 14:05
880-23022-6	NM-MW-5-W-222112	Water	12/21/22 11:20	12/21/22 14:05
880-23022-7	NM-MW-6-W-222112	Water	12/21/22 11:45	12/21/22 14:05
880-23022-8	NM-MW-10-W-222112	Water	12/21/22 12:10	12/21/22 14:05

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins Environment Testing

23022

Client Information	Sampler: Daniel sparks Joe Mireles Jordan Chaney	Lab PM: Simmons Debbie	Carrier Tracking No(s):	COC No: 880-4773-437 2
Client Contact: Phillip Moore	Phone:	E-Mail: Debbie Simmons@et.eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: GHD Services Inc.	PWSID:	Analysis Requested		Job #:
Address: 1755 Wittington Place Suite 500	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify); Other:
City: Dallas	TAT Requested (days): Por 5 5 0 W			
State, Zip: TX 75234	Compliance Project: Δ Yes Δ No			
Phone: 972-331(Tel)	PO #: 340-006598			
Email: phillip moore@ghd com	WO #: 12586708			
Project Name: Scout EP - Dollarhide	Project #: 88000225			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540C_Calcd - TDS	300_ORGFM_28D - Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
NM-MW-20-W-222012	12-20-22	1440	G	W	N	N	X	X		Please place this COC on its own report
NM-MW-17-W-222012	12-20-22	1510	G	W	N	N	X	X		
NM-MW-15-W-222012	12-20-22	1530	G	W	N	N	X	X		
NM-MW-9-W-222112	12-21-22	1045	G	W	N	N	X	X		
NM-MW-1-W-222112	12-21-22	1110	G	W	N	N	X	X		
NM-MW-5-W-222112	12-21-22	1120	G	W	N	N	X	X		
NM-MW-6-W-222112	12-21-22	1145	G	W	N	N	X	X		
NM-MW-10-W-222112	12-21-22	1210	G	W	N	N	X	X		

880-23022 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Joe Mireles	12-21-22 / 1405	GHD		12/21/22 1410	
Relinquished by	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 2.3 | 2.0

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-23022-1
SDG Number: 12586708

Login Number: 23022
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Appendix D

Historical Groundwater Analytical Data

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		300	1,000
Monitor Wells			
43-K-1-MW			
	2/28/2007	**6,200**	**11,400**
	7/26/2007	**7,250**	**13,500**
	1/22/2008	**7,360**	**12,500**
	7/7/2008	**7,460**	**14,300**
	1/28/2009	**8,210**	**14,500**
	8/26/2009	**9,140**	**16,700**
	2/19/2010	**7,560**	**15,000**
	8/18/2010	**10,600**	**17,900**
	2/15/2011	**11,900**	**15,400**
	8/4/2011	**11,600**	**19,800**
	2/3/2012	**9,560**	**19,900**
	7/17/2015	**8,870**	**16,700**
	1/29/2016	NS	NS
	7/20/2016	**8,470**	**13,800**
	1/11/2017	**8,360**	**15,400**
	4/10/2017	NS	NS
	7/14/2017	**8,550**	**14,000**
	1/12/2018	**8,020**	**10,500**
	7/5/2018	**7,840**	**12,700**
	1/7/2019	**7,130**	**9,640**
	7/17/2019	**7,050**	**11,000**
	1/23/2020	**6,570**	**11,300**
	7/13/2020	**7,440**	**10,700**
	1/12/2021	**5,620**	**10,200**
	7/27/2021	**5,530**	**9,980**
	1/31/2022	**5,400**	**9,950**
	6/29/2022	NS	NS
44-I-1-MW			
	01/06	**1,909**	**3,728**
	04/06	**1,349**	**2,823**
	6/13/2006	**1,300**	**2,930**
	9/13/2006	**1,340**	**2,620**
	12/8/2006	**1,370**	**3,010**
	2/28/2007	**1,310**	**2,840**
	7/30/2007	**1,440**	**3,010**
	1/22/2008	**1,630**	**2,730**
	7/7/2008	**1,480**	**2,910**
	1/29/2009	**1,510**	**2,870**
	8/27/2009	**1,500**	**2,850**
	2/18/2010	**1,140**	**2,800**
	8/19/2010	**1,610**	**2,840**
	2/15/2011	**1,970**	**2,850**
	8/4/2011	**1,770**	**3,060**
	2/2/2012	**1,550**	**3,470**
	1/29/2013	**1,850**	**3,300**
	7/30/2013	**1,640**	**3,550**
	1/15/2014	**1,860**	**3,730**
	7/16/2014	**2,100**	**5,180**
	1/14/2015	**2,000**	**4,690**
	1/28/2016	**2,430**	**3,500**
	7/20/2016	**2,620**	**6,220**
	1/12/2017	**3,290**	**6,250**
	4/10/2017	NS	NS
	7/14/2017	**2,750**	**6,700**
	1/12/2018	**2,940**	**5,030**
	7/5/2018	**3,170**	**5,450**
	1/9/2019	**3,320**	**4,580**
	7/17/2019	**3,400**	**5,510**
	1/21/2020	**3,540**	**6,040**
	7/13/2020	**3,660**	**5,840**
	1/12/2021	**3,540**	**6,240**
	7/27/2021	**3,920**	**9,550**
	1/28/2022	**4,260**	**7,150**
	6/29/2022	NS	NS
44-J-1-MW			
	01/06	**1,382**	**2,835**
	03/06	**1,551**	**3,139**
	6/13/2006	**1,550**	**3,570**
	9/13/2006	**1,910**	**3,270**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	12/8/2006	**1,810**	**3,090**
	2/28/2007	**1,600**	**3,530**
	7/30/2007	**1,830**	**3,480**
	1/22/2008	**2,090**	**3,390**
	7/7/2008	**1,960**	**3,780**
	1/29/2009	**1,870**	**4,070**
	8/28/2009	**2,480**	**4,050**
	2/19/2010	**1,850**	**4,480**
	8/19/2010	**2,600**	**4,440**
	2/15/2011	**2,630**	**4,960**
	8/4/2011	**2,890**	**5,740**
	2/2/2012	**2,740**	**5,900**
	1/28/2016	NS	NS
	7/20/2016	**2,440**	**5,980**
	1/12/2017	NS	NS
	4/10/2017	NS	NS
	7/14/2017	**3,650**	**8,630**
	1/12/2018	**3,410**	**6,190**
	7/5/2018	**4,300**	**6,910**
	1/9/2019	**4,850**	**6,190**
	7/17/2019	**5,140**	**7,020**
	1/21/2020	**5,020**	**8,150**
	7/13/2020	**4,770**	**7,880**
	1/12/2021	**3,730**	**6,700**
	7/27/2021	**4,900**	**8,790**
	1/28/2022	**4,940**	**8,460**
	6/29/2022	NS	NS
44-J-2-MW			
	01/06	**1,380**	**2,870**
	03/06	**1,911**	**3,745**
	6/13/2006	**1,760**	**3,910**
	9/13/2006	**2,230**	**3,790**
	12/8/2006	**2,270**	**3,660**
	2/28/2007	**1,820**	**3,770**
	7/30/2007	**2,090**	**4,050**
	1/22/2008	**2,040**	**3,800**
	7/7/2008	**2,130**	**4,290**
	1/29/2009	**2,260**	**4,800**
	8/28/2009	**2,820**	**5,030**
	2/18/2010	**2,280**	**5,840**
	8/20/2010	**2,930**	**5,900**
	2/15/2011	**3,000**	**5,780**
	8/5/2011	**3,090**	**13,200**
	2/2/2012	**3,200**	**7,600**
	1/28/2016	NS	NS
	7/20/2016	**3,990**	**8,680**
	1/12/2017	NS	NS
	4/10/2017	NS	NS
	7/14/2017	**4,160**	**10,000**
	1/12/2018	**4,560**	**7,820**
	7/5/2018	**5,050**	**8,000**
	1/9/2019	**4,930**	**7,020**
	7/17/2019	**5,170**	**7,870**
	1/21/2020	**3,830**	**6,420**
	7/13/2020	**5,120**	**8,210**
	1/12/2021	**4,890**	**8,640**
	7/27/2021	**5,090**	**8,840**
	1/28/2022	**5,470**	**8,630**
	6/29/2022	NS	NS
44-J-3-MW			
	9/13/2006	**2,580**	**4,850**
	12/8/2006	**2,690**	**4,790**
	8/28/2009	**3,330**	**5,820**
	2/18/2010	**2,580**	**4,980**
	8/20/2010	**3,430**	**5,940**
	2/15/2011	**3,660**	**6,340**
	8/2/2011	**3,090**	**5,970**
	2/2/2012	**2,810**	**5,640**
	1/28/2016	NS	NS
	7/20/2016	**3,630**	**7,810**
	1/12/2017	NS	NS

