



REVIEWED

By Mike Buchanan at 3:00 pm, Jun 17, 2024

2023 Comprehensive Groundwater Monitoring Report March 2023

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

Review of the 2023
Comprehensive
Groundwater
Monitoring Report for
Dollarhide Oil Field
Unit: Content
Satisfactory
1. The NMOCD has
accepted this report for
the record.
2. Please keep OCD
apprised of any
updates in future
reports for 2024.

Scout Energy Management LLC

October 19, 2023

→ **The Power of Commitment**

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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 2023 Comprehensive *Groundwater Monitoring Report (March 2023)* for the Dollarhide Oil Field Unit located in Andrews County, Texas (Site). The latitude and longitude coordinates for the Site are 32° 08' 45.60" N and 103° 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 comprehensive groundwater monitoring data collected in March of 2023. It should be noted that following meetings with the RRC and the New Mexico's Oil Conservation Division (OCD) on April 18 and 19, 2022, respectively, consensus was reached on the proposed strategy and path forward to closure for the Site. The agreed upon path forward includes the following:

- Three (3) groundwater monitoring events from a limited well network composed of perimeter and interior source wells.
- One (1) comprehensive groundwater monitoring event to demarcate the impacted groundwater extent and record COCs remaining in groundwater to be included in the Restrictive Covenants (RCs) for each property owner.

This report summarizes the comprehensive groundwater monitoring event. The results of the three (3) groundwater monitoring events from a limited well network composed of perimeter and interior source wells were summarized in two reports, Semi-Annual Groundwater Monitoring Report (January-June 2022) dated August 8, 2022, and Semi-Annual Groundwater Monitoring Report (July Through December 2022), dated March 14, 2023, all of which were provided to the RRC.

1.1 Scope and Limitations

This report: has been prepared by GHD for Scout Energy Management LLC and may only be used and relied on by Scout Energy Management LLC for the purpose agreed between GHD and Scout Energy Management LLC as set out in this report.

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

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

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

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

Accessibility of documents

If this report is required to be accessible in any other format, this can be provided by GHD upon request and at an additional cost if necessary.

2. Background

GHD understands historical operations at the Site contributed to elevated chloride concentrations in groundwater in the Ogallala Aquifer underlying the Site. The Dollarhide Oil Field 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 disposing of excess produced water fluids into pits. However, 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 wells located in Tract 26, and then in 1974 in Tract 45 wells. Groundwater assessments

were initiated in 1974, and a groundwater recovery system was installed in 1994 by Union Oil Company of California (Unocal), the field operator at that time.

Representatives of Unocal and the RRC participated in a meeting on June 2, 1994, to discuss the installation of 24 recovery wells and the recovery system located 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 recovering groundwater from the Site. The recovered groundwater was pumped into two on-Site injection wells for oil reservoir pressure maintenance. Chevron U.S.A., Inc. (Chevron) purchased Unocal in August 2005 and 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. Currently there are 74 monitor wells installed at the site, of which 21 are in New Mexico.

2.1 Former Pits

Prior to the 1970s, it was an accepted practice in oil field operations to store produced water (brine) in unlined pits adjacent to well locations. After livestock water wells in the vicinity of the Site began exhibiting elevated chloride concentrations, Unocal began investigating potential chloride sources. Historical aerial photographs were reviewed to assess potential source areas. A 1955 aerial photograph identified the presence of approximately 84 former produced water 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 also identified by Unocal as a potential source area.

In 1997, Unocal installed soil borings in all former pit locations to assess possible chlorides in soil leaching to groundwater, with soil samples collected from various depths within the former pits and submitted for laboratory analysis of chlorides. Based on these soils results, former pit locations with soil chloride concentrations less than 700 parts per million (ppm) were determined by Unocal not to be potential source areas and were left in place. Moreover, 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 (Claymax®) to prevent any further leaching of chlorides to groundwater. Claymax® is a geosynthetic clay liner (GCL) with two lightweight nonwoven geotextiles encapsulating a layer of sodium bentonite.

2.2 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 monitor 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 soils.

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 wells (44-J-WW, 44-I-WW, and 44-II-WW) is not located near any of Chevron's former assets containing 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 because 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 New Mexico's Oil Conservation Division (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, to establish a file for the Site. Routine meetings are held with both regulatory agencies providing project status updates and ensure that there is regulatory alignment with respect to the proposed path forward for the Site.

4. Groundwater Monitoring

As discussed in Section 1, following agency meetings with the RRC and OCD in April 2022, it was agreed upon that the next two 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 monitoring wells throughout the Site. As such, this report summarizes the comprehensive monitoring event.

The groundwater monitoring system for the comprehensive monitoring event includes sampling 23 monitor wells and three non-remedial wells screened in the Ogallala Aquifer approximately 120 feet below ground surface (bgs). Comprehensive groundwater well designations are shown in Figure 2 and listed in Table 1. The groundwater data collected during the March 2023 comprehensive monitoring event is 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 March 2023 event are presented in Figure 3. The well measurements indicate that the groundwater flow direction is generally to the southwest which is consistent with historical sampling events. A summary of the depth-to-groundwater measurements and the corresponding groundwater elevations are included in Table 2. Historical groundwater elevations are also provided in Appendix A.

4.2 Groundwater Sampling

For the 2023 comprehensive sampling event, 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™ sampler. These samplers are considered instantaneous grab-sampling devices designed to collect water samples from groundwater wells without purging or mixing fluid from other intervals.

The HYDRASleeve™ was 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 Total Dissolved Solids (TDS) by EPA Method SM 2540C.

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 2023 event are listed in Table 3. Furthermore, Groundwater isopleths for chloride and TDS concentrations for the 2023 sampling event are shown on Figures 4 and 5, respectively. Additionally, the analytical laboratory reports are included in Appendix B.

The concentrations of chlorides and TDS are generally consistent with historical sampling 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 C.

4.4 Plume Stability

Figures 6 and 7 illustrate comparatively the isopleths of groundwater chloride concentrations (2022-2023) and total dissolved solids (TDS) concentrations (2022-2023), respectively. These figures depict the results of three groundwater monitoring events conducted using a limited well network comprising perimeter and interior source wells, as well as the comprehensive groundwater monitoring event. These figures suggest that the chloride and TDS plume is relatively stable, with the highest concentrations of chloride and TDS centered in the central portion of the plume across all the sampling events.

4.5 Quality Assurance/Quality Control

During the March 2023 sampling event, 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 for the 2023 sampling event 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 D.

5. Conclusions and Path Forward

The results of the groundwater monitoring event conducted in March 2023 strongly support the stability of the chloride groundwater plume. Furthermore, GHD has firmly established its understanding of the plume's characteristics, including chloride concentrations and groundwater flow. The data collected during the March 2023 sampling event, along with the results from the sampling events in January and June 2022, as well as in July and December 2022, in conjunction with historical chloride and TDS findings, consistently indicate a persistent trend in concentrations. Based on this information, GHD is confident that the chloride plume has been delineated in the observed southwest downgradient direction.

With the conclusion of the 2023 comprehensive event, all four quarters of the agreed-upon groundwater sampling events at the Dollarhide field have been successfully completed. Scout will utilize these findings to define the extent of impacted groundwater and document the Contaminants of Concern (COCs) persisting in the groundwater. These results will be integrated into the Restrictive Covenants (RC) for each property owner within the delineated downgradient plume area, following the prescribed path forward for the Site. Currently, Scout is engaged in discussions with property owners regarding the implementation of RCs. A metes and bounds survey of the impacted property boundary to be included in the RCs will be carried out by a professionally licensed surveyor. Updates on the progress of the RCs with the relevant landowners will be provided in the fourth quarter of 2023.

In conclusion, the results of the four sampling events suggest the chloride plume is stable, and Site's hydrology and potentiometric flow are well understood. Similarly, the soil-to-groundwater exposure path from historical pit operations remains incomplete. Therefore, Scout is requesting RRC's concurrence to submit a Site Closure Request Report for the Dollarhide Oil Field Unit.

Regards,



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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⁾
	MW-33 ⁽¹⁾
	MW-34 ⁽¹⁾
	NM-MW-1 ⁽¹⁾
	NM-MW-2 ⁽¹⁾
	NM-MW-3 ⁽¹⁾
	NM-MW-4 ⁽¹⁾
	NM-MW-5 ⁽¹⁾
	NM-MW-6 ⁽¹⁾
	NM-MW-7 ⁽¹⁾
	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

**March 2023 Groundwater Elevation Measurements
Chevron Dollarhide Unit
Andrews County, Texas**

Well Identification	TOC Elevation (ft NAVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft NAVD)
Monitor Wells			
43-K-1-MW	NM	93.41	NA
44-I-1-MW	3,138.93	94.84	3,044.09
44-J-1-MW	3,134.50	94.64	3,039.86
44-J-2-MW	3,135.30	93.39	3,041.91
44-J-3-MW	3,140.19	94.82	3,045.37
44-J-4-MW	3,133.69	93.80	3,039.89
44-J-5-MW	3,134.75	94.94	3,039.81
45-E-1-MW	NM	86.63	NA
45-E-2-MW	NM	84.02	NA
45-E-3-MW	NM	87.23	NA
45-F-1-MW	NM	88.41	NA
45-FF-MW	3,122.70	88.62	3,034.08
58-B-1-MW	3,100.59	84.69	3,015.90
58-B-2-MW	3,111.91	83.72	3,028.19
58-B-3-MW	3,108.46	89.80	3,018.66
MW-2	3,204.56	DRY	NA
MW-3	3,199.51	113.14	3,086.37
MW-4	3,189.69	115.89	3,073.80
MW-5	3,174.43	103.11	3,071.32
MW-6	3,165.25	94.56	3,070.69
MW-7	3,132.14	DRY	NA
MW-8	3,107.34	84.25	3,023.09
MW-9	3,103.82	84.46	3,019.36
MW-10	3,139.71	97.07	3,042.64
MW-11	3,156.65	102.76	3,053.89
MW-12	3,151.33	95.58	3,055.75
MW-13	3,168.41	99.45	3,068.96
MW-14	3,182.69	106.89	3,075.80
MW-15	3,184.55	104.48	3,080.07
MW-16	3,167.93	99.45	3,068.48
MW-17	3,147.44	84.76	3,062.68
MW-18	3,155.01	96.12	3,058.89
MW-19	3,149.90	99.45	3,050.45
MW-20	3,120.09	87.47	3,032.62
MW-21	3,159.65	93.01	3,066.64
MW-22	3,152.50	88.45	3,064.05
MW-23	3,151.66	87.71	3,063.95
MW-24	3,144.88	95.39	3,049.49
MW-25	3,165.45	103.74	3,061.71
MW-26	3,136.99	93.59	3,043.40
MW-27	3,126.99	91.53	3,035.46

Table 2

**March 2023 Groundwater Elevation Measurements
Chevron Dollarhide Unit
Andrews County, Texas**

Well Identification	TOC Elevation (ft NAVD)	Depth to Water (ft below TOC)	Groundwater Elevation (ft NAVD)
Monitor Wells (cont'd.)			
MW-28	3,093.86	83.83	3,010.03
MW-29	3,098.60	100.32	2,998.28
MW-30	3,170.95	104.15	3,066.80
MW-31	3,145.41	94.87	3,050.54
MW-32	3,090.28	81.40	3,008.88
MW-33	3,080.02	77.03	3,002.99
MW-34	3,069.95	71.60	2,998.35
NM-MW-1	3,124.90	72.14	3,052.76
NM-MW-2	3,152.86	95.85	3,057.01
NM-MW-3	3,146.86	91.14	3,055.72
NM-MW-4	3,154.21	109.85	3,044.36
NM-MW-5	3,109.14	100.10	3,009.04
NM-MW-6	3,093.23	87.77	3,005.46
NM-MW-7	3,147.67	96.43	3,051.24
NM-MW-8	3,138.62	87.81	3,050.81
NM-MW-9	3,118.18	93.55	3,024.63
NM-MW-10	3,066.32	80.15	2,986.17
NM-MW-11	3,075.44	82.22	2,993.22
NM-MW-12	3,105.47	96.58	3,008.89
NM-MW-13	3,051.17	85.08	2,966.09
NM-MW-14	3,126.82	95.81	3,031.01
NM-MW-15	3,064.93	87.25	2,977.68
NM-MW-16	3,085.99	93.28	2,992.71
NM-MW-17	3,035.70	58.85	2,976.85
NM-MW-20	3,091.29	93.72	2,997.57
NM-MW-21	3,047.98	76.95	2,971.03
Non-Remedial Wells			
RRR Ranch Windmill	NM	93.53	NA
Livermore	NM	95.86	NA
Pure Water Tower	3,154.43	NM	NA
TRAC-4	NM	NM	NA
TRAC-8	NM	NM	NA
Pure Water Well	3,151.80	NM	NA
Smith Residential Well	NM	NM	NA
Wilson Ranch	NM	NM	NA

Notes:

ft = feet

NM = Not Measured

NA = Not Applicable

TOC = top of casing

NAVD = North American Vertical Datum

Table 3

March 2023 Comprehensive Groundwater Analytical Results Summary
Scout energy Dollarhide Unit
Andrews County, Texas

Sample ID	March 2023	
	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking Water Standards (mg/L)	300	1000
Monitor Wells		
43-K-1-MW	4660	6900
44-I-1-MW	4520	7670
44-J-1-MW	5120	8470
44-J-2-MW	5210	11300
44-J-3-MW	5270	11400
44-J-4-MW	4810	6710
44-J-5-MW	4580	8190
45-E-1-MW	2600	4840
45-E-2-MW	1690	3930
45-E-3-MW	3750	7190
45-F-1-MW	1130	2670
45-FF-MW	3450	7190
58-B-1-MW	6480	11600
58-B-2-MW	3740	8620
58-B-3-MW	1840	3470
MW-2	NS	NS
MW-3	629	1340
MW-4	298	881
MW-5	222	862
MW-6	359	1230
MW-7	NS	NS
MW-8	1120	2340
MW-9	2560	4720
MW-10	4730	11700
MW-11	6150	13800
MW-12	12800	38200
MW-13	1330	2920
MW-14	1700	3620
MW-15	896	1800
MW-16	672	1890
MW-17	6290	11600
MW-18	21400	38600
MW-19	6070	12100
MW-20	1270	3010
MW-21	5760	9000
MW-22	10500	20600
MW-23	2370	3840
MW-24	3990	8480
MW-25	21200	43900
MW-26	1330	4280
MW-27	2390	3690

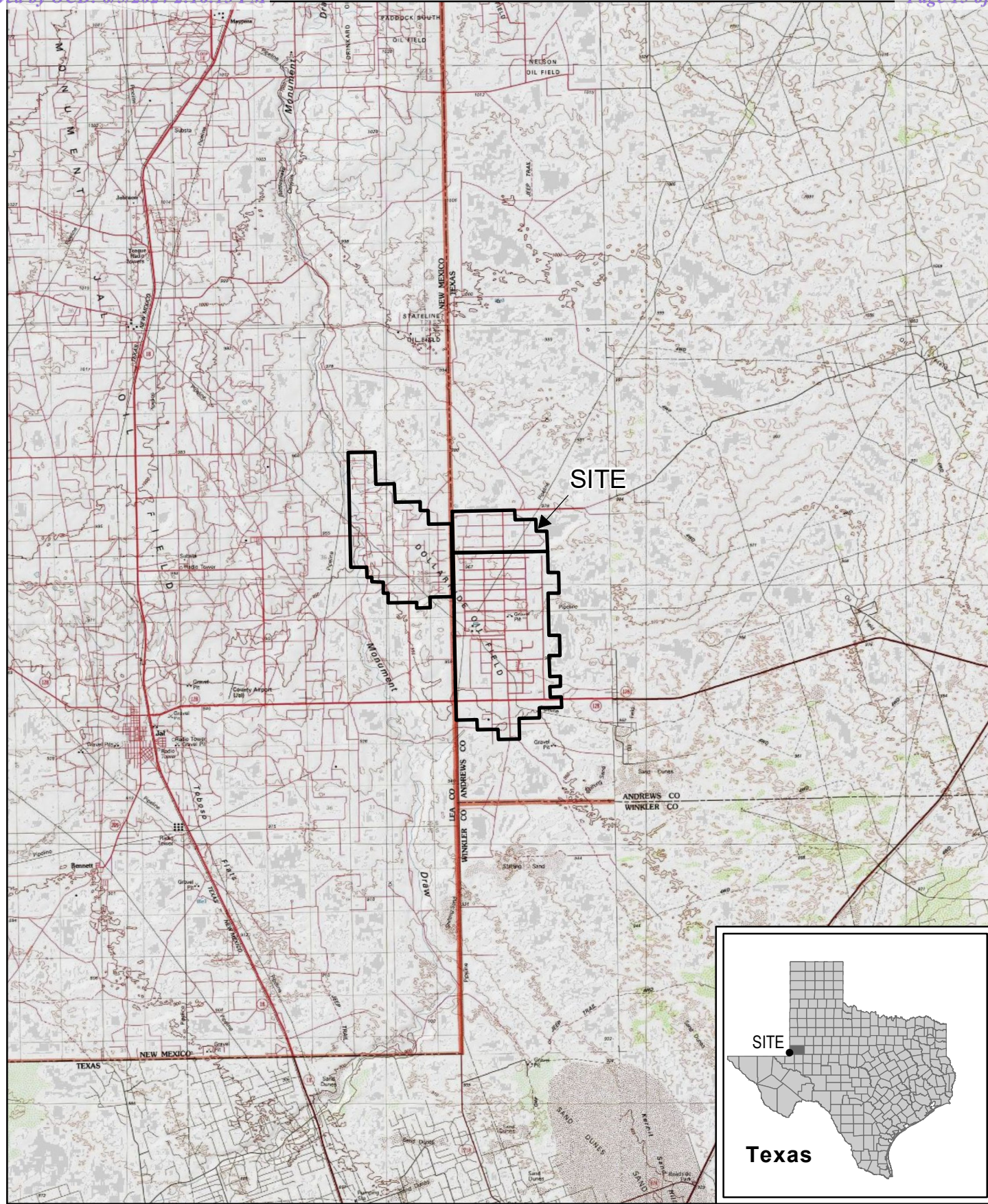
Table 3

March 2023 Comprehensive Groundwater Analytical Results Summary
Scout energy Dollarhide Unit
Andrews County, Texas

Sample ID	March 2023	
	Chloride (mg/L)	Total Dissolved Solids (mg/L)
TCEQ Secondary Drinking Water Standards (mg/L)	300	1000
Monitor Wells (cont'd.)		
MW-28	4530	7660
MW-29	666	1830
MW-30	1960	4440
MW-31	9560	15100
MW-32	319	1140
MW-33	234	1240
MW-34	70.9	650
NM-MW-1	259	1480
NM-MW-2	812	1360
NM-MW-3	386	898
NM-MW-4	49.9	613
NM-MW-5	146	1510
NM-MW-6	172	874
NM-MW-7	2060	3680
NM-MW-8	6440	9200
NM-MW-9	230	724
NM-MW-10	308	1540
NM-MW-11	160	1740
NM-MW-12	368	932
NM-MW-13	195	1060
NM-MW-14	29.6	533
NM-MW-15	55.1	483
NM-MW-16	NS	NS
NM-MW-17	240	1030
NM-MW-20	20.9	315
NM-MW-21	33.8	486
Non-Remedial Wells		
Livermore	1990	3650
Pure Water Tower	NA	NA
Pure Water Well	NA	NA
RRR Ranch Windmill	2070	3560
Smith Residential Well	1040	1880
TRAC-4	327	1330
TRAC-8	NA	NA
Wilson Ranch	852	1990
DHU-FWS	NS	NS

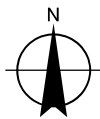
Notes:

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



Paper Size ANSI A
0 1 2 3
Miles

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

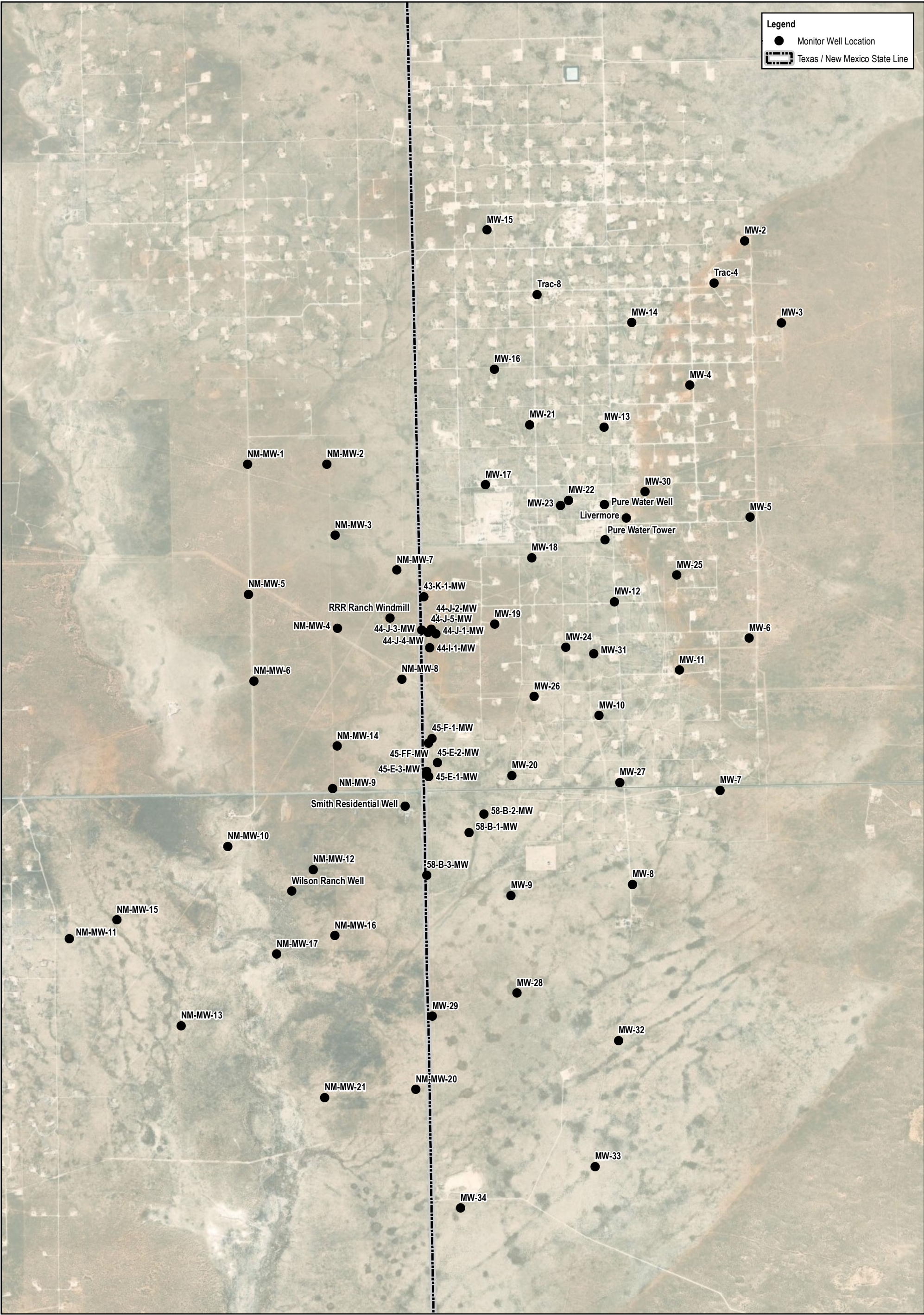


SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

SITE VICINITY MAP

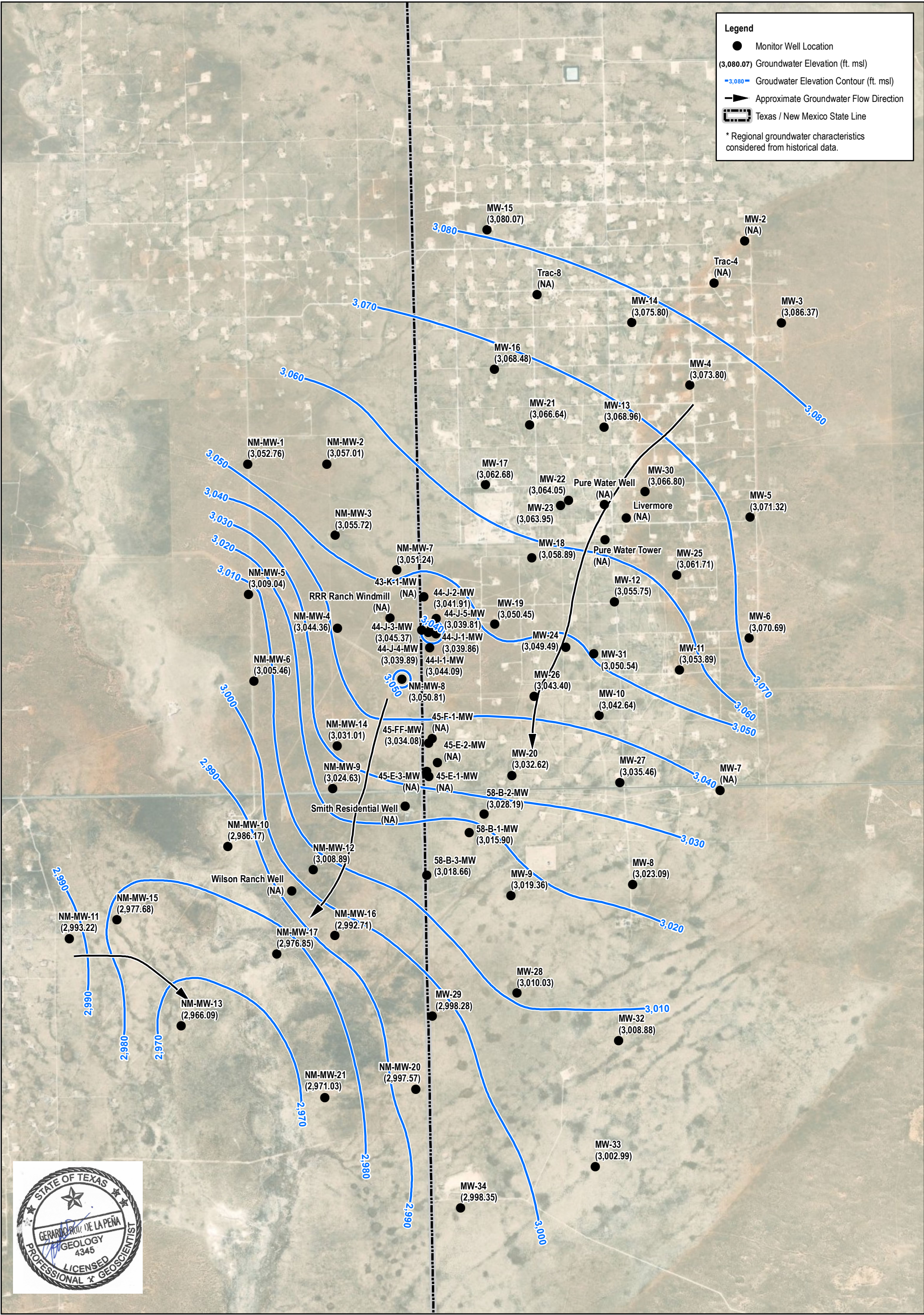
Project No. 12586708
Revision No. -
Date September 18, 2023