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	4/10/2017	NS	NS
	7/20/2017	**3,960**	**9,150**
	1/12/2018	**4,800**	**8,420**
	7/5/2018	**5,290**	**9,230**
	1/9/2019	**4,300**	**6,330**
	7/17/2019	**5,340**	**8,680**
	1/21/2020	**4,720**	**7,720**
	7/13/2020	**4,920**	**8,080**
	1/12/2021	**4,870**	**8,630**
	7/27/2021	**5,420**	**9,470**
	1/28/2022	**5,810**	**9,650**
	6/29/2022	NS	NS
44-J-4-MW			
	9/13/2006	**1,820**	**3,620**
	12/8/2006	**2,220**	**3,880**
	8/27/2009	**2,090**	**3,810**
	2/18/2010	**1,730**	**4,160**
	8/20/2010	**2,300**	**4,500**
	2/15/2011	**2,400**	**4,500**
	8/2/2011	**2,510**	**4,300**
	2/3/2012	**2,160**	**5,150**
	1/28/2016	NS	NS
	7/20/2016	**3,080**	**6,110**
	1/12/2017	NS	NS
	4/10/2017	NS	NS
	7/20/2017	**2,750**	**6,260**
	1/12/2018	**3,660**	**7,250**
	7/5/2018	**4,520**	**7,430**
	1/9/2019	**4,470**	**6,130**
	7/17/2019	**4,240**	**6,850**
	1/21/2020	**6,120**	**10,500**
	7/13/2020	**4,450**	**8,020**
	1/12/2021	**3,930**	**7,070**
	7/27/2021	**4,470**	**7,910**
	1/28/2022	**5,170**	**8,250**
	6/29/2022	NS	NS
44-J-5-MW			
	9/13/2006	**1,740**	**3,360**
	12/8/2006	**1,570**	**3,260**
	8/27/2009	**1,650**	**3,870**
	2/19/2010	**1,660**	**3,940**
	8/20/2010	**2,150**	**4,260**
	2/15/2011	**2,530**	**4,030**
	8/4/2011	**2,430**	**4,320**
	2/2/2012	**2,260**	**4,920**
	1/28/2016	NS	NS
	7/20/2016	**2,710**	**5,470**
	1/12/2017	NS	NS
	4/10/2017	NS	NS
	7/20/2017	**2,930**	**6,780**
	1/12/2018	**3,500**	**6,230**
	7/5/2018	**4,060**	**6,600**
	1/9/2019	**3,970**	**5,690**
	7/17/2019	**4,200**	**6,810**
	1/21/2020	**4,210**	**6,780**
	7/13/2020	**4,190**	**6,690**
	1/12/2021	**4,140**	**7,520**
	7/27/2021	**4,440**	**8,610**
	1/28/2022	**4,980**	**8,100**
	6/29/2022	NS	NS
45-E-1-MW			
	01/06	**994**	**1,795**
	03/06	**1,686**	**2,951**
	6/14/2006	**2,580**	**5,290**
	9/12/2006	**1,990**	**4,110**
	12/7/2006	**3,740**	**7,960**
	2/28/2007	**3,650**	**8,130**
	7/30/2007	**3,770**	**9,480**
	1/22/2008	**3,850**	**6,250**
	7/7/2008	**3,770**	**7,140**
	1/28/2009	**3,810**	**8,230**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	8/27/2009	**3,710**	**6,780**
	2/18/2010	**3,150**	**6,720**
	8/17/2010	**4,090**	**6,520**
	2/15/2011	**4,150**	**6,800**
	8/2/2011	**1,960**	**8,390**
	2/2/2012	**3,520**	**9,160**
	1/28/2016	NS	NS
	7/20/2016	**2,690**	**6,540**
	1/12/2017	**2,860**	**3,340**
	4/10/2017	NS	NS
	7/20/2017	**2,580**	**5,020**
	1/12/2018	**2,300**	**4,650**
	7/5/2018	**2,530**	**4,220**
	1/9/2019	**2,680**	**3,650**
	7/17/2019	**3,360**	**4,820**
	1/21/2020	**1,050**	**1,970**
	7/13/2020	**3,100**	**5,540**
	1/12/2021	**2,490**	**4,680**
	7/27/2021	**3,500**	**9,750**
	1/28/2022	**3,580**	**8,540**
	6/29/2022	NS	NS
45-E-2-MW			
	01/06	98	601
	03/06	76	600
	6/14/2006	85	576
	9/12/2006	81	529
	12/7/2006	82	560
	2/28/2007	**1,170**	**2,210**
	7/30/2007	**1,260**	**2,290**
	1/22/2008	**1,240**	**2,100**
	7/7/2008	**1,310**	**2,300**
	1/28/2009	**1,280**	**2,540**
	8/26/2009	**322**	880
	2/18/2010	**460**	**1,160**
	8/18/2010	144	612
	2/15/2011	124	629
	8/2/2011	**1,450**	**3,290**
	2/2/2012	**738**	**1,620**
	1/28/2016	NS	NS
	7/20/2016	170	676
	1/12/2017	**2,370**	**4,320**
	4/10/2017	NS	NS
	7/20/2017	**1,720**	**3,780**
	1/12/2018	**718**	**3,050**
	7/5/2018	**1,790**	**3,130**
	1/9/2019	**1,660**	**3,040**
	7/17/2019	**1,830**	**2,880**
	1/21/2020	**1,660**	**3,060**
	7/13/2020	**1,750**	**3,150**
	1/12/2021	**1,670**	**3,080**
DUP	1/12/2021	**1,660**	**3,130**
	7/27/2021	**1,710**	**3,070**
	1/28/2022	**1,620**	**3,140**
	6/29/2022	NS	NS
45-E-3-MW			
	2/28/2007	**3,360**	**6,800**
	7/26/2007	**3,780**	**9,560**
	1/22/2008	**3,660**	**6,030**
	7/7/2008	**3,590**	**7,750**
	1/28/2009	**3,820**	**8,410**
	8/26/2009	**3,520**	**6,870**
	2/18/2010	**3,270**	**7,990**
	8/18/2010	**4,060**	**6,590**
	2/15/2011	**4,320**	**6,820**
	8/2/2011	**1,960**	**8,490**
	2/3/2012	**3,920**	**8,480**
	1/28/2016	NS	NS
	7/20/2016	**2,870**	**6,790**
	1/11/2017	**2,920**	**6,030**
	4/10/2017	NS	NS
	7/20/2017	**2,870**	**5,620**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	1/12/2018	**2,990**	**4,940**
	7/5/2018	**3,360**	**5,750**
	1/9/2019	**3,760**	**5,240**
	7/17/2019	**4,010**	**6,440**
	1/23/2020	**4,260**	**6,880**
	7/13/2020	**5,690**	**8,480**
	1/12/2021	**4,260**	**7,790**
	7/27/2021	**2,540**	**8,230**
	1/31/2022	**4,680**	**8,120**
	6/29/2022	NS	NS
45-F-1-MW			
	01/06	**619**	**1,270**
	03/06	**714**	**1,394**
	6/13/2006	**1,500**	**3,620**
	9/12/2006	**983**	**1,650**
	12/8/2006	**1,300**	**2,840**
	2/28/2007	**1,430**	**3,160**
	7/30/2007	**1,550**	**2,610**
	1/22/2008	**1,530**	**2,400**
	7/7/2008	**1,380**	**2,610**
	1/29/2009	**1,420**	**2,450**
	8/27/2009	**1,380**	**2,140**
	2/18/2010	**655**	**1,980**
	8/18/2010	**1,160**	**1,960**
	2/15/2011	**1,020**	**1,690**
	8/2/2011	**1,270**	**2,650**
	2/3/2012	**1,090**	**2,500**
	1/28/2016	NS	NS
	7/20/2016	**632**	**1,760**
	1/12/2017	**1,010**	**1,900**
	4/10/2017	NS	NS
	7/20/2017	**751**	**1,700**
	1/12/2018	**896**	**1,990**
	7/5/2018	**923**	**1,840**
	1/9/2019	**901**	**1,840**
	7/17/2019	**1,060**	**1,770**
	1/21/2020	**712**	**1,270**
	7/13/2020	**1,130**	**1,960**
	1/12/2021	**991**	**1,770**
	7/27/2021	**1,140**	**1,970**
	1/28/2022	**974**	**1,960**
	6/29/2022	NS	NS
45-FF-MW			
	01/06	**613**	**1,277**
	03/06	**3,090**	**5,086**
	6/13/2006	**3,870**	**11,500**
	9/12/2006	**4,610**	**7,280**
	12/7/2006	**4,910**	**10,600**
	2/28/2007	**5,060**	**8,960**
	2/28/2007	**4,890**	**11,100**
	7/30/2007	**5,020**	**8,780**
	1/22/2008	**5,160**	**9,100**
	7/7/2008	**5,220**	**9,870**
	1/28/2009	**4,900**	**8,540**
	8/27/2009	**5,760**	**9,120**
	2/18/2010	**3,210**	**7,340**
	8/18/2010	**5,830**	**9,360**
	2/15/2011	**6,000**	**10,200**
	8/4/2011	**5,510**	**12,100**
	2/2/2012	**4,360**	**9,680**
	1/28/2016	NS	NS
	7/20/2016	**3,990**	**9,940**
	1/12/2017	**4,800**	**11,200**
	4/10/2017	NS	NS
	7/20/2017	**4,170**	**8,030**
	1/12/2018	**4,820**	**8,280**
	7/5/2018	**5,310**	**9,090**
	1/9/2019	**5,080**	**6,690**
	7/17/2019	**6,060**	**7,320**
	1/21/2020	**4,320**	**7,510**
	7/13/2020	**4,120**	**6,850**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		300	1,000
	1/12/2021	**3,770**	**6,450**
	7/27/2021	**3,750**	**9,810**
	1/28/2022	**3,680**	**6,710**
	6/29/2022	NS	NS
58-B-1-MW			
	01/06	**836**	**1,624**
	3/6/2020	**1,874**	**3,138**
	6/14/2006	**976**	**2,310**
	9/12/2006	**3,440**	**5,290**
	12/7/2006	**3,230**	**7,600**
	2/28/2007	**3,350**	**7,370**
	7/26/2007	**4,680**	**8,890**
	1/22/2008	**3,220**	**5,110**
	7/7/2008	**2,980**	**6,110**
	1/28/2009	**3,150**	**6,330**
	8/26/2009	**3,320**	**5,820**
	2/18/2010	**2,850**	**6,710**
	8/19/2010	**4,120**	**9,970**
	2/15/2011	**4,180**	**6,850**
	8/2/2011	**5,240**	**11,700**
	2/6/2012	**5,510**	**10,000**
	1/28/2016	NS	NS
	7/22/2016	**3,550**	**8,460**
	1/13/2017	**7,510**	**9,410**
	4/10/2017	NS	NS
	7/20/2017	**5,480**	**9,230**
	1/12/2018	**5,250**	**8,620**
	7/5/2018	**6,440**	**10,000**
	1/7/2019	**5,240**	**8,120**
	7/15/2019	**6,180**	**9,750**
	1/21/2020	**6,590**	**10,200**
	7/14/2020	**7,160**	**11,400**
	1/12/2021	**6,230**	**10,500**
	7/27/2021	**6,730**	**10,900**
	1/27/2022	**6,740**	**10,400**
	6/29/2022	NS	NS
58-B-2-MW			
	01/06	**1,103**	**2,024**
	03/06	**650**	**1,329**
	6/14/2006	**4,510**	**8,700**
	9/12/2006	**8,220**	**19,000**
	12/7/2006	**4,700**	**10,700**
	2/28/2007	**5,900**	**10,800**
	7/26/2007	**6,270**	**12,200**
	1/22/2008	**6,200**	**11,300**
	7/7/2008	**5,830**	**11,600**
	1/28/2009	**5,260**	**10,600**
	8/26/2009	**6,260**	**10,800**
	2/18/2010	**4,870**	**9,680**
	8/19/2010	**6,640**	**10,200**
	2/15/2011	**4,100**	**7,390**
	8/2/2011	**1,410**	**13,600**
	2/6/2012	**5,480**	**13,600**
	1/28/2016	**3,550**	**7,440**
	7/22/2016	**2,740**	**6,130**
	1/13/2017	**4,190**	**8,700**
	4/10/2017	NS	NS
	7/20/2017	**3,340**	**5,910**
	1/12/2018	**3,470**	**5,860**
	7/5/2018	**3,900**	**6,410**
	1/7/2019	**4,190**	**5,470**
	7/15/2019	**3,850**	**6,310**
	1/21/2020	**3,770**	**6,280**
	7/14/2020	**4,040**	**7,190**
	1/12/2021	**3,560**	**1,240**
	7/27/2021	**2,300**	**6,480**
	1/27/2022	**3,830**	**6450**
	6/29/2022	NS	NS
58-B-3-MW			
	2/28/2007	**607**	**2,150**
	7/26/2007	**1,200**	**2,340**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	1/22/2008	**1,250**	**2,010**
	7/7/2008	**1,140**	**2,480**
	1/28/2009	**1,300**	**2,400**
	8/26/2009	**1,370**	**2,320**
	2/19/2010	**1,070**	**2,570**
	8/19/2010	**1,450**	**2,340**
	2/15/2011	**1,680**	**2,500**
	8/2/2011	**1,450**	**2,920**
	2/3/2012	**1,330**	**2,660**
	1/29/2013	**1,360**	**2,370**
	7/30/2013	**1,230**	**2,540**
	1/15/2014	**1,250**	**2,920**
	7/16/2014	**1,450**	**4,360**
	1/14/2015	**312**	**938**
	7/15/2015	**715**	**1,770**
	1/28/2016	**688**	**1,660**
	7/22/2016	**570**	**1,290**
	1/10/2017	**683**	**1,830**
	4/10/2017	NS	NS
	7/20/2017	**666**	**1,440**
	1/12/2018	**791**	**1,290**
	7/6/2018	**976**	**1,580**
	1/7/2019	**900**	**2,070**
	7/12/2019	**1,470**	**2,520**
	1/23/2020	**1,570**	**2,710**
	7/14/2020	**1,640**	**3,160**
	1/8/2021	**1,630**	**2,800**
	7/26/2021	**1,730**	**2,890**
	1/27/2022	**1,870**	**3,360**
	6/29/2022	NS	NS
MW-2			
	8/10/2015	204	**1,950**
	1/28/2016	NS	NS
	7/21/2016	NS	NS
	1/12/2017	NS	NS
	4/10/2017	NS	NS
	7/19/2017	NS	NS
	10/5/2017	NS	NS
	1/12/2018	NS	NS
	4/5/2018	NS	NS
	7/6/2018	NS	NS
	10/4/2018	NS	NS
	1/8/2019	NS	NS
	4/10/2019	NS	NS
	7/16/2019	NS	NS
	10/17/2019	NS	NS
	1/22/2020	NS	NS
	4/13/2020	NS	NS
	7/15/2020	NS	NS
	7/13/2020	NS	NS
	1/11/2021	NS	NS
	7/26/2021	NS	NS
	1/24/2022	NS	NS
	6/29/2022	NS	NS
MW-3			
	8/10/2015	249	**1,100**
	1/27/2016	**484**	**1,070**
	7/21/2016	**486**	**1,430**
	1/11/2017	**564**	**1,410**
	4/10/2017	**605**	**1,960**
	7/19/2017	**572**	**1,400**
	10/5/2017	**569**	**1,520**
	1/12/2018	**566**	**1,410**
	4/5/2018	**589**	**1,300**
	7/3/2018	**593**	**1,310**
	10/4/2018	**626**	**1,310**
	1/8/2019	194	619
	4/9/2019	**636**	**1,370**
	7/16/2019	**475**	**1,320**
	10/17/2019	**502**	**1,350**
	1/22/2020	**696**	**2,390**

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	4/13/2020	**603**	**1,400**
	7/15/2020	**648**	**1,550**
	10/12/2020	**671**	**1,380**
	1/11/2021	**605**	**1,470**
	4/7/2021	NS	NS
	7/28/2021	**654**	**1,390**
	1/31/2022	**630**	**1,360**
	6/29/2022	NS	NS
MW-4			
	8/10/2015	240	**1,850**
	1/27/2016	250	941
	7/21/2016	**355**	**2,260**
	1/11/2017	**353**	**1,260**
	4/10/2017	NS	NS
	7/20/2017	**325**	1,000
	10/5/2017	**347**	**1,010**
	1/12/2018	**345**	968
	4/6/2018	**350**	413
	7/3/2018	**338**	831
	10/4/2018	**350**	883
	1/8/2019	258	426
	4/9/2019	**377**	877
	7/16/2019	269	889
	10/17/2019	**325**	902
	1/22/2020	**375**	578
	4/13/2020	**323**	939
	7/15/2020	**352**	**1,050**
	10/12/2020	**343**	903
	1/11/2021	**327**	911
	4/7/2021	NS	NS
	7/28/2021	**326**	951
	1/31/2022	**306**	933
	6/29/2022	NS	NS
MW-5			
	8/10/2015	**837**	**2,960**
	1/28/2016	**459**	**2,130**
	7/21/2016	**397**	**1,690**
	1/11/2017	**364**	**1,400**
	4/10/2017	**346**	**1,560**
	7/19/2017	**309**	**1,170**
	10/5/2017	**302**	**1,040**
	1/12/2018	293	**1,130**
	4/5/2018	289	**1,140**
	7/3/2018	274	**1,020**
	10/4/2018	278	**1,050**
	1/8/2019	244	**1,050**
	4/9/2019	300	257
	7/16/2019	219	**1,120**
	10/17/2019	257	1,000
	1/22/2020	262	964
	4/13/2020	265	986
	7/15/2020	267	**1,090**
	10/12/2020	267	974
	1/11/2021	252	975
	4/7/2021	NS	NS
	7/28/2021	251	996
	1/31/2022	232	932
	6/29/2022	NS	NS
MW-6			
	8/10/2015	**578**	**2,180**
	1/28/2016	**484**	**2,090**
	7/21/2016	**450**	**1,590**
	1/11/2017	**441**	**1,330**
	4/10/2017	**468**	**1,760**
	7/18/2017	**439**	**1,650**
	10/5/2017	**407**	**1,530**
	1/12/2018	**408**	**1,490**
	4/5/2018	**411**	**1,430**
	7/3/2018	**402**	**1,340**
	10/4/2018	**404**	**1,450**
	1/8/2019	**372**	**1,510**

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	4/9/2019	**418**	**1,500**
	7/15/2019	**395**	**1,470**
	10/17/2019	**383**	**1,490**
	1/23/2020	**488**	**1,550**
	4/14/2020	**387**	**1,530**
	7/15/2020	**417**	**1,590**
	10/12/220	**423**	**1,440**
	1/11/2021	**380**	**1,580**
	4/7/2021	NS	NS
	7/27/2021	**412**	**1,470**
	1/31/2022	**369**	**1,500**
	6/29/2022	NS	NS
MW-7			
	8/10/2015	**772**	**3,230**
	1/28/2016	260	**2,620**
	7/21/2016	**524/508**	**2,510/2,410**
	1/12/2017	NS	NS
	4/10/2017	NS	NS
	7/19/2017	NS	NS
	10/5/2017	NS	NS
	1/12/2018	NS	NS
	4/5/2018	NS	NS
	7/3/2018	NS	NS
	10/4/2018	NS	NS
	1/8/2019	NS	NS
	4/10/2019	NS	NS
	7/15/2019	NS	NS
	10/17/2019	NS	NS
	1/23/2020	NS	NS
	4/14/2020	NS	NS
	7/15/2020	NS	NS
	10/12/2020	NS	NS
	1/12/2021	NS	NS
	4/7/2021	NS	NS
	7/27/2021	NS	NS
	1/31/2022	NS	NS
	6/29/2022	NS	NS
MW-8			
	8/10/2015	**711**	**2,430**
	1/28/2016	**763**	**2,310**
	7/21/2016	**758**	**2,140**
	1/13/2017	**985**	**2,410**
	4/7/2017	**933**	**2,120**
	7/17/2017	**845**	**2,280**
	10/4/2017	**803**	**2,210**
	1/12/2018	**813**	**2,250**
	4/5/2018	**839**	**2,300**
	7/5/2018	**868**	**2,350**
	10/3/2018	**888**	**2,490**
	1/8/2019	**852**	**2,160**
	4/5/2019	**1,060**	**2,460**
	7/15/2019	**884**	**2,390**
	10/16/2019	**919**	**2,400**
	1/21/2020	**967**	**2,540**
	4/14/2020	**750**	**2,370**
	7/14/2020	**1,010**	**2,460**
	10/12/2020	**1,040**	**2,480**
	1/12/2021	**994**	**2,420**
	4/7/2021	NS	NS
	7/27/2021	**1,080**	**2,500**
	1/27/2022	**1,010**	**2,930**
	6/29/2022	NS	NS
MW-9			
	8/10/2015	**1,650**	**3,390**
	1/28/2016	**2,160**	**4,410**
	7/21/2016	**2,140**	**6,790**
	1/13/2017	**3,520**	**4,540**
	4/7/2017	**3,070**	**6,760**
	7/17/2017	**2,830**	**4,930**
	10/4/2017	**2,230**	**4,730**
	1/12/2018	**2,540**	**4,380**

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	4/5/2018	**2,930**	**4,690**
	7/5/2018	**2,880**	**4,250**
	10/3/2018	**2,910**	**4,270**
	1/7/2019	**2,620**	807
	4/5/2019	**1,200**	**4,230**
	7/15/2019	**2,620**	**4,240**
	10/16/2019	**2,520**	**4,610**
	1/21/2020	**2,740**	**4,010**
	4/14/2020	**1,800**	**4,100**
	7/14/2020	**2,700**	**5,070**
	10/12/2020	**2,710**	**4,270**
	1/12/2021	**2,670**	**4,760**
	4/7/2021	NS	NS
	7/27/2021	**2,740**	**4,510**
	1/27/2022	**2,830**	**4,880**
	6/29/2022	NS	NS
MW-10			
	8/10/2015	**3,480**	**7,980**
	1/28/2016	**5,320**	**9,850**
	7/20/2016	**5,920**	**12,400**
	1/12/2017	**6,360**	**10,500**
	4/7/2017	**5,930**	**12,700**
	7/18/2017	**5,320**	**9,720**
	10/5/2017	**5,190**	**8,560**
	1/12/2018	**5,350**	**9,650**
	4/5/2018	**5,470**	**8,630**
	7/3/2018	**5,340**	**11,000**
	10/3/2018	**5,880**	**8,570**
	1/8/2019	**5,130**	**7,050**
	4/5/2019	**5,760**	**8,100**
	7/15/2019	**4,860**	**8,210**
	10/16/2019	**4,980**	**8,520**
	1/23/2020	**5,230**	**8,580**
	4/14/2020	**3,260**	**8,730**
	7/15/2020	**5,130**	**9,450**
	10/12/2020	**5,270**	**8,250**
	1/11/2021	**3,880**	**8,180**
	4/7/2021	NS	NS
	7/27/2021	**4,980**	**8,180**
	1/28/2022	**5,320**	**8,460**
DUP	1/28/2022	**5,310**	**8,560**
	6/29/2022	NS	NS
MW-11			
	8/10/2015	**458**	**3,260**
	1/28/2016	**5,280**	**5,720**
	7/21/2016	**6,830**	**16,100**
	1/11/2017	**7,310**	**18,800**
	4/10/2017	**7,760**	**17,100**
	7/18/2017	**7,620**	**12,700**
	10/5/2017	**7,110**	**12,600**
	1/12/2018	**8,120**	**12,700**
	4/5/2018	**7,990**	**11,000**
	7/3/2018	**7,940**	**11,800**
	10/4/2018	**8,310**	**12,000**
	1/8/2019	**8,240**	**9,730**
	4/9/2019	**7,840**	**11,700**
	7/15/2019	**7,680**	**11,800**
	10/17/2019	**7,590**	**12,400**
	1/23/2020	**7,760**	**12,300**
	4/14/2020	**7,620**	**13,400**
	7/15/2020	**6,240**	**12,000**
	10/12/2020	68	**11,800**
	1/11/2021	**7,290**	**11,900**
	4/7/2021	NS	NS
	7/27/2021	**7,540**	**13,100**
	1/31/2022	**6,240**	**12,600**
	6/29/2022	NS	NS
MW-12			
	8/10/2015	**7,680**	**20,500**
	1/28/2016	**12,800**	**24,400**
	7/20/2016	**12,000**	**27,500**