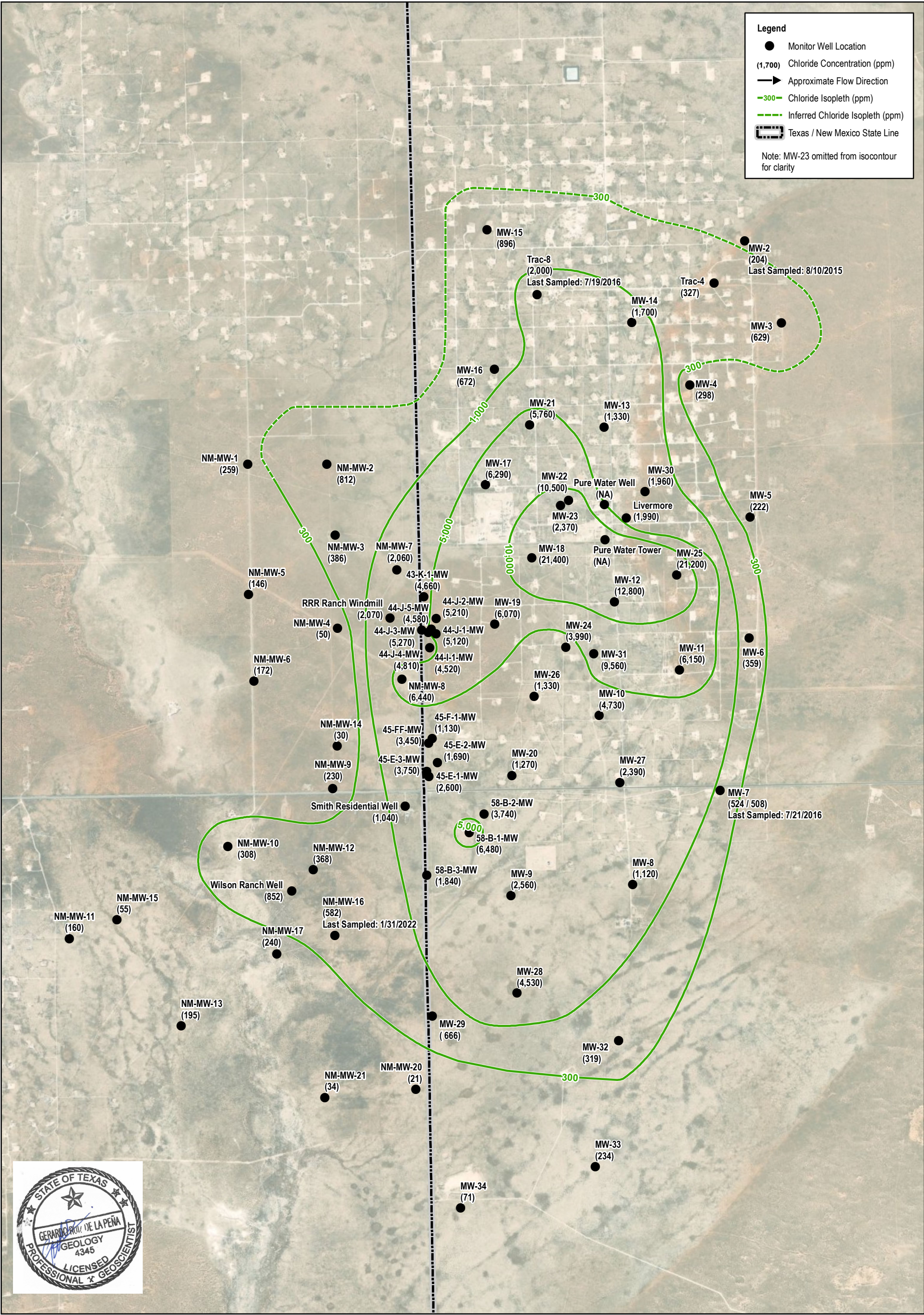
FIGURE 1

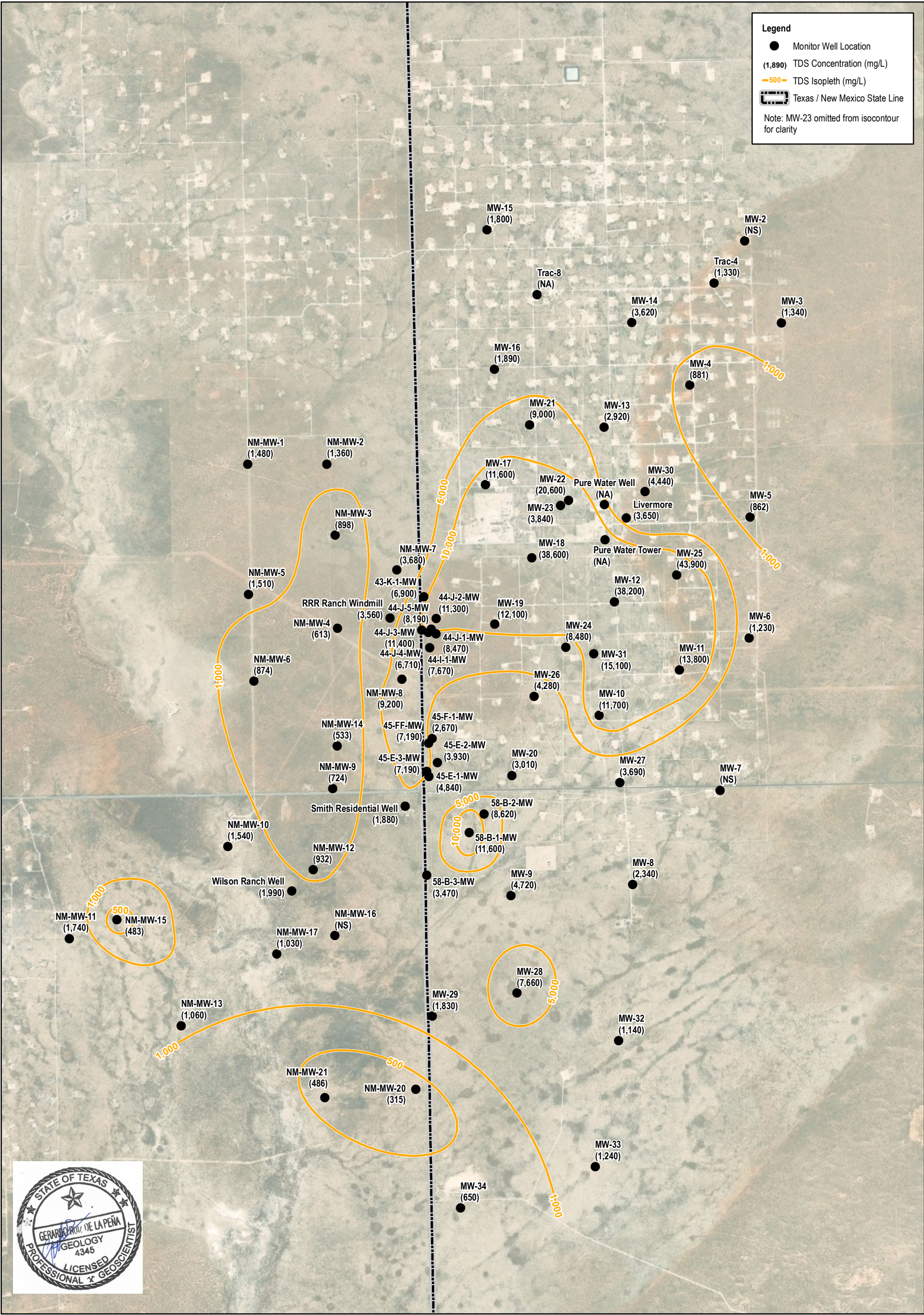


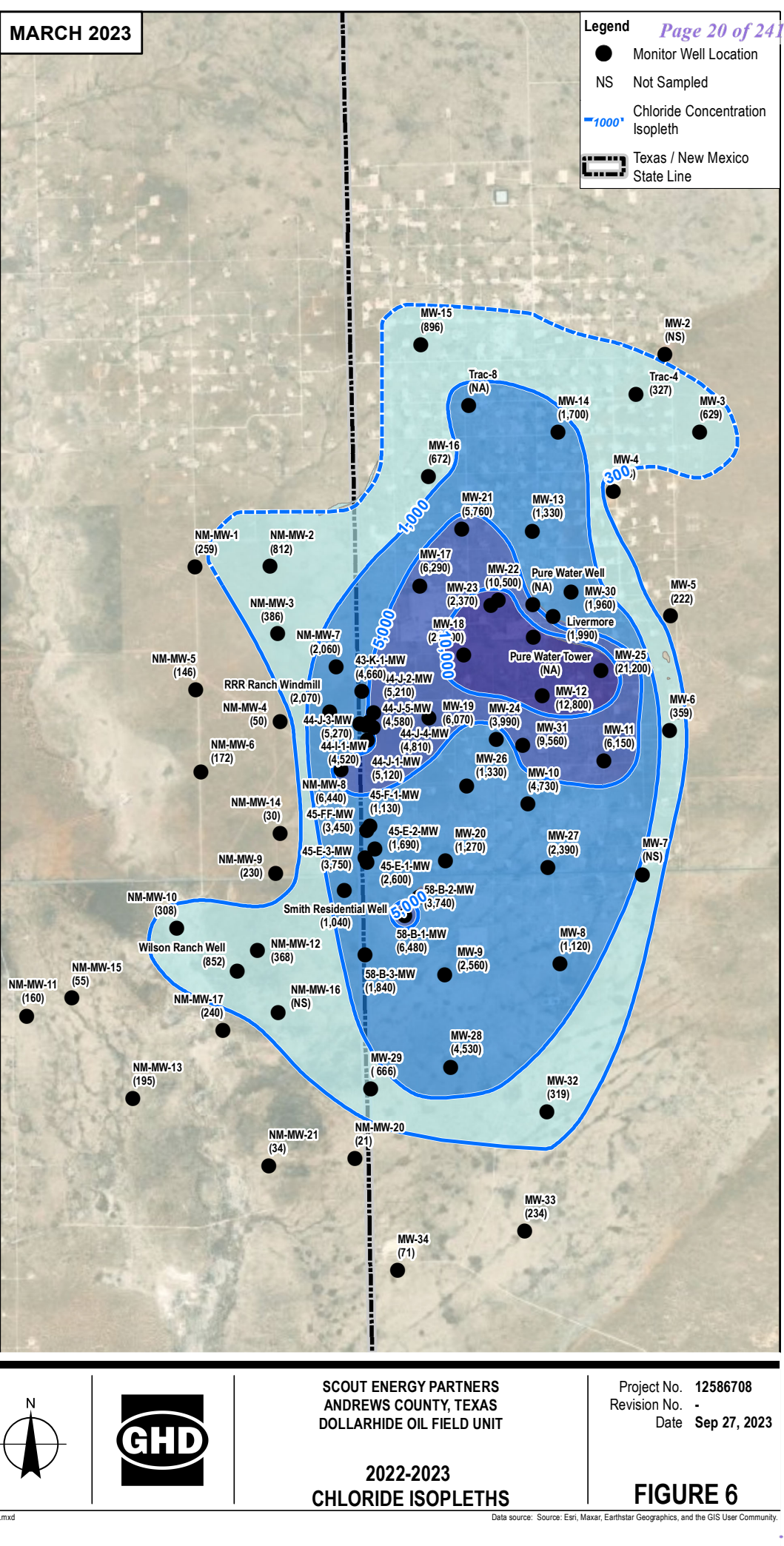
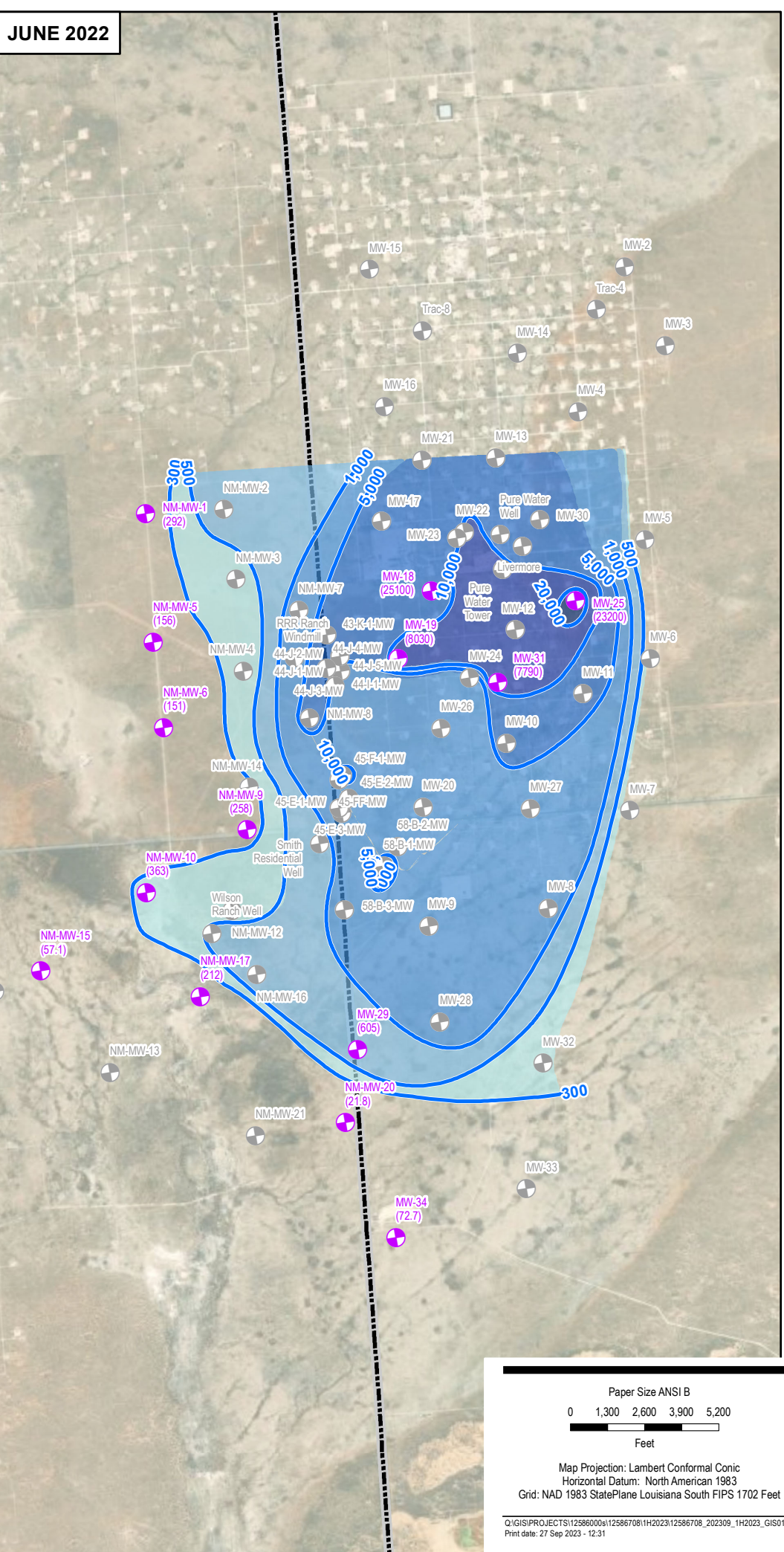
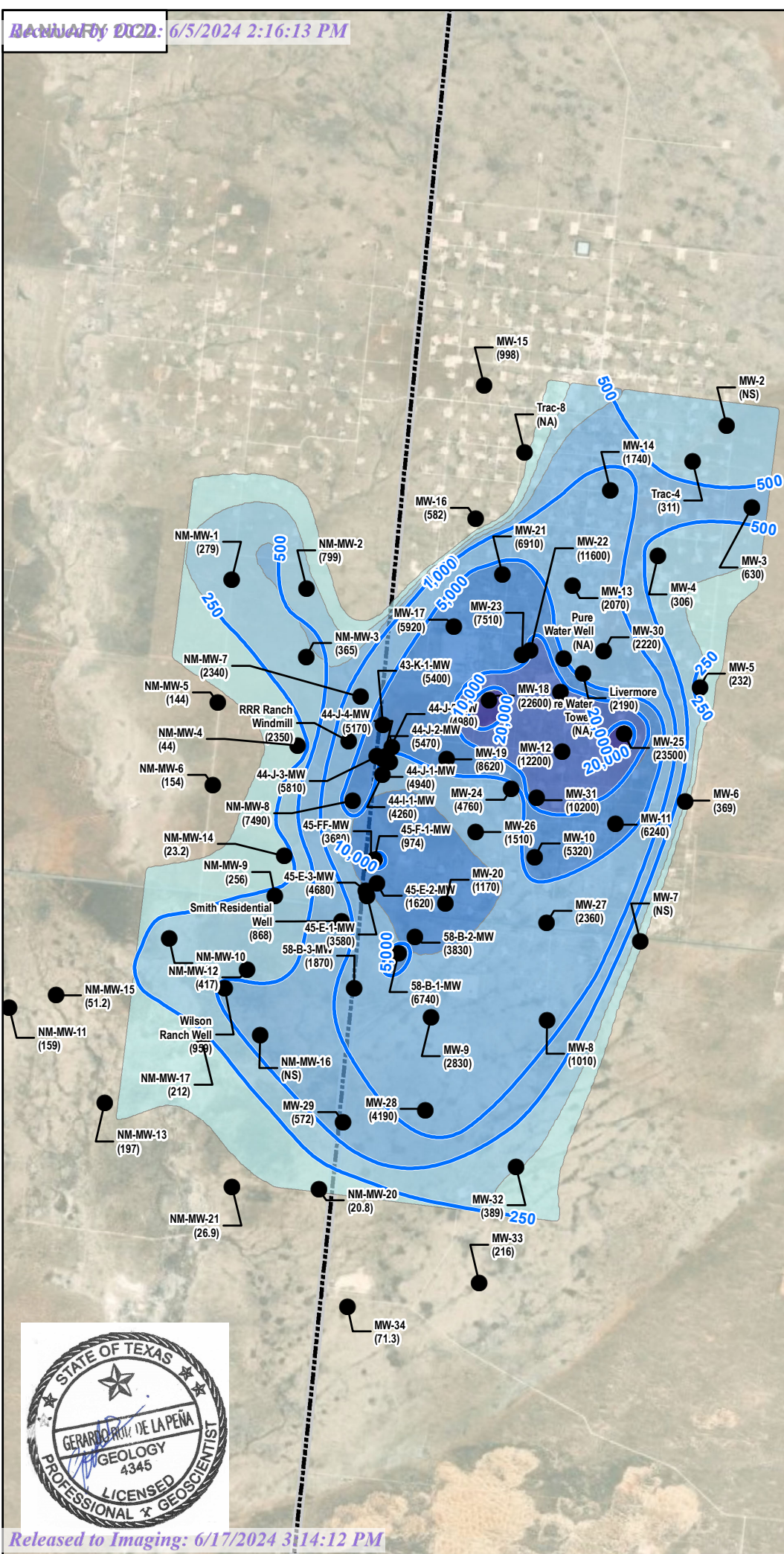
Paper Size ANSI B 0 750 1,500 2,250 3,000 Feet Map Projection: Transverse Mercator Horizontal Datum: North American 1983 Grid: NAD 1983 UTM Zone 13N			SCOUT ENERGY PARTNERS ANDREWS COUNTY, TEXAS DOLLARHIDE OIL FIELD UNIT MARCH 2023 SITE DETAILS AND MONITOR WELLS MAP	Project No. 12586708 Revision No. - Date Sep 20, 2023
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FIGURE 2









Paper Size ANSI B
0 1,300 2,600 3,900 5,200
Feet
Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane Louisiana South FIPS 1702 Feet

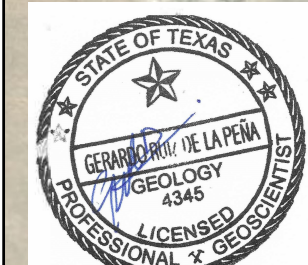


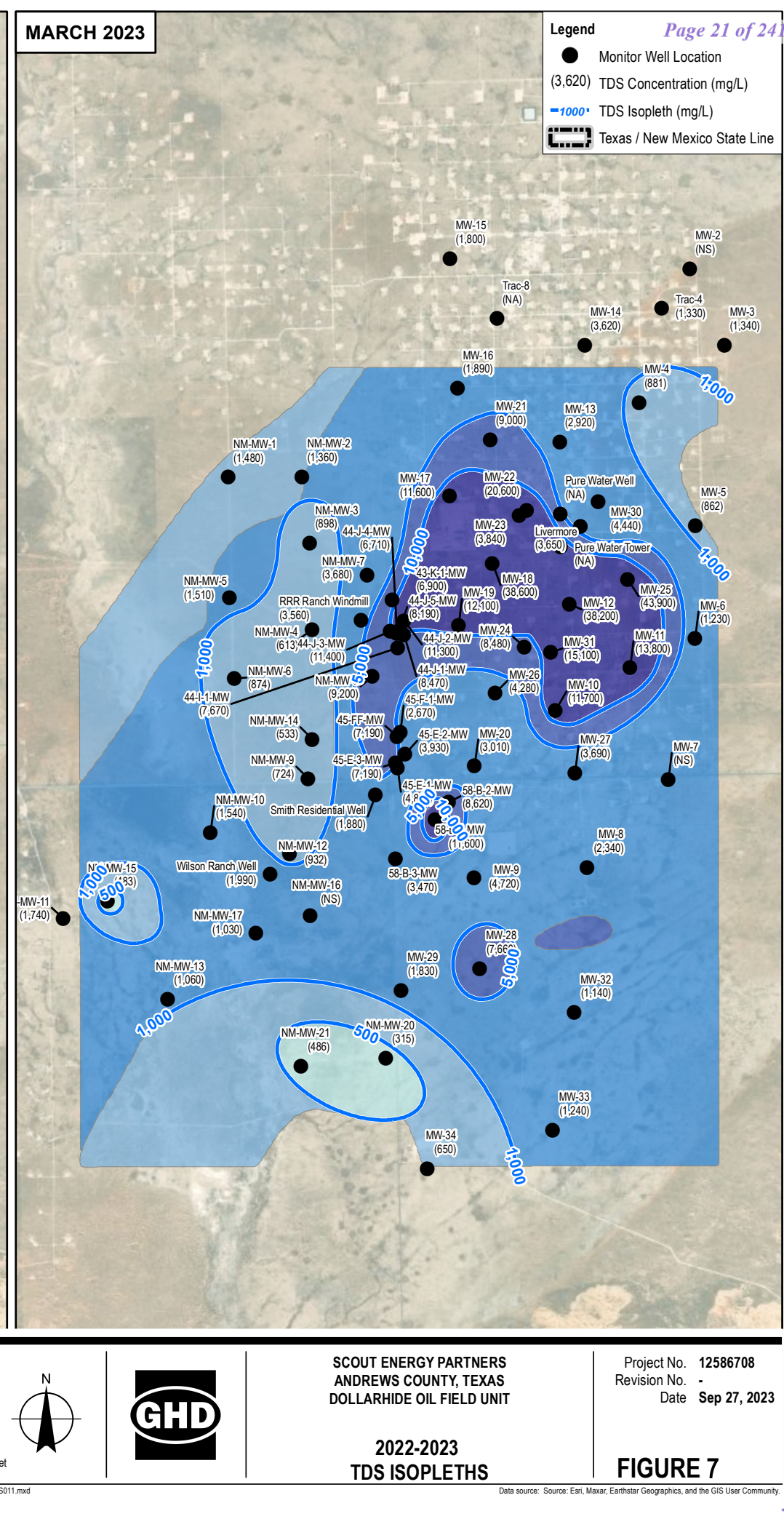
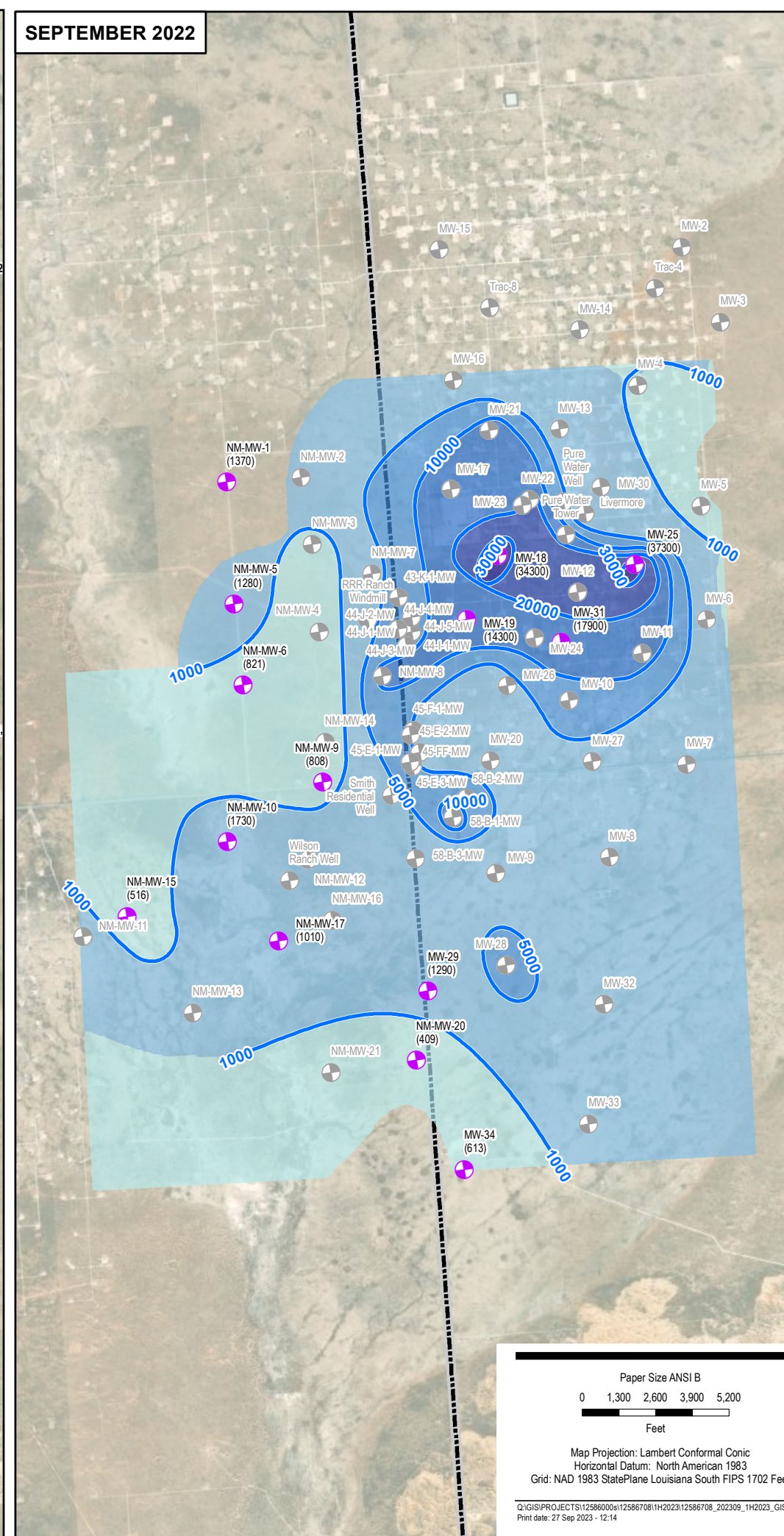
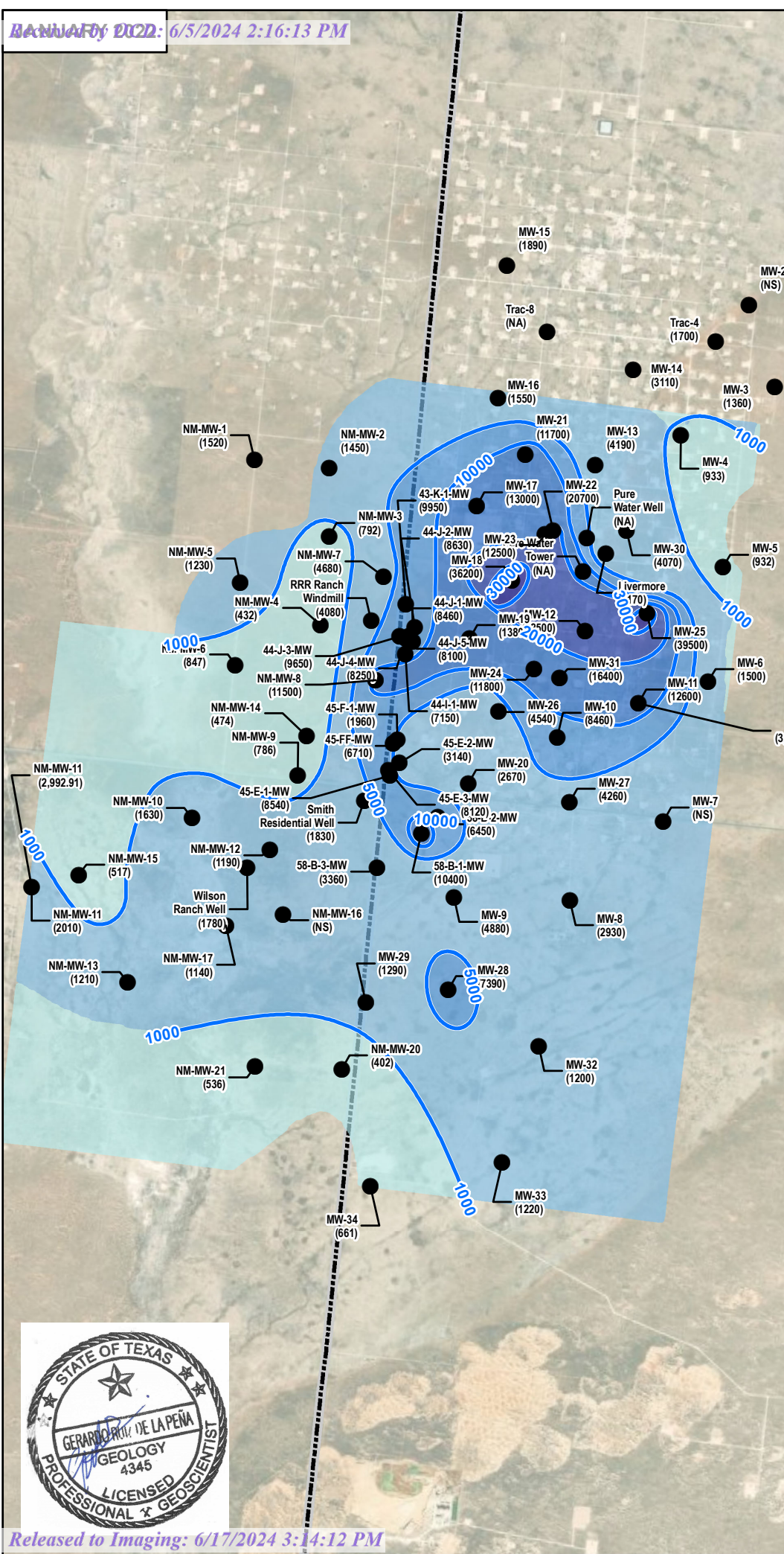
SCOUT ENERGY PARTNERS
ANDREWS COUNTY, TEXAS
DOLLARHIDE OIL FIELD UNIT

2022-2023
CHLORIDE ISOPLETHS

Project No. 12586708
Revision No. -
Date Sep 27, 2023

FIGURE 6





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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**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⁾
	7/14/2014	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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**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⁾
	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
	10/12/2020	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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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	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

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⁾
	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

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⁾
	7/20/2021	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

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⁾
	7/16/2014	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

March 2023 Groundwater Sample Analytical Laboratory Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/17/2023 10:31:13 AM

JOB DESCRIPTION

Dollarhide (Scout EM)
SDG NUMBER 12586708

JOB NUMBER

880-26624-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

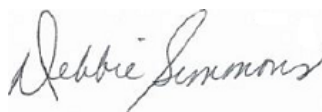
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
4/17/2023 10:31:13 AM

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

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Laboratory Job ID: 880-26624-1
SDG: 12586708

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
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
H	Sample was prepped or analyzed beyond the specified holding time
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.
α	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: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

Job ID: 880-26624-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26624-1

Comments

No additional comments.

Receipt

The samples were received on 3/31/2023 9:49 AM. 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 was 5.4° C.

General Chemistry

Method SM 2540C: Reanalysis of the following sample was performed outside of the analytical holding time due to Total Dissolved Solids and conductivity out of ratio: MW-32-W-232903 (880-26624-1).

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-98942 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recovery was within acceptance limits.