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	1/11/2017	**16,400**	**24,100**
	4/7/2017	**13,900**	**28,900**
	7/18/2017	**13,600**	**23,000**
	10/5/2017	**14,000**	**23,000**
	1/12/2018	**13,100**	**21,400**
	4/5/2018	**13,300**	**19,400**
	7/3/2018	**13,200**	**20,200**
	10/4/2018	**15,000**	**24,400**
	1/8/2019	**13,900**	**14,000**
	4/10/2019	**14,100**	**21,700**
	7/15/2019	**11,000**	**22,600**
	10/16/2019	**12,600**	**23,400**
	1/23/2020	**12,700**	**20,600**
	4/14/2020	**13,600**	**23,400**
	7/15/2020	**12,700**	**22,700**
	10/12/2020	**13,600**	**24,700**
	1/11/2021	**13,300**	**22,300**
	4/7/2021	NS	NS
	7/27/2021	**13,600**	**23,600**
	1/28/2022	**12,200**	**22,500**
	6/29/2022	NS	NS
MW-13			
	8/10/2015	**1,740**	**4,100**
	1/28/2016	**1,850**	**4,110**
	7/21/2016	**1,650**	**5,300**
	1/11/2017	**1,270**	**1,660**
	4/10/2017	**1,890**	**4,760**
	7/19/2017	**1,730**	**4,010**
	10/5/2017	**1,910**	**5,260**
	1/12/2018	**1,750**	**3,920**
	4/6/2018	**1,750**	**3,920**
	7/3/2018	**2,280**	**4,560**
	10/4/2018	**2,200**	**3,900**
	1/8/2019	**1,880**	**3,810**
	4/10/2019	**2,020**	**4,160**
	7/16/2019	**1,400**	**4,440**
	10/17/2019	**1,960**	**3,720**
	1/22/2020	**1,810**	**5,110**
	4/13/2020	**1,580**	**4,420**
	7/15/2020	**1,750**	**4,350**
	10/12/2020	**1,820**	**4,140**
	1/11/2021	**1,270**	**4,180**
DUP	1/11/2021	**1,600**	**4,260**
	4/7/2021	NS	NS
	7/28/2021	**2,030**	**4,280**
	1/31/2022	**2,070**	**4,190**
	6/29/2022	NS	NS
MW-14			
	8/11/2015	**989**	**3,040**
	1/27/2016	**1,420**	**2,560**
	7/21/2016	**1,480**	**3,800**
	1/11/2017	**1,470**	**2,890**
	4/10/2017	**1,530**	**4,400**
	7/19/2017	**1,500**	**3,330**
	10/5/2017	**1,510**	**3,460**
	1/12/2018	**1,590**	**2,910**
	4/6/2018	**1,720**	**1,270**
	7/3/2018	**1,540**	**2,660**
	10/4/2018	**1,690**	**2,620**
	1/8/2019	**1,630**	**2,890**
	4/9/2019	**1,610**	**2,940**
	7/16/2019	**1,110**	**3,120**
	10/17/2019	**1,670**	**2,940**
	1/22/2020	**1,880**	**3,290**
	4/13/2020	**1,130**	**3,130**
	7/15/2020	**1,760**	**3,640**
	10/12/2020	**1,810**	**3,270**
	1/11/2021	**1,260**	**3,210**
	4/7/2021	NS	NS
	7/28/2021	**1,780**	**3,180**
	1/31/2022	**1,740**	**3,110**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	6/29/2022	NS	NS
MW-15			
	8/11/2015	**600**	**1,730**
	1/28/2016	**617**	**1,180**
	7/21/2016	**554**	**1,370**
	1/11/2017	**710**	**1,640**
	4/10/2017	**785**	**2,030**
	7/19/2017	**652**	**1,220**
	10/5/2017	**831**	**1,690**
	1/12/2018	**873**	**1,770**
	4/6/2018	**877**	**1,900**
	7/3/2018	**914**	**1,650**
	10/4/2018	**1,030**	**1,740**
	1/8/2019	**995**	**2,290**
	4/10/2019	**1,110**	**1,740**
	7/16/2019	**1,300**	**1,800**
	10/17/2019	**1,010**	**1,850**
	1/22/2020	**1,290**	**2,180**
	4/13/2020	**1,010**	**1,960**
	7/15/2020	**1,110**	**2,330**
	10/12/2020	**1,110**	**2,010**
	1/11/2021	**902**	**1,880**
	4/7/2021	NS	NS
	7/28/2021	**1,150**	**1,870**
	1/31/2022	**998**	**1,890**
	6/29/2022	NS	NS
MW-16			
	8/11/2015	**435**	**1,410**
	1/28/2016	**323**	**1,020**
	7/21/2016	195	776
	1/11/2017	**472**	**1,180**
	4/10/2017	**396**	**1,400**
	7/19/2017	**444**	**1,100**
	10/5/2017	**426**	**1,210**
	1/12/2018	**364**	**1,100**
	4/6/2018	**432**	**1,310**
	7/3/2018	**430**	**1,160**
	10/4/2018	**474**	**1,210**
	1/8/2019	**468**	**1,260**
	4/10/2019	**508**	**1,240**
	7/16/2019	**301**	**1,060**
	10/17/2019	**393**	**1,110**
	1/22/2020	**525**	**1,270**
	4/13/2020	**310**	**1,030**
	7/15/2020	**505**	**1,390**
	10/12/2020	**411**	**1,060**
	1/11/2021	**403**	**1,050**
	4/7/2021	NS	NS
	7/28/2021	**534**	**1,270**
DUP	7/28/2021	**564**	**1,270**
	1/31/2022	**582**	**1,550**
	6/29/2022	NS	NS
MW-17			
	8/12/2015	**5,800**	**13,400**
	1/28/2016	**4,400**	823
	7/21/2016	**3,370**	**7,900**
	1/11/2017	**9,760**	**16,200**
	4/10/2017	**9,620**	**20,400**
	7/19/2017	**8,160**	**14,400**
	10/6/2017	**11,400**	**18,800**
	1/12/2018	**10,100**	**15,300**
	4/6/2018	**9,590**	**14,800**
	7/3/2018	**8,570**	**15,000**
	10/4/2018	**11,300**	**17,700**
	1/8/2019	**10,100**	**11,100**
	4/10/2019	**9,440**	**14,500**
	7/16/2019	**7,880**	**13,100**
	10/17/2019	**9,620**	**15,300**
	1/22/2020	**9,410**	**15,100**
	4/13/2020	**7,870**	**13,800**
	7/15/2020	**7,450**	**15,000**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	10/12/2020	**8,280**	**13,500**
	1/11/2021	**7,680**	**4,200**
	4/7/2021	NS	NS
	7/28/2021	**8,050**	**13,900**
	1/31/2022	**5,920**	**13,000**
	6/29/2022	NS	NS
MW-18			
	8/12/2015	**13,400**	**26,600**
	1/28/2016	**13,900**	**25,300**
	7/20/2016	**8,000**	**18,900**
	1/12/2017	**14,200**	**33,700**
	4/7/2017	**19,100**	**37,800**
	7/18/2017	**13,900**	**23,500**
	10/6/2017	**19,000**	**52,900**
	1/12/2018	**18,800**	**30,300**
	4/5/2018	**20,000**	**30,400**
	7/3/2018	**22,000**	**38,500**
	10/4/2018	**21,100**	**31,600**
	1/8/2019	**17,000**	**19,000**
	4/9/2019	**24,600**	**33,300**
	7/15/2019	**21,000**	**33,100**
	10/16/2019	**19,900**	**37,300**
	1/23/2020	**21,400**	**34,800**
	4/14/2020	**18,500**	**34,000**
	7/15/2020	**21,400**	**36,000**
	10/12/2020	**21,600**	**34,100**
	1/11/2021	**21,000**	**35,800**
	4/7/2021	NS	NS
	7/27/2021	**25,100**	**34,300**
DUP	7/27/2021	**22,600**	**34,400**
	1/28/2022	**22,600**	**36,200**
	6/29/2022	**9,910**	**36,100**
MW-19			
	8/12/2015	**4,780**	**11,300**
	1/28/2016	**5,130**	**10,100**
	7/20/2016	**5,160**	**10,200**
	1/12/2017	**6,370**	**9,560**
	4/7/2017	**6,000**	**13,600**
	7/18/2017	**5,310**	**9,840**
	10/6/2017	**5,290**	**9,620**
	1/12/2018	**6,160**	**10,300**
	4/5/2018	**6,600**	**9,880**
	7/5/2018	**6,580**	**11,500**
	10/4/2018	**6,980**	**11,600**
	1/8/2019	**6,570**	**9,300**
	4/9/2019	**7,000**	**10,500**
	7/15/2019	**6,860**	**11,000**
	10/16/2019	**7,160**	**12,800**
	1/23/2020	**7,540**	**13,200**
	4/14/2020	**7,170**	**13,300**
	7/15/2020	**7,880**	**13,700**
	10/12/2020	**7,990**	**16,800**
	1/11/2021	**7,350**	**12,500**
	4/7/2021	NS	NS
	7/27/2021	**8,030**	**14,300**
	1/28/2022	**8,620**	**13,800**
	6/29/2022	**11,300**	**15,800**
MW-20			
	8/12/2015	**995**	**2,760**
	1/28/2016	**1,200**	**2,390**
	7/20/2016	**1,060**	**2,920**
	1/12/2017	**1,500**	**1,970**
	4/7/2017	**1,200**	**3,300**
	7/18/2017	**1,110**	**2,540**
	10/6/2017	**1,100**	**2,220**
	1/12/2018	**1,130**	**2,410**
	4/5/2018	**1,100**	**2,130**
	7/5/2018	**1,150**	**2,160**
	10/3/2018	**1,340**	**2,490**
	1/8/2019	**1,070**	**2,180**
	4/5/2019	**1,430**	**2,410**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		300	1,000
	7/15/2019	**1,270**	**2,330**
	10/16/2019	**1,260**	**2,500**
	1/21/2020	**1,330**	**2,440**
	4/14/2020	**1,140**	**2,970**
	7/13/2020	**1,320**	**2,450**
	10/12/2020	**1,350**	**2,470**
	1/11/2021	**1,130**	**2,460**
	4/7/2021	NS	NS
	7/27/2021	**1,310**	**3,250**
	1/28/2022	**1,170**	**2,670**
	6/29/2022	NS	NS
MW-21			
	7/21/2016	**7,920**	**19,400**
	1/11/2017	**7,360**	**11,800**
	4/10/2017	**6,600**	**17,900**
	7/19/2017	**5,480**	**12,200**
	10/6/2017	**7,210**	**13,500**
	1/12/2018	**6,800**	**10,900**
	4/6/2018	**7,630**	**11,000**
	7/3/2018	**6,860**	**11,100**
	10/4/2018	**7,400**	**11,400**
	1/8/2019	**7,530**	**9,420**
	4/10/2019	**6,970**	**11,000**
	7/16/2019	**6,720**	**11,000**
	10/17/2019	**7,010**	**11,000**
	1/22/2020	**6,900**	**10,300**
	4/13/2020	**6,610**	**10,200**
	7/15/2020	**5,850**	**10,700**
	10/12/2020	**6,840**	**10,900**
	1/11/2021	**3,050**	**10,100**
	4/7/2021	NS	NS
	7/28/2021	**6,550**	**11,200**
	1/31/2022	**6,910**	**11,700**
	6/29/2022	NS	NS
MW-22			
	3/3/2017	**12,100**	**19,000**
	4/10/2017	**14,000**	**33,000**
	7/19/2017	**8,720**	**17,400**
	10/6/2017	**11,400**	**20,200**
	1/12/2018	**10,400**	**16,200**
	4/6/2018	**10,500**	**17,200**
	7/3/2018	**10,300**	**16,300**
	10/4/2018	**14,200**	**18,700**
	1/8/2019	**12,000**	**10,900**
	4/10/2019	**10,900**	**16,200**
	7/16/2019	**11,300**	**18,000**
	10/17/2019	**12,400**	**20,600**
	1/22/2020	**11,700**	**16,800**
	4/13/2020	**11,700**	**19,800**
	7/15/2020	**10,100**	**21,900**
	10/12/2020	**13,000**	**19,900**
	1/11/2021	**11,000**	**17,600**
	4/7/2021	NS	NS
	7/27/2021	**13,800**	**21,200**
	1/31/2022	**11,600**	**20,700**
	6/29/2022	NS	NS
MW-23			
	7/21/2016	**1,430**	**3,050**
	1/11/2017	**2,120**	**4,130**
	4/10/2017	**3,010**	**8,750**
	7/19/2017	**1,680**	**3,550**
	10/6/2017	**4,520**	**7,370**
	1/12/2018	**5,230**	**9,340**
	4/6/2018	**6,830**	**10,100**
	7/3/2018	**4,390**	**6,870**
	10/4/2018	**6,090**	**8,980**
	1/8/2019	**7,910**	**9,780**
	4/10/2019	**6,540**	**10,200**
	7/16/2019	**3,420**	**9,780**
	10/17/2019	**3,840**	**10,200**
	1/22/2020	**7,140**	**10,400**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		300	1,000
	4/13/2020	**3,540**	**7,780**
	7/15/2020	**6,060**	**12,600**
	10/12/2020	**5,450**	**8,810**
	1/11/2021	**4,160**	**8,970**
	4/7/2021	NS	NS
	7/27/2021	**7,810**	**13,200**
	1/31/2022	**7,510**	**12,500**
	6/29/2022	NS	NS
MW-24			
	7/20/2016	**3,720**	**8,910**
	1/12/2017	**4,740**	**8,690**
	4/7/2017	**4,520**	**11,200**
	7/18/2017	**3,880**	**8,600**
	10/6/2017	**3,930**	**8,500**
	1/12/2018	**4,060**	**8,170**
	4/5/2018	**3,980**	**7,080**
	7/3/2018	**4,140**	**8,210**
	10/4/2018	**4,850**	**8,870**
	1/8/2019	**3,320**	**1,020**
	4/9/2019	**4,370**	**8,250**
	7/15/2019	**4,180**	**8,860**
	10/16/2019	**4,150**	**8,980**
	1/23/2020	**4,470**	**8,980**
	4/14/2020	**2,770**	**9,190**
	7/15/2020	**4,430**	**9,130**
	10/12/2020	**4,330**	**9,440**
	1/11/2021	**1,680**	**8,690**
	4/7/2021	NS	NS
	7/27/2021	**4,340**	**8,770**
	1/28/2022	**4,760**	**11,800**
	6/29/2022	NS	NS
MW-25			
	7/21/2016	**560**	**1,510**
	1/11/2017	**24,400**	**29,700**
	4/10/2017	**23,100**	**49,600**
	7/18/2017	**18,800**	**32,800**
	10/6/2017	**18,300**	**33,200**
	1/12/2018	**20,900**	**31,400**
	4/5/2018	**22,400**	**32,800**
	7/3/2018	**23,600**	**37,600**
	10/4/2018	**26,500**	**39,000**
	1/8/2019	**23,500**	**29,800**
	4/9/2019	**24,100**	**33,100**
	7/15/2019	**23,200**	**33,200**
	10/17/2019	**20,900**	**24,800**
	1/23/2020	**25,200**	**36,400**
	4/14/2020	**24,200**	**38,500**
	7/15/2020	**26,100**	**37,300**
	10/12/2020	**24,100**	**36,900**
	1/11/2021	**23,900**	**36,600**
	4/7/2021	NS	NS
	7/27/2021	**23,200**	**37,300**
	1/31/2022	**23,500**	**39,500**
DUP	1/31/2022	**24,000**	**39,300**
	6/29/2022	**23,900**	**38,500**
MW-26			
	1/12/2017	**1,220**	**2,840**
	4/7/2017	**1,190**	**3,160**
	7/18/2017	**1,140**	**3,060**
	10/6/2017	**1,120**	**2,570**
	1/12/2018	**1,160**	**2,860**
	4/5/2018	**1,230**	**2,730**
	7/5/2018	**1,210**	**2,810**
	10/4/2018	**1,340**	**2,750**
	1/8/2019	**1,190**	**2,740**
	4/9/2019	**1,340**	**2,830**
	7/15/2019	**1,360**	**2,960**
	10/16/2019	**1,340**	**3,250**
	1/23/2020	**1,460**	**3,220**
	4/14/2020	**1,230**	**3,260**
	7/15/2020	**1,480**	**3,520**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	10/12/2020	**1,500**	**3,320**
	1/11/2021	**1,400**	**3,370**
	4/7/2021	NS	NS
	7/27/2021	**1,490**	**3,180**
	1/28/2022	**1,510**	**4,540**
	6/29/2022	NS	NS
MW-27			
	7/20/2016	**1,340**	**3,080**
	1/11/2017	**2,400**	**4,160**
	4/7/2017	**2,380**	**4,520**
	7/18/2017	**2,110**	**4,150**
	10/6/2017	**2,280**	**4,610**
	1/12/2018	**2,260**	**4,220**
	4/5/2018	**2,400**	**4,250**
	7/3/2018	**2,510**	**4,790**
	10/3/2018	**3,030**	**4,700**
	1/8/2019	**2,420**	**4,110**
	4/5/2019	**2,830**	**4,490**
	7/15/2019	**2,540**	**4,440**
	10/16/2019	**2,490**	**4,160**
	1/21/2020	**2,420**	**4,230**
	4/14/2020	**1,770**	**4,170**
	7/15/2020	**2,950**	**5,120**
	10/12/2020	**2,490**	**4,200**
	1/11/2021	**2,210**	**4,160**
	4/7/2021	NS	NS
	7/27/2021	**2,330**	**4,060**
	1/28/2022	**2,360**	**4,260**
	6/29/2022	NS	NS
MW-28			
	1/10/2017	**917**	**2,520**
	4/7/2017	**1,090**	**2,650**
	7/17/2017	**1,190**	**2,730**
	10/6/2017	**1,240**	**3,270**
	1/12/2018	**1,470**	**1,280**
	4/5/2018	**1,540**	**2,660**
	7/6/2018	**1,610**	**2,540**
	10/3/2018	**1,760**	**3,020**
	1/7/2019	**1,510**	**3,050**
	4/5/2019	**851**	**3,260**
	7/15/2019	**2,180**	**3,490**
	10/16/2019	**2,410**	**3,780**
	1/23/2020	**2,450**	**4,100**
	4/10/2020	**2,400**	**4,080**
	7/14/2020	**3,370**	**6,510**
	10/8/2020	**3,780**	**8,160**
	1/8/2021	**3,940**	**6,840**
	4/7/2021	NS	NS
	7/26/2021	**2,710**	**6,890**
	1/27/2022	**4,190**	**7,390**
	6/29/2022	NS	NS
MW-29			
	1/10/2017	**354**	946
	4/7/2017	**386**	**1,160**
	7/17/2017	**393**	**1,060**
	10/6/2017	**374**	**1,100**
	1/12/2018	**397**	601
	4/5/2018	**396**	**1,100**
	7/6/2018	**397**	860
	10/3/2018	**409**	**1,070**
	1/7/2019	**359**	**7,270**
	4/5/2019	**508**	**1,100**
	7/15/2019	**500**	**1,140**
	10/16/2019	**501**	**1,200**
	1/23/2020	**535**	**1,250**
	4/10/2020	**552**	**1,270**
	7/14/2020	**563**	**1,460**
	10/8/2020	**637**	**1,460**
	1/8/2021	**550**	**1,280**
	4/7/2021	NS	NS
	7/26/2021	**605**	**1,290**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	1/27/2022	**572**	**1,290**
DUP	1/27/2022	**576**	**1,350**
	6/29/2022	**619**	**1,400**
MW-30			
	7/19/2017	**2,360**	**4,540**
	10/6/2017	**2,420**	**5,270**
	1/12/2018	**2,350**	**4,160**
	4/6/2018	**2,240**	**1,310**
	7/3/2018	**2,280**	**3,650**
	10/4/2018	**2,550**	**3,820**
	1/8/2019	**2,460**	**3,860**
	4/10/2019	**2,400**	**4,160**
	7/16/2019	**1,500**	**4,200**
	10/17/2019	**2,340**	**3,880**
	1/22/2020	**2,520**	**4,290**
	4/14/2020	**1,300**	**3,960**
	7/15/2020	**2,290**	**4,530**
	10/12/2020	**2,240**	**4,090**
	1/11/2021	**2,100**	**4,050**
	4/7/2021	NS	NS
	7/28/2021	**2,160**	**3,970**
	1/31/2022	**2,220**	**4,070**
	6/29/2022	NS	NS
MW-31			
	7/18/2017	**7,980**	**13,600**
	10/6/2017	**8,540**	**16,600**
	1/12/2018	**10,700**	**16,400**
	4/5/2018	**11,700**	**17,700**
	7/3/2018	**12,100**	**19,800**
	10/4/2018	**12,800**	**19,500**
	1/8/2019	**11,100**	**10,300**
	4/5/2019	**11,800**	**16,200**
	7/15/2019	**10,900**	**16,600**
	10/16/2019	**10,500**	**17,900**
	1/23/2020	**11,700**	**17,100**
	4/14/2020	**9,960**	**17,900**
	7/15/2020	**8,890**	**17,800**
	10/12/2020	**10,200**	**16,700**
	1/11/2021	**9,500**	**17,100**
	4/7/2021	NS	NS
	7/27/2021	**7,790**	**17,900**
	1/28/2022	**10,200**	**16,400**
	6/29/2022	**12,300**	**18,800**
MW-32			
	4/10/2019	**373**	**1,170**
	7/15/2019	**314**	**1,090**
	10/15/2019	271	**1,110**
	1/23/2020	**327**	**1,080**
	4/10/2020	**342**	**1,130**
	7/15/2020	**321**	**1,140**
	10/8/2020	**349**	**1,110**
	1/8/2021	**349**	**1,170**
DUP	1/8/2021	**303**	**1,170**
	4/7/2021	**341**	**1,120**
DUP	4/7/2021	**323**	**1,170**
	7/26/2021	**373**	**1,160**
DUP	7/26/2021	**370**	**1,140**
	1/27/2022	**389**	**1,200**
	6/29/2022	NS	NS
MW-33			
	4/10/2019	183	912
	7/15/2019	153	988
	10/15/2019	156	**1,040**
	1/23/2020	185	**1,010**
	4/10/2020	190	**1,100**
	7/14/2020	196	**1,060**
	10/8/2020	201	**1,090**
	1/8/2021	190	**1,060**
	4/7/2021	185	**1,040**
	7/26/2021	213	**1,050**
	1/27/2022	216	**1,220**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	6/29/2022	NS	NS
MW-34			
	4/10/2019	70	600
	7/15/2019	64	621
	10/15/2019	67	604
	1/23/2020	73	606
	4/10/2020	70	618
	7/14/2020	71	613
	10/8/2020	73	608
	1/8/2021	71	610
	4/7/2021	66	619
	7/26/2021	73	613
	1/27/2022	71	661
	6/29/2022	71	625
NM-MW-1			
	12/3/2015	266	**1,540**
	1/28/2016	283	**1,470**
	7/22/2016	294	**1,420**
	1/12/2017	**383**	**1,570**
	4/7/2017	291	**1,510**
	7/13/2017	287	**1,520**
	10/6/2017	271	**1,500**
	1/12/2018	271	933
	4/5/2018	263	**1,400**
	7/6/2018	275	**1,350**
	10/3/2018	279	**1,460**
	1/7/2019	256	**1,370**
	4/4/2019	**330**	**1,400**
	7/11/2019	291	**1,380**
	10/15/2019	281	**1,450**
	1/20/2020	286	**1,390**
	4/9/2020	277	**1,440**
	7/14/2020	293	**1,450**
	10/7/2020	288	**1,450**
	1/7/2021	273	**1,410**
	4/7/2021	NS	NS
	7/23/2021	292	**1,370**
	1/25/2022	279	**1,520**
	6/28/2022	259	**1,480**
NM-MW-2			
	12/3/2015	**640**	**2,620**
	1/28/2016	**658**	**1,920**
	7/22/2016	**638**	858
	1/12/2017	**790**	**1,770**
	4/7/2017	**656**	**1,590**
	7/13/2017	**653**	**1,340**
	10/6/2017	**650**	**1,410**
	1/12/2018	**639**	990
	4/5/2018	**610**	**1,210**
	7/6/2018	**679**	**1,160**
	10/3/2018	**674**	**1,270**
	1/7/2019	**616**	**1,210**
	4/4/2019	**736**	**1,230**
	7/11/2019	**397**	**1,330**
	10/15/2019	**666**	**1,240**
	1/20/2020	**643**	**1,240**
	4/9/2020	**734**	**1,270**
	7/14/2020	**696**	**1,530**
	10/7/2020	**706**	**1,370**
	1/7/2021	**659**	**1,230**
	4/7/2021	NS	NS
	7/23/2021	**770**	**1,340**
	1/25/2022	**799**	**1,450**
	6/29/2022	NS	NS
NM-MW-3			
	12/3/2015	**648**	**3,900**
	1/28/2016	**327**	**1,870**
	7/22/2016	121	524
	1/12/2017	224	581
	4/7/2017	161	564
	7/13/2017	186	592