Method 300.0: The instrument blank/CCB for analytical batch 860-98942 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

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: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

Client Sample ID: MW-32-W-232903

Lab Sample ID: 880-26624-1

Date Collected: 03/29/23 10:55

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		0.500	0.250	mg/L			04/16/23 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1140	H	10.0	10.0	mg/L			04/11/23 15:44	1

Client Sample ID: MW-33-W-232903

Lab Sample ID: 880-26624-2

Date Collected: 03/29/23 10:25

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		0.500	0.250	mg/L			04/16/23 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1240		20.0	20.0	mg/L			04/05/23 16:39	1

Client Sample ID: MW-34-W-232903

Lab Sample ID: 880-26624-3

Date Collected: 03/29/23 10:30

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.9		0.500	0.250	mg/L			04/16/23 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	650		10.0	10.0	mg/L			04/05/23 16:41	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-98942/3

Matrix: Water

Analysis Batch: 98942

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/16/23 15:29	1

Lab Sample ID: LCS 860-98942/4

Matrix: Water

Analysis Batch: 98942

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	9.313		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-98942/5

Matrix: Water

Analysis Batch: 98942

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	9.288		mg/L		93	90 - 110	0	20

Lab Sample ID: LLCS 860-98942/7

Matrix: Water

Analysis Batch: 98942

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.00	0.5829		mg/L		58	50 - 150

Lab Sample ID: 880-26624-3 MS

Matrix: Water

Analysis Batch: 98942

Client Sample ID: MW-34-W-232903

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	70.9		10.0	73.51	4	mg/L		26	90 - 110

Lab Sample ID: 880-26624-3 MSD

Matrix: Water

Analysis Batch: 98942

Client Sample ID: MW-34-W-232903

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	70.9		10.0	73.54	4	mg/L		27	90 - 110	0	20

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

Lab Sample ID: MB 860-97467/1

Matrix: Water

Analysis Batch: 97467

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			04/05/23 16:39	1

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

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

Lab Sample ID: LCS 860-97467/2

Matrix: Water

Analysis Batch: 97467

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	1004		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-97467/3

Matrix: Water

Analysis Batch: 97467

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	989.0		mg/L		99	80 - 120	2	10

Lab Sample ID: LLCS 860-97467/4

Matrix: Water

Analysis Batch: 97467

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	6.500		mg/L		130	50 - 150

Lab Sample ID: 880-26579-A-11 DU

Matrix: Water

Analysis Batch: 97467

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1040		1051		mg/L		0.8	10

Lab Sample ID: MB 860-97468/1

Matrix: Water

Analysis Batch: 97468

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			04/05/23 16:41	1

Lab Sample ID: LCS 860-97468/2

Matrix: Water

Analysis Batch: 97468

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	1005		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-97468/3

Matrix: Water

Analysis Batch: 97468

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	1014		mg/L		101	80 - 120	1	10

Lab Sample ID: LLCS 860-97468/4

Matrix: Water

Analysis Batch: 97468

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	<5.00	U	mg/L		90	50 - 150

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

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

Lab Sample ID: 880-26624-3 DU

Matrix: Water

Analysis Batch: 97468

Client Sample ID: MW-34-W-232903

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	650		597.0		mg/L		9	10

Lab Sample ID: MB 860-98265/1

Matrix: Water

Analysis Batch: 98265

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			04/11/23 15:44	1

Lab Sample ID: LCS 860-98265/2

Matrix: Water

Analysis Batch: 98265

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	1009		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-98265/3

Matrix: Water

Analysis Batch: 98265

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	993.0		mg/L		99	80 - 120	2	10

Lab Sample ID: LLCS 860-98265/4

Matrix: Water

Analysis Batch: 98265

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	<5.00	U	mg/L		90	50 - 150

Lab Sample ID: 880-26790-B-1 DU

Matrix: Water

Analysis Batch: 98265

Client Sample ID: Duplicate

Prep Type: Total/NA

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

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

HPLC/IC

Analysis Batch: 98942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26624-1	MW-32-W-232903	Total/NA	Water	300.0	
880-26624-2	MW-33-W-232903	Total/NA	Water	300.0	
880-26624-3	MW-34-W-232903	Total/NA	Water	300.0	
MB 860-98942/3	Method Blank	Total/NA	Water	300.0	
LCS 860-98942/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-98942/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-98942/7	Lab Control Sample	Total/NA	Water	300.0	
880-26624-3 MS	MW-34-W-232903	Total/NA	Water	300.0	
880-26624-3 MSD	MW-34-W-232903	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 97467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26624-2	MW-33-W-232903	Total/NA	Water	SM 2540C	
MB 860-97467/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97467/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97467/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97467/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26579-A-11 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 97468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26624-3	MW-34-W-232903	Total/NA	Water	SM 2540C	
MB 860-97468/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97468/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97468/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97468/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26624-3 DU	MW-34-W-232903	Total/NA	Water	SM 2540C	

Analysis Batch: 98265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26624-1	MW-32-W-232903	Total/NA	Water	SM 2540C	
MB 860-98265/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98265/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98265/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98265/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26790-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

Client Sample ID: MW-32-W-232903
Date Collected: 03/29/23 10:55
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26624-1
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			98942	04/16/23 16:31	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	98265	04/11/23 15:44	DR	EET HOU

Client Sample ID: MW-33-W-232903
Date Collected: 03/29/23 10:25
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26624-2
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		1			98942	04/16/23 16:59	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97467	04/05/23 16:39	DR	EET HOU

Client Sample ID: MW-34-W-232903
Date Collected: 03/29/23 10:30
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26624-3
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		1			98942	04/16/23 16:10	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97468	04/05/23 16:41	DR	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: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-23-50	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

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

Protocol References:
EPA = US Environmental Protection Agency
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

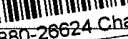
Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26624-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26624-1	MW-32-W-232903	Water	03/29/23 10:55	03/31/23 09:49
880-26624-2	MW-33-W-232903	Water	03/29/23 10:25	03/31/23 09:49
880-26624-3	MW-34-W-232903	Water	03/29/23 10:30	03/31/23 09:49

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

26624



880-26624 Chain of Custody

Eurofins Midland

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)			Sampler		Lab PM Simmons, Debbie		Carrier Tracking No(s):		COC No: 880-6666.1				
Client Contact: Shipping/Receiving			Phone:		E-Mail: Debbie.Simmons@et.eurofinsus.com		State of Origin Texas		Page: Page 1 of 1				
Company: Eurofins Environment Testing South Centr					Accreditations Required (See note): NELAP Texas					Job #: 880-26624-1			
Address: 4145 Greenbriar Dr			Due Date Requested: 4/7/2023		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:	
City: Stafford			TAT Requested (days):										
State, Zip: TX, 77477			PO #:										
Phone: 281-240-4200(Tel)			WO #:										
Email:			Project #: 88001699										
Project Name: Scout EM Dollarhide			SSOW#:										
Site:													
Sample Identification Client ID (Lab ID)			Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oi, DT=Tissue, Anal)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM, 280/ Chloride	2540C, Calcd/ Solids, Total Dissolved (TDS)	Total Number of Containers	Special Instructions/Note:	
MW-32-W-232903 (880-26624-1)			3/29/23	10:55 Central		Water		X	X		1		
MW-33-W-232903 (880-26624-2)			3/29/23	10:25 Central		Water		X	X		1		
MW-34-W-232903 (880-26624-3)			3/29/23	10:30 Central		Water		X	X		1		
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our 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: FedEX		Date/Time:		Company:	
Relinquished by: FedEX				Date/Time:		Company:		Received by:		Date/Time: 4/1/2023 9:36		Company: EX	
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:							

Temp: IR ID:HOU-344
C/F -0.2 1 4
Corrected Temp: 1 4

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26624-1

SDG Number: 12586708

Login Number: 26624

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: 880-26624-1

SDG Number: 12586708

Login Number: 26624

List Number: 2

Creator: Pena, Jesiel

List Source: Eurofins Houston

List Creation: 04/01/23 03:17 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	
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?	N/A	
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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/19/2023 5:42:47 PM

JOB DESCRIPTION

Dollarhide (Scout EM)
SDG NUMBER 12586708

JOB NUMBER

880-26625-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

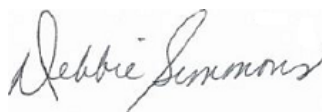
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
4/19/2023 5:42:47 PM

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

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Laboratory Job ID: 880-26625-1
SDG: 12586708

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
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
H	Sample was prepped or analyzed beyond the specified holding time
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.
α	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: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Job ID: 880-26625-1

Laboratory: Eurofins Midland

Narrative**Job Narrative
880-26625-1****Comments**

No additional comments.

Receipt

The samples were received on 3/31/2023 9:49 AM. 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 was 5.4° C.

General Chemistry

Method SM 2540C: Reanalysis of the following sample was performed outside of the analytical holding time due to Total Dissolved Solids and conductivity ratio is above 0.95: MW-28-W-232903 (880-26625-21).

Method 300.0: The instrument blank/CCB for analytical batch 860-98942 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The instrument blank/CCB for analytical batch 860-99155 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-44-J-3-W-232903 (880-26625-5), MW-44-J-1-W-232903 (880-26625-8) and MW-44-J-2-W-232903 (880-26625-10). Elevated reporting limits (RLs) are provided.

Methods 300.0, 9056A: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-58-B-1-W-232903 (880-26625-13). Elevated reporting limits (RLs) are provided.

Method 300.0: The instrument blank/CCB for analytical batch 860-99340 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The method blank for analytical batch 860-99340 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-45-E-2-W-232903

Lab Sample ID: 880-26625-1

Date Collected: 03/29/23 13:10

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1690		5.00	2.50	mg/L			04/16/23 18:42	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3930		40.0	40.0	mg/L			04/05/23 16:07	1

Client Sample ID: MW-45-E-1-W-232903

Lab Sample ID: 880-26625-2

Date Collected: 03/29/23 13:20

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		5.00	2.50	mg/L			04/16/23 18:49	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4840		40.0	40.0	mg/L			04/05/23 16:07	1

Client Sample ID: MW-45-F-1-W-232903

Lab Sample ID: 880-26625-3

Date Collected: 03/29/23 13:30

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1130		5.00	2.50	mg/L			04/16/23 18:56	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2670		20.0	20.0	mg/L			04/05/23 16:07	1

Client Sample ID: MW-44-J-4-W-232903

Lab Sample ID: 880-26625-4

Date Collected: 03/29/23 13:40

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4810		5.00	2.50	mg/L			04/16/23 19:03	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6710		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-44-J-3-W-232903

Lab Sample ID: 880-26625-5

Date Collected: 03/29/23 13:45

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5270		50.0	25.0	mg/L			04/18/23 04:46	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11400		100	100	mg/L			04/05/23 16:07	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-44-J-5-W-232903

Lab Sample ID: 880-26625-6

Date Collected: 03/29/23 14:00

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4580		5.00	2.50	mg/L			04/16/23 19:17	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8190		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-44-I-1-W-232903

Lab Sample ID: 880-26625-7

Date Collected: 03/29/23 14:05

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4520		5.00	2.50	mg/L			04/16/23 19:24	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7670		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-44-J-1-W-232903