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	10/6/2017	276	626
	1/12/2018	221	501
	4/5/2018	180	601
	7/6/2018	220	625
	10/3/2018	246	708
	1/7/2019	**447**	**1,250**
	4/4/2019	259	653
	7/11/2019	184	581
	10/15/2019	183	596
	1/20/2020	241	649
	4/9/2020	255	721
	7/14/2020	261	811
	10/7/2020	253	731
	1/7/2021	264	680
	4/7/2021	NS	NS
	7/23/2021	**345**	781
	1/25/2022	**365**	792
	6/29/2022	NS	NS
NM-MW-4			
	12/3/2015	**739**	**2,960**
	1/28/2016	23	821
	7/22/2016	41	444
	1/12/2017	49	379
	4/7/2017	35	410
	7/13/2017	36	422
	10/6/2017	42	468
	1/12/2018	39	217
	4/5/2018	34	410
	7/6/2018	41	414
	10/3/2018	40	411
	1/7/2019	258	**1,240**
	4/4/2019	188	420
	7/11/2019	41	423
	10/15/2019	46	430
	1/20/2020	44	388
	4/9/2020	46	513
	7/14/2020	47	419
	10/7/2020	48	431
	1/7/2021	44	435
	4/7/2021	NS	NS
	7/23/2021	48	417
	1/25/2022	44	432
	6/29/2022	NS	NS
NM-MW-5			
	12/3/2015	NS	NS
	1/28/2016	144	**1,250**
	7/22/2016	129	**1,270**
	1/12/2017	182	**1,320**
	4/7/2017	145	**1,260**
	7/13/2017	147	**1,340**
	10/6/2017	144	**1,090**
	1/12/2018	133	893
	4/5/2018	134	**1,300**
	7/6/2018	140	**1,240**
	10/3/2018	138	**1,290**
	1/7/2019	142	**1,280**
	4/4/2019	175	**1,240**
	7/11/2019	149	**1,290**
	10/15/2019	170	**1,320**
	1/20/2020	152	**1,240**
	4/9/2020	158	**1,310**
	7/14/2020	162	**1,250**
	10/7/2020	155	**1,330**
	1/7/2021	146	**1,260**
	4/7/2021	NS	NS
	7/23/2021	156	**1,280**
	1/25/2022	144	**1,230**
	6/28/2022	143	**1,320**
NM-MW-6			
	12/2/2015	188	**1,240**
	1/28/2016	183	**1,060**

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	7/22/2016	121	817
	1/12/2017	168	825
	4/7/2017	143	852
	7/13/2017	138	818
	10/6/2017	132	742
	1/12/2018	137	468
	4/5/2018	127	836
	7/6/2018	134	801
	10/3/2018	138	833
	1/7/2019	113	813
	4/4/2019	161	813
	7/12/2019	143	863
	10/15/2019	139	827
	1/20/2020	145	750
	4/9/2020	145	834
	7/14/2020	152	828
	10/7/2020	147	826
	1/7/2021	142	811
	4/7/2021	NS	NS
	7/23/2021	151	821
	1/25/2022	154	847
	6/28/2022	159	843
NM-MW-7			
	12/3/2015	**696**	**3,200**
	1/28/2016	**1,840**	**3,150**
	7/22/2016	**1,890**	**5,320**
	1/12/2017	**2,390**	**3,770**
	4/7/2017	**2,180**	**4,770**
	7/13/2017	**2,120**	**4,100**
	10/6/2017	**2,070**	**4,200**
	1/12/2018	**2,110**	**2,370**
	4/5/2018	**2,090**	**4,270**
	7/6/2018	**2,330**	**3,780**
	10/3/2018	**2,380**	**4,050**
	1/7/2019	**2,040**	**5,190**
	4/4/2019	**1,940**	**4,160**
	7/11/2019	**2,600**	**4,390**
	10/15/2019	**2,370**	**4,240**
	1/20/2020	**2,450**	**4,410**
	4/9/2020	**2,460**	**4,620**
	7/14/2020	**2,360**	**5,250**
	10/7/2020	**2,270**	**4,860**
	1/7/2021	**2,170**	**4,550**
	4/7/2021	NS	NS
	7/23/2021	**2,220**	**4,360**
	1/25/2022	**2,340**	**4,680**
	6/29/2022	NS	NS
NM-MW-8			
	3/3/2017	**4,870**	**9,740**
	4/7/2017	**4,870**	**12,800**
	7/13/2017	**5,010**	**9,040**
	10/4/2017	**5,000**	**10,900**
	1/12/2018	**5,260**	**5,240**
	4/5/2018	**5,110**	**9,160**
	7/6/2018	**5,960**	**9,620**
	10/3/2018	**6,260**	**11,000**
	1/7/2019	**4,630**	**8,040**
	4/4/2019	**6,690**	**10,100**
	7/11/2019	**6,200**	**9,310**
	10/15/2019	**7,120**	**10,700**
	1/20/2020	**6,220**	**10,400**
	4/9/2020	**6,680**	**11,700**
	7/14/2020	**6,540**	**12,400**
	10/7/2020	**6,370**	**11,100**
	1/7/2021	**6,110**	**11,200**
	4/7/2021	NS	NS
	7/23/2021	**3,290**	**11,400**
	1/25/2022	**7,490**	**11,500**
	6/29/2022	NS	NS
NM-MW-9			
	1/13/2017	NS	NS

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	4/10/2017	NS	NS
	7/17/2017	224	776
	10/4/2017	263	813
	1/12/2018	221	717
	4/5/2018	234	804
	7/6/2018	252	785
	10/3/2018	258	799
	1/7/2019	**2,620**	**4,160**
	4/5/2019	297	786
	7/12/2019	264	797
	10/15/2019	243	812
	1/22/2020	**555**	**1,090**
	4/10/2020	263	833
	7/13/2020	271	852
	10/8/2020	256	811
	1/8/2021	242	789
	4/7/2021	NS	NS
	7/26/2021	258	808
	1/25/2022	256	786
DUP	1/25/2022	253	787
	6/29/2022	249	834
DUP	6/29/2022	242	832
NM-MW-10			
	1/10/2017	**314**	**1,550**
	4/7/2017	**355**	**1,570**
	7/17/2017	**308**	**1,600**
	10/4/2017	**302**	**1,550**
	1/12/2018	**314**	**1,050**
	4/5/2018	**301**	**1,620**
	7/6/2018	**308**	**1,450**
	10/3/2018	**315**	**1,520**
	1/7/2019	290	**1,530**
	4/4/2019	**396**	**1,670**
	7/12/2019	**354**	**1,680**
	10/15/2019	**340**	**1,670**
	1/20/2020	**357**	**1,620**
	4/10/2020	**367**	**1,720**
	7/13/2020	**366**	**1,650**
	10/8/2020	**366**	**1,720**
	1/8/2021	**336**	**1,700**
	4/7/2021	NS	NS
	7/23/2021	**363**	**1,730**
	1/25/2022	**335**	**1,630**
	6/28/2022	**326**	**1,630**
NM-MW-11			
	1/10/2017	190	**2,100**
	4/7/2017	158	**1,980**
	7/17/2017	135	**2,020**
	10/4/2017	154	**1,940**
	1/12/2018	155	**1,710**
	4/5/2018	**699**	**1,920**
	7/6/2018	143	**1,820**
	10/3/2018	152	**1,920**
	1/7/2019	154	**1,840**
	4/4/2019	185	**1,870**
	7/12/2019	157	**1,980**
	10/15/2019	134	**1,530**
	1/20/2020	161	**1,870**
	4/9/2020	160	**1,990**
	7/10/2020	178	**2,120**
	10/8/2020	181	**1,960**
	1/8/2021	152	**2,030**
	4/7/2021	NS	NS
	7/26/2021	174	**1,990**
DUP	7/26/2021	175	**1,950**
	1/25/2022	159	**2,010**
	6/29/2022	NS	NS
NM-MW-12			
	3/3/2017	**760**	**1,460**
	4/7/2017	**725**	**2,230**
	7/17/2017	**726**	**1,540**

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Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	10/4/2017	**643**	**1,590**
	1/12/2018	**663**	**1,470**
	4/5/2018	**656**	**1,430**
	7/6/2018	**665**	**1,250**
	10/3/2018	**668**	**1,390**
	1/7/2019	**596**	**1,300**
	4/4/2019	**739**	**1,310**
	7/12/2019	**657**	524
	10/15/2019	**512**	**1,380**
	1/20/2020	NS	NS
	4/10/2020	**591**	**1,290**
	7/10/2020	**589**	**1,270**
	10/8/2020	**580**	**1,280**
	1/8/2021	**430**	**1,160**
	4/7/2021	NS	NS
	7/26/2021	**485**	**1,090**
	1/27/2022	**417**	**1,190**
	6/29/2022	NS	NS
NM-MW-13			
	3/3/2017	183	**1,020**
	4/7/2017	192	**1,110**
	7/17/2017	185	**1,100**
	10/4/2017	183	**1,100**
	1/12/2018	188	965
	4/5/2018	180	**1,090**
	7/6/2018	184	**1,050**
	10/3/2018	185	**1,110**
	1/7/2019	165	**1,070**
	4/4/2019	225	**1,090**
	7/12/2019	199	**1,090**
	10/15/2019	179	**1,100**
	1/20/2020	203	**1,060**
	4/9/2020	201	**1,090**
	7/10/2020	212	**1,130**
	10/8/2020	211	**1,100**
	1/8/2021	185	**1,110**
DUP	1/8/2021	186	**1,130**
	4/7/2021	NS	NS
	7/26/2021	203	**1,100**
	1/25/2022	197	**1,210**
DUP	1/25/2022	198	**1,130**
	6/29/2022	NS	NS
NM-MW-14			
	2/18/2020	24	457
	4/10/2020	26	482
	7/13/2020	25	488
	10/8/2020	26	465
	1/8/2021	95	455
	4/7/2021	26	466
	7/26/2021	28	500
	1/25/2022	23	474
	6/29/2022	NS	NS
NM-MW-15			
	2/18/2020	56	499
	4/9/2020	56	530
	7/10/2020	57	509
	10/8/2020	60	521
	1/8/2021	56	507
	4/7/2021	58	519
	7/26/2021	57	516
	1/25/2022	51	517
	6/28/2022	55	509
NM-MW-16			
	2/18/2020	NS	NS
	4/9/2020	NS	NS
	7/10/2020	NS	NS
	10/8/2020	NS	NS
	1/8/2021	NS	NS
	4/7/2021	NS	NS
	7/26/2021	NS	NS
	1/27/2022	NS	NS

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Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	6/29/2022	NS	NS
NM-MW-17			
	2/18/2020	160	989
	4/9/2020	198	**1,070**
	7/10/2020	211	978
	10/8/2020	216	976
	1/8/2021	182	971
	4/7/2021	207	**1,010**
	7/26/2021	212	**1,010**
	1/27/2022	212	**1,140**
	6/28/2022	211	**1,010**
NM-MW-20			
	2/18/2020	22	372
	4/9/2020	21	408
	7/10/2020	22	377
	10/8/2020	23	402
	1/8/2021	24	381
	4/7/2021	23	377
	7/26/2021	22	409
	1/27/2022	21	402
	6/28/2022	21	395
NM-MW-21			
	2/18/2020	32	533
	4/9/2020	28	560
	7/10/2020	29	524
	10/8/2020	30	523
	1/8/2021	29	541
	4/7/2021	28	529
	7/26/2021	28	558
	1/27/2022	27	536
	6/29/2022	NS	NS
Non-Remedial Wells			
DHU-FWS			
	01/06	**564**	**3,082**
	03/06	**581**	**3,181**
	6/14/2006	**553**	**3,020**
	9/12/2006	**584**	**2,650**
	12/6/2006	**636**	**3,070**
	7/30/2007	**646**	**3,010**
	1/21/2008	**637**	**3,140**
	7/7/2008	**546**	**3,050**
	1/26/2009	**610**	**3,040**
	8/21/2009	**580**	**3,000**
	2/17/2010	NS	**3,000**
	2/18/2010	**401**	NS
	8/16/2010	**771**	**3,060**
	2/10/2011	**577**	**2,840**
	8/2/2011	**612**	**2,960**
	1/31/2012	**866**	**2,910**
	7/19/2016	**629**	**2,810**
	1/11/2017	**670**	**3,060**
	4/10/2017	NS	NS
	7/14/2017	**587**	**3,020**
	10/9/2017	**565**	**2,990**
	1/12/2018	**615**	**2,820**
	4/5/2018	**572**	**2,640**
	7/5/2018	**593**	**2,710**
	10/3/2018	**593**	**2,830**
	1/7/2019	**611**	**2,900**
	4/5/2019	**658**	**3,120**
	7/15/2019	**624**	**3,020**
	10/16/2019	**603**	**2,950**
	1/22/2020	NS	NS
	4/13/2020	**570**	**2,940**
	7/14/2020	**628**	**3,120**
	10/12/2020	**650**	**3,240**
	1/12/2021	**625**	**3,120**
	4/7/2021	NS	NS
	7/26/2021	NS	NS
	1/25/2022	NS	NS
	6/29/2022	NS	NS

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Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
DHU-Office			
	04/06	**376**	**2,434**
DHU- Office (CHRM)			
	04/06	**382**	**2,460**
Livermore			
	01/06	NS	NS
	03/06	**6,946**	**11,381**
	6/14/2006	**8,320**	**14,300**
	9/12/2006	**7,400**	**12,000**
	12/7/2006	**5,750**	**12,000**
	2/28/2007	**5,770**	**11,200**
	7/30/2007	**5,910**	**12,600**
	7/7/2008	**5,280**	**9,340**
	1/29/2009	**4,670**	**8,200**
	8/25/2009	**4,630**	**8,260**
	2/18/2010	**3,700**	**7,560**
	8/20/2010	**4,390**	**7,920**
	2/15/2011	**4,400**	**7,430**
	8/5/2011	**4,230**	**7,230**
	2/3/2012	**3,310**	**6,790**
	8/7/2012	**3,730**	NS
	1/30/2013	**3,810**	**6,080**
	7/31/2013	**3,630**	**6,240**
	1/15/2014	**3,450**	**5,580**
	7/16/2014	**3,190**	**6,830**
	1/14/2015	**3,200**	**6,490**
	7/17/2015	**5,380**	**11,500**
	1/29/2016	**3,110**	**4,530**
	7/21/2016	**3,040**	**5,710**
	1/11/2017	**2,940**	**4,970**
	4/10/2017	NS	NS
	7/19/2017	**2,870**	**4,800**
	10/9/2017	**2,700**	**4,200**
	1/12/2018	**2,700**	**4,830**
	4/6/2018	**2,530**	**1,430**
	7/3/2018	**2,560**	**4,580**
	10/4/2018	**2,710**	**4,020**
	1/8/2019	**2,530**	**4,330**
	4/10/2019	**2,660**	**4,670**
	7/16/2019	**1,340**	**4,720**
	10/17/2019	**2,490**	**4,160**
	1/22/2020	**2,700**	**4,560**
	4/13/2020	**1,880**	**4,300**
	7/15/2020	**2,440**	**5,200**
	10/12/2020	**2,450**	**4,430**
	1/11/2021	**2,200**	**4,290**
	4/7/2021	NS	NS
	7/28/2021	**2,200**	**4,260**
DUP	7/28/2021	**2,190**	**4,220**
	1/31/2022	**2,190**	**4,170**
	6/29/2022	NS	NS
Pure Water Tower			
	01/06	**6,976**	**12,456**
	03/06	NS	NS
	6/14/2006	**7,890**	**16,200**
	9/12/2006	**8,200**	**13,100**
	12/6/2006	**8,070**	**14,600**
	2/27/2007	**6,400**	**12,800**
	7/30/2007	**7,450**	**15,400**
	1/21/2008	**11,800**	**20,100**
	1/26/2009	**5,010**	**12,100**
	8/21/2009	**6,920**	**12,900**
	2/17/2010	NS	**19,800**
	2/18/2010	**9,880**	NS
	8/16/2010	**11,800**	**23,000**
	6/28/2011	**9,260**	**20,500**
	8/5/2011	**6,470**	**12,900**
	1/31/2012	**5,380**	**11,500**
	7/14/2020	NS	NS
	10/12/2020	NS	NS
	1/8/2021	NS	NS

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	7/28/2021	NS	NS
	1/25/2022	NS	NS
	6/29/2022	NS	NS
Pure Water Well			
	01/06	NS	NS
	03/06	NS	NS
	6/14/2006	**5,820**	**11,200**
	9/12/2006	**6,260**	**13,900**
	12/6/2006	**2,790**	**5,680**
	7/23/2007	**4,060**	**9,500**
	1/21/2008	**2,560**	**4,590**
	7/7/2008	**1,030**	**2,320**
	1/26/2009	**4,390**	**10,400**
	8/21/2009	**5,240**	**9,840**
	2/17/2010	NS	**9,160**
	2/18/2010	**1,810**	NS
	2/10/2011	**5,070**	**12,900**
	8/5/2011	**5,430**	**12,900**
	8/21/2012	**4,650**	**10,200**
	1/30/2013	**4,880**	**8,800**
	10/25/2013	**5,340**	**11,100**
	1/13/2014	**4,830**	**10,700**
	7/17/2015	**754**	**1,890**
	7/14/2020	NS	NS
	10/12/2020	NS	NS
	1/8/2021	NS	NS
	7/28/2021	NS	NS
	1/25/2022	NS	NS
	6/29/2022	NS	NS
RRR Ranch Windmill			
	01/06	NS	NS
	03/06	**1,693**	**3,527**
	6/14/2006	**1,760**	**3,640**
	1/28/2016	**1,430**	**2,760**
	7/22/2016	**1,460**	**3,940**
	1/12/2017	**1,760**	**3,030**
	4/10/2017	NS	NS
	7/17/2017	**1,570**	**3,300**
	10/9/2017	**2,620**	**3,870**
	1/12/2018	**650**	**1,500**
	4/5/2018	**1,620**	**3,110**
	7/6/2018	**1,670**	**3,030**
	10/3/2018	**1,660**	**3,000**
	1/7/2019	**1,290**	**2,950**
	4/4/2019	47	**3,110**
	7/11/2019	**1,800**	**3,560**
	10/15/2019	**1,800**	**3,500**
	1/23/2020	**1,850**	**3,520**
	4/9/2020	**1,860**	**3,460**
	7/14/2020	**1,930**	**4,490**
	10/7/2020	**1,960**	**4,110**
	1/7/2021	**2,030**	**3,780**
DUP	1/7/2021	**1,930**	**3,830**
	7/23/2021	**2,110**	**3,740**
	1/25/2022	**2,350**	**4,080**
	6/29/2022	NS	NS
TRAC-4			
	01/06	**432**	**1,237**
	03/06	**581**	**3,181**
	6/14/2006	**402**	**1,270**
	9/11/2006	**428**	**1,310**
	12/7/2006	**456**	**1,300**
	2/27/2007	**435**	**1,240**
	7/30/2007	**493**	**1,320**
	1/21/2008	**421**	**1,220**
	7/7/2008	**461**	**1,290**
	1/26/2009	**546**	**1,320**
	8/21/2009	**471**	**1,330**
	2/17/2010	NS	**1,320**
	2/18/2010	**469**	NS
	2/15/2011	**549**	**1,340**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	8/4/2011	**455**	**1,250**
	1/31/2012	**445**	**1,150**
	8/2/2012	**433**	NS
	7/31/2013	**427**	**1,170**
	7/18/2014	**470**	**1,480**
	7/17/2015	**425**	**1,210**
	1/28/2016	**400**	**1,280**
	7/19/2016	NS	NS
	1/11/2017	**377**	**1,160**
	4/10/2017	NS	NS
	7/19/2017	**350**	**1,100**
	10/9/2017	**348**	**1,110**
	1/12/2018	**335**	**1,120**
	4/6/2018	**401**	**1,040**
	7/3/2018	**343**	**1,040**
	10/4/2018	**347**	**1,070**
	1/7/2019	**315**	**1,080**
	4/9/2019	**350**	**1,070**
	7/16/2019	**333**	**1,110**
	10/17/2019	**323**	**1,070**
	1/22/2020	NS	NS
	4/10/2020	NS	NS
	7/14/2020	NS	NS
	10/12/2020	NS	NS
	1/8/2021	NS	NS
	4/7/2021	NS	NS
	7/28/2021	NS	NS
	1/31/2022	**311**	**1,700**
	6/29/2022	NS	NS
TRAC-8			
	01/06	**2,090**	**3,786**
	03/06	**2,090**	**3,801**
	6/14/2006	**1,740**	**3,830**
	9/11/2006	**1,990**	**4,630**
	12/6/2006	**2,130**	**4,600**
	2/27/2007	**2,220**	**4,630**
	7/30/2007	**2,220**	**5,110**
	1/21/2008	**2,100**	**3,580**
	7/7/2008	**2,010**	**4,170**
	1/26/2009	**2,250**	**4,280**
	8/21/2009	**2,260**	**4,140**
	3/8/2010	**2,240**	**4,430**
	8/16/2010	**2,360**	**4,350**
	2/10/2011	**2,880**	**4,750**
	8/4/2011	**2,450**	**5,170**
	1/31/2012	**2,120**	**4,600**
	8/2/2012	**1,600**	NS
	1/30/2013	**1,920**	**3,420**
	7/31/2013	**1,760**	**4,060**
	1/13/2014	**1,650**	**3,270**
	7/17/2014	**1,770**	**4,670**
	1/13/2015	**1,810**	**4,300**
	1/28/2016	NS	NS
	7/19/2016	**2,000**	**4,380**
	7/14/2020	NS	NS
	10/12/2020	NS	NS
	1/8/2021	NS	NS
	7/28/2021	NS	NS
	1/31/2022	NS	NS
	6/29/2022	NS	NS
Wilson Ranch			
	01/06	**2,243**	**3,578**
	03/06	NS	NS
	6/14/2006	**2,410**	**4,980**
	9/12/2006	**2,510**	**4,450**
	12/7/2006	**2,350**	**4,750**
	2/27/2007	**2,110**	**4,020**
	7/30/2007	**2,440**	**5,240**
	1/21/2008	**2,690**	**3,880**
	7/7/2008	**2,030**	**3,810**
	8/25/2009	**2,320**	**5,350**

Appendix D

Historical Groundwater Analytical Results Summary
Scout Dollarhide Unit
Dollarhide, Texas

Sample Location	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking		**300**	**1,000**
	2/12/2016	**888**	**2,230**
	7/19/2016	**1,500**	**3,250**
	1/10/2017	**1,300**	**3,130**
	4/10/2017	NS	NS
	7/16/2017	**1,140**	**2,380**
	10/9/2017	**1,200**	**2,800**
	1/12/2018	**673**	**1,600**
	4/6/2018	**1,360**	**2,950**
	7/6/2018	**1,330**	**2,190**
	10/3/2018	**1,380**	**2,680**
	1/7/2019	**1,070**	**2,420**
	4/4/2019	**1,480**	**2,440**
	7/12/2019	**1,300**	**2,530**
	10/15/2019	**928**	**1,880**
	1/22/2020	**1,330**	**2,790**
	4/10/2020	**1,260**	**2,530**
	7/10/2020	**1,030**	**1,990**
	10/8/2020	**784**	**1,710**
	1/8/2021	**526**	**2,070**
	4/7/2021	NS	NS
	7/26/2021	**1,070**	**1,970**
	1/27/2022	**959**	**1,780**
	6/29/2022	NS	NS
Smith Residential Well			
	1/13/2017	**1,600**	**2,580**
	4/10/2017	NS	NS
	7/17/2017	**1,050**	**2,230**
	10/9/2017	**1,260**	**2,660**
	1/12/2018	**650**	**1,500**
	4/5/2018	**1,280**	**2,670**
	7/6/2018	**1,340**	**2,140**
	10/3/2018	**1,310**	**2,260**
	1/7/2019	**1,020**	**2,230**
	4/5/2019	**1,510**	**2,490**
	7/12/2019	**1,300**	**2,660**
	10/15/2019	**1,180**	**2,140**
	1/22/2020	**1,360**	**2,550**
	4/10/2020	**1,310**	**2,600**
	7/10/2020	**1,310**	**2,570**
	10/8/2020	**753**	**1,570**
	1/8/2021	**1,040**	**1,940**
	4/7/2021	NS	NS
	7/26/2021	**1,040**	**1,880**
	1/27/2022	**868**	**1,830**
	6/29/2022	NS	NS

Notes:
1. Constituent concentrations are reported in milligrams per liter (m
2. Bold font and shading indicates that a detected result
Drinking Water Standard.
NS = Not Sampled
NS = Not Applicable

Appendix E

Data Validation Reports

GHD Digital

Technical Memorandum

06 October 2022

To	Phillip Moore		
Copy to	Nick Casten		
From	Chris G. Knight/eew/2-NF	**Tel**	512 506 8803
Subject	Analytical Results and Reduced Validation Groundwater Monitoring Well Sampling Scout EP/Dollarhide Andrews County, Texas September 2022	**Project no.**	12586708

1. Introduction

The following document details a reduced validation of analytical results for groundwater samples collected at the Scout EP/Dollarhide site during September 2022. Samples were submitted to Eurofins Environment Testing America, located in Midland, Texas (Eurofins-Midland) and were analyzed at Eurofins Environment Testing America, located in Stafford, Texas (Eurofins-Houston). These data are reported in the following data packages: 880-19566-1, 880- 19574-1, and 880- 19575-1. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody form, finished report forms, method blank data, duplicate data, recovery data from laboratory control sample/laboratory control duplicate samples (LCS/LCSD), matrix spikes/matrix spike duplicates (MS/MSD), laboratory duplicates, and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

1. " National Functional Guidelines for Inorganic Superfund Methods Data Review", USEPA 542R20006, November 2020.

Item 1 will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. The sample chain of custody document and the analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were delivered on ice and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4. Laboratory Control Sample Analyses

LCS/Laboratory Control Sample Duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS/LCSD contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries and RPDs were within the control limits, demonstrating acceptable analytical accuracy and precision.

5. Matrix Spike Analyses

To evaluate the effects of sample matrices on the preparation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/matrix spike duplicate (MSD) samples. The RPD between the MS and MSD is used to assess analytical precision.

An MS/MSD analysis was performed as specified in Table 1 for chloride analysis. The recovery ranges established by the laboratory are adopted as the acceptance criteria for the project.

The MS/MSD samples were spiked with chloride. The MS/MSD was reported with an RPD value within the laboratory control limits, but with low recoveries. This was attributed to possible matrix interferences and/or non-homogeneity and the MS/MSD was not assessed. No further action was required.

The laboratory also performed additional MS/MSD analyses on non-site samples. These cannot be used to assess accuracy and precision for the site samples.

6. Duplicate Sample Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory as specified in Table 1 for total dissolved solids (TDS). The duplicate results were evaluated per the "Guidelines".

The duplicate analysis performed were acceptable, demonstrating acceptable analytical precision.

The laboratory also performed additional duplicate analyses on non-site samples. These cannot be used to assess precision for the site samples.

7. Field QA/QC Samples

The field QA/QC consisted of 1 field duplicate sample set.

To assess the analytical and sampling protocol precision, 1 field duplicate sample set was collected and submitted to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value.

Field duplicate summary data are presented in Table 2. All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's RL for each analyte.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Regards

Chris G. Knight

Data Management Team – Data Validator

Table 1

Sample Collection and Analysis Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
September 2022

					Analysis/Parameters		
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**Chloride**	**TDS**	**Comments**
MW-18-W-092222	MW-18	Water	09/22/2022	09:40	X	X	
MW-18-WD-092222	MW-18	Water	09/22/2022	09:40	X	X	Field duplicate of MW-18
MW-19-W-092222	MW-19	Water	09/22/2022	09:55	X	X	
MW-25-W-092222	MW-25	Water	09/22/2022	10:10	X	X	
MW-31-W-092222	MW-31	Water	09/22/2022	10:25	X	X	
NM-MW-9-W-092222	NM-MW-9	Water	09/22/2022	10:45	X	X	DUP
NM-MW-1-W-092222	NM-MW-1	Water	09/22/2022	11:08	X	X	
NM-MW-5-W-092222	NM-MW-5	Water	09/22/2022	11:18	X	X	
NM-MW-6-W-092222	NM-MW-6	Water	09/22/2022	11:30	X	X	
NM-MW-15-W-092222	NM-MW-15	Water	09/22/2022	11:50	X	X	MS/MSD
NM-MW-10-W-092222	NM-MW-10	Water	09/22/2022	12:10	X	X	
NM-MW-17-W-092222	NM-MW-17	Water	09/22/2022	12:39	X	X	
NM-MW-20-W-092222	NM-MW-20	Water	09/22/2022	13:11	X	X	

Table 1

Sample Collection and Analysis Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
September 2022

					Analysis/Parameters		
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**Chloride**	**TDS**	**Comments**
MW-34-W-092222	MW-34	Water	09/22/2022	13:25	X	X	
MW-29-W-092222	MW-29	Water	09/22/2022	13:50	X	X	
FB-W-092222	-	Water	09/22/2022	-	X	X	Field Blank

Notes:

TDS - Total Dissolved Solids
MS/MSD - Matrix Spike/Matrix Spike Duplicate
DUP - Laboratory Duplicate

Table 2

Analytical Results Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
September 2022

Location ID:		MW-18	MW-18	MW-19	MW-25	MW-29	MW-31	MW-34	NM-MW-1
Sample Name:		MW-18-W-092222	MW-18-WD-092222	MW-19-W-092222	MW-25-W-092222	MW-29-W-092222	MW-31-W-092222	MW-34-W-092222	NM-MW-1-W-092222
Sample Date:		09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022
			Duplicate						
Parameters	**Unit**								
General Chemistry									
Chloride	mg/L	24200	24200	9650	22800	632	10700	68.3	263
TDS	mg/L	35700	39900	15700	31300	1540	16800	589	1450

Table 2

Analytical Results Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
September 2022

Location ID:		NM-MW-5	NM-MW-6	NM-MW-9	NM-MW-10	NM-MW-15	NM-MW-17	NM-MW-20
Sample Name:		NM-MW-5-W-092222	NM-MW-6-W-092222	NM-MW-9-W-092222	NM-MW-10-W-092222	NM-MW-15-W-092222	NM-MW-17-W-092222	NM-MW-20-W-092222
Sample Date:		09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022	09/22/2022
Parameters	**Unit**							
General Chemistry								
Chloride	mg/L	145	146	230	316	53.5	218	20.7
TDS	mg/L	1280	931	781	1680	536	950	484

Notes:

TDS - Total Dissolved Solids

Table 3

Analytical Methods
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
September 2022

Parameter	Method	Matrix	Holding Time Collection to Analysis (Days)
Chloride	MCAWW 300.0	Water	28
TDS	SM 2540C	Water	7

Notes:

TDS - Total Dissolved Solids

Method References:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions

SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions

GHD Digital

Technical Memorandum

25 January 2023

To	Phillip Moore		
Copy to	Nick Casten, Keshia Lucas		
From	Chris G. Knight/eew/3	**Tel**	512 506 8803
Subject	Analytical Results and Reduced Validation Groundwater Monitoring Well Sampling Scout EP/Dollarhide Andrews County, Texas December 2022	**Project no.**	12586708

1. Introduction

The following document details a reduced validation of analytical results for groundwater samples collected at the Scout EP/Dollarhide site during December 2022. Samples were submitted to Eurofins Environment Testing America, located in Midland, Texas and are reported in the following data packages: 880-23011-1, 880-23012-1, and 880-23022-1. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

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The laboratory also performed additional MS/MSD analyses on non-site samples. These cannot be used to assess accuracy and precision for the site samples.

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The field QA/QC consisted of 1 field duplicate sample set.

To assess the analytical and sampling protocol precision, 1 field duplicate sample set was collected and submitted to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value.

Field duplicate summary data are presented in Table 2. All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8. Analyte Reporting

The laboratory reported detected results down to the laboratory's RL for each analyte.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

Regards

Chris G. Knight

Data Management Team – Data Validator

Table 1

Sample Collection and Analysis Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
December 2022

					Analysis/Parameters		
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**Chloride**	**TDS**	**Comments**
MW-31-W-222012	MW-31	Water	12/20/2022	11:15	X	X	
MW-25-W-222012	MW-25	Water	12/20/2022	12:00	X	X	
MW-18-W-222012	MW-18	Water	12/20/2022	12:20	X	X	
MW-18-WD-222012	MW-18	Water	12/20/2022	12:20	X	X	Field duplicate of MW-18
MW-19-W-222012	MW-19	Water	12/20/2022	12:50	X	X	
MW-29-W-222012	MW-29	Water	12/20/2022	13:30	X	X	
MW-34-W-222012	MW-34	Water	12/20/2022	14:10	X	X	DUP
NM-MW-20-W-222012	NM-MW-20	Water	12/20/2022	14:40	X	X	MS/MSD
NM-MW-17-W-222012	NM-MW-17	Water	12/20/2022	15:10	X	X	
NM-MW-15-W-222012	NM-MW-15	Water	12/20/2022	15:30	X	X	
NM-MW-9-W-222112	NM-MW-9	Water	12/21/2022	10:45	X	X	DUP
NM-MW-1-W-222112	NM-MW-1	Water	12/21/2022	11:10	X	X	
NM-MW-5-W-222112	NM-MW-5	Water	12/21/2022	11:20	X	X	

Table 1

Sample Collection and Analysis Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
December 2022

					Analysis/Parameters		
Sample Identification	**Location**	**Matrix**	**Collection Date (mm/dd/yyyy)**	**Collection Time (hr:min)**	**Chloride**	**TDS**	**Comments**
NM-MW-6-W-222112	NM-MW-6	Water	12/21/2022	11:45	X	X	
NM-MW-10-W-222112	NM-MW-10	Water	12/21/2022	12:10	X	X	

Notes:

TDS - Total Dissolved Solids
MS/MSD - Matrix Spike/Matrix Spike Duplicate
DUP - Laboratory Duplicate

Table 2

Analytical Results Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
December 2022

Location ID:		MW-18	MW-18	MW-19	MW-25	MW-29	MW-31	MW-34	NM-MW-1
Sample Name:		MW-18-W-222012	MW-18-WD-222012	MW-19-W-222012	MW-25-W-222012	MW-29-W-222012	MW-31-W-222012	MW-34-W-222012	NM-MW-1-W-222112
Sample Date:		12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/21/2022
			Duplicate						
Parameters	**Unit**								
General Chemistry									
Chloride	mg/L	21800	24400	10200	22400	602	11200	66.6	234
Total dissolved solids (TDS)	mg/L	39500	39300	18300	35300	1310	15900	673	1300

Table 2

Analytical Results Summary
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
December 2022

Location ID:		**NM-MW-5**	**NM-MW-6**	**NM-MW-9**	**NM-MW-10**	**NM-MW-15**	**NM-MW-17**	**NM-MW-20**
Sample Name:		**NM-MW-5-W-222112**	**NM-MW-6-W-222112**	**NM-MW-9-W-222112**	**NM-MW-10-W-222112**	**NM-MW-15-W-222012**	**NM-MW-17-W-222012**	**NM-MW-20-W-222012**
Sample Date:		**12/21/2022**	**12/21/2022**	**12/21/2022**	**12/21/2022**	**12/20/2022**	**12/20/2022**	**12/20/2022**
Parameters	**Unit**							
General Chemistry								
Chloride	mg/L	116	134	216	287	42.5	238	15.4
Total dissolved solids (TDS)	mg/L	1420	775	647	1840	765	1110	567

Notes:

TDS - Total Dissolved Solids

Table 3

Analytical Methods
Groundwater Monitoring Well Sampling
Scout EP/Dollarhide
Andrews County, Texas
December 2022

Parameter	Method	Matrix	Holding Time Collection to Analysis (Days)
Chloride	MCAWW 300.0	Water	28
TDS	SM 2540C	Water	7

Notes:

TDS - Total Dissolved Solids

Method References:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions

SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 200734

CONDITIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 200734
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of Semi-Annual Groundwater Monitoring Report (July to December 2022): Content satisfactory 1. Continue with path forward presented in this report under section 5.0. 2. Submit next semi-annual groundwater monitoring report no later than September 30, 2024.	5/18/2023