Lab Sample ID: 880-26625-8

Date Collected: 03/29/23 14:10

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5120		50.0	25.0	mg/L			04/18/23 04:53	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8470		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-44-J-1-WD-232903

Lab Sample ID: 880-26625-9

Date Collected: 03/29/23 00:00

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4670		5.00	2.50	mg/L			04/16/23 22:59	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	10800		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-44-J-2-W-232903

Lab Sample ID: 880-26625-10

Date Collected: 03/29/23 14:15

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5210		50.0	25.0	mg/L			04/18/23 05:00	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11300		100	100	mg/L			04/05/23 16:07	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-43-K-1W-232903

Lab Sample ID: 880-26625-11

Date Collected: 03/29/23 14:25

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4660		5.00	2.50	mg/L			04/16/23 23:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6900		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-58-B-2-W-232903

Lab Sample ID: 880-26625-12

Date Collected: 03/29/23 12:40

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		5.00	2.50	mg/L			04/16/23 23:20	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8620		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-58-B-1-W-232903

Lab Sample ID: 880-26625-13

Date Collected: 03/29/23 12:45

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6480	b	50.0	25.0	mg/L			04/19/23 06:00	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11600		100	100	mg/L			04/05/23 16:07	1

Client Sample ID: MW-9-W-232903

Lab Sample ID: 880-26625-14

Date Collected: 03/29/23 11:50

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		5.00	2.50	mg/L			04/16/23 23:48	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4720		40.0	40.0	mg/L			04/05/23 16:07	1

Client Sample ID: NM-MW-6-W-232903

Lab Sample ID: 880-26625-15

Date Collected: 03/29/23 14:40

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		5.00	2.50	mg/L			04/16/23 23:55	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	874		10.0	10.0	mg/L			04/05/23 16:07	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: NM-MW-1-W-232903

Lab Sample ID: 880-26625-16

Date Collected: 03/29/23 15:00

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		5.00	2.50	mg/L			04/17/23 00:02	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1480		20.0	20.0	mg/L			04/05/23 16:07	1

Client Sample ID: NM-MW-5-W-232903

Lab Sample ID: 880-26625-17

Date Collected: 03/29/23 14:15

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		5.00	2.50	mg/L			04/17/23 00:08	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1510		20.0	20.0	mg/L			04/05/23 16:07	1

Client Sample ID: MW-29-W-232903

Lab Sample ID: 880-26625-18

Date Collected: 03/29/23 11:15

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	666		5.00	2.50	mg/L			04/17/23 00:43	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1830		20.0	20.0	mg/L			04/05/23 16:07	1

Client Sample ID: MW-27-W-232903

Lab Sample ID: 880-26625-19

Date Collected: 03/29/23 12:20

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2390		5.00	2.50	mg/L			04/17/23 01:04	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3690		40.0	40.0	mg/L			04/05/23 16:07	1

Client Sample ID: MW-8-W-232903

Lab Sample ID: 880-26625-20

Date Collected: 03/29/23 12:25

Matrix: Water

Date Received: 03/31/23 09:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		5.00	2.50	mg/L			04/17/23 01:11	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2340		40.0	40.0	mg/L			04/05/23 16:07	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-28-W-232903
Date Collected: 03/29/23 12:35
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-21
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4530		5.00	2.50	mg/L			04/17/23 01:18	10

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7660	H	100	100	mg/L			04/14/23 14:30	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-98942/3

Matrix: Water

Analysis Batch: 98942

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/16/23 15:29	1

Lab Sample ID: MB 860-98942/61

Matrix: Water

Analysis Batch: 98942

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/16/23 22:18	1

Lab Sample ID: LCS 860-98942/4

Matrix: Water

Analysis Batch: 98942

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	9.313		mg/L		93	90 - 110

Lab Sample ID: LCS 860-98942/62

Matrix: Water

Analysis Batch: 98942

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	9.315		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-98942/5

Matrix: Water

Analysis Batch: 98942

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	9.288		mg/L		93	90 - 110	0	20

Lab Sample ID: LCSD 860-98942/63

Matrix: Water

Analysis Batch: 98942

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	9.295		mg/L		93	90 - 110	0	20

Lab Sample ID: LLCS 860-98942/7

Matrix: Water

Analysis Batch: 98942

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.00	0.5829		mg/L		58	50 - 150

Lab Sample ID: MB 860-99155/3

Matrix: Water

Analysis Batch: 99155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/18/23 03:58	1

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-99155/4

Matrix: Water

Analysis Batch: 99155

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	9.597		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-99155/5

Matrix: Water

Analysis Batch: 99155

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	9.536		mg/L		95	90 - 110	1	20

Lab Sample ID: LLCS 860-99155/7

Matrix: Water

Analysis Batch: 99155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.00	0.5792		mg/L		58	50 - 150

Lab Sample ID: MB 860-99340/112

Matrix: Water

Analysis Batch: 99340

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.2600	J	0.500	0.250	mg/L			04/19/23 05:04	1

Lab Sample ID: MB 860-99340/3

Matrix: Water

Analysis Batch: 99340

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/18/23 15:28	1

Lab Sample ID: LCS 860-99340/113

Matrix: Water

Analysis Batch: 99340

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	9.470		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-99340/114

Matrix: Water

Analysis Batch: 99340

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	9.420		mg/L		94	90 - 110	1	20

Lab Sample ID: LLCS 860-99340/7

Matrix: Water

Analysis Batch: 99340

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	0.5758		mg/L		115	50 - 150

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

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

Lab Sample ID: MB 860-97462/1

Matrix: Water

Analysis Batch: 97462

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			04/05/23 16:07	1

Lab Sample ID: LCS 860-97462/2

Matrix: Water

Analysis Batch: 97462

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	1003		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-97462/3

Matrix: Water

Analysis Batch: 97462

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	1027		mg/L		103	80 - 120	2	10

Lab Sample ID: LLCS 860-97462/4

Matrix: Water

Analysis Batch: 97462

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	<5.00	U	mg/L		50	50 - 150

Lab Sample ID: 880-26625-1 DU

Matrix: Water

Analysis Batch: 97462

Client Sample ID: MW-45-E-2-W-232903

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	3930		4028		mg/L		3	10

Lab Sample ID: 880-26625-2 DU

Matrix: Water

Analysis Batch: 97462

Client Sample ID: MW-45-E-1-W-232903

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4840		4944		mg/L		2	10

Lab Sample ID: MB 860-97689/1

Matrix: Water

Analysis Batch: 97689

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			04/07/23 07:11	1

Lab Sample ID: LCS 860-97689/2

Matrix: Water

Analysis Batch: 97689

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	992.0		mg/L		99	80 - 120

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

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

Lab Sample ID: LCSD 860-97689/3

Matrix: Water

Analysis Batch: 97689

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	1006		mg/L		101	80 - 120	1	10

Lab Sample ID: LLCS 860-97689/4

Matrix: Water

Analysis Batch: 97689

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	<5.00	U	mg/L		80	50 - 150		

Lab Sample ID: MB 860-98265/1

Matrix: Water

Analysis Batch: 98265

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			04/11/23 15:44	1

Lab Sample ID: LCS 860-98265/2

Matrix: Water

Analysis Batch: 98265

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	1009		mg/L		101	80 - 120		

Lab Sample ID: LCSD 860-98265/3

Matrix: Water

Analysis Batch: 98265

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	993.0		mg/L		99	80 - 120	2	10

Lab Sample ID: LLCS 860-98265/4

Matrix: Water

Analysis Batch: 98265

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	<5.00	U	mg/L		90	50 - 150		

Lab Sample ID: MB 860-98834/1

Matrix: Water

Analysis Batch: 98834

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			04/14/23 14:30	1

Lab Sample ID: LCS 860-98834/2

Matrix: Water

Analysis Batch: 98834

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	1006		mg/L		101	80 - 120		

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

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

Lab Sample ID: LCSD 860-98834/3				Client Sample ID: Lab Control Sample Dup							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 98834											
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Total Dissolved Solids	1000	1005		mg/L		101	80 - 120	0	10		

Lab Sample ID: LLCS 860-98834/4				Client Sample ID: Lab Control Sample							
Matrix: Water				Prep Type: Total/NA							
Analysis Batch: 98834											
Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits				
Total Dissolved Solids	5.00	<5.00	U	mg/L		70	50 - 150				

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

HPLC/IC

Analysis Batch: 98942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26625-1	MW-45-E-2-W-232903	Total/NA	Water	300.0	
880-26625-2	MW-45-E-1-W-232903	Total/NA	Water	300.0	
880-26625-3	MW-45-F-1-W-232903	Total/NA	Water	300.0	
880-26625-4	MW-44-J-4-W-232903	Total/NA	Water	300.0	
880-26625-6	MW-44-J-5-W-232903	Total/NA	Water	300.0	
880-26625-7	MW-44-I-1-W-232903	Total/NA	Water	300.0	
880-26625-9	MW-44-J-1-WD-232903	Total/NA	Water	300.0	
880-26625-11	MW-43-K-1W-232903	Total/NA	Water	300.0	
880-26625-12	MW-58-B-2-W-232903	Total/NA	Water	300.0	
880-26625-14	MW-9-W-232903	Total/NA	Water	300.0	
880-26625-15	NM-MW-6-W-232903	Total/NA	Water	300.0	
880-26625-16	NM-MW-1-W-232903	Total/NA	Water	300.0	
880-26625-17	NM-MW-5-W-232903	Total/NA	Water	300.0	
880-26625-18	MW-29-W-232903	Total/NA	Water	300.0	
880-26625-19	MW-27-W-232903	Total/NA	Water	300.0	
880-26625-20	MW-8-W-232903	Total/NA	Water	300.0	
880-26625-21	MW-28-W-232903	Total/NA	Water	300.0	
MB 860-98942/3	Method Blank	Total/NA	Water	300.0	
MB 860-98942/61	Method Blank	Total/NA	Water	300.0	
LCS 860-98942/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-98942/62	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-98942/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-98942/63	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-98942/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 99155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26625-5 - DL	MW-44-J-3-W-232903	Total/NA	Water	300.0	
880-26625-8 - DL	MW-44-J-1-W-232903	Total/NA	Water	300.0	
880-26625-10 - DL	MW-44-J-2-W-232903	Total/NA	Water	300.0	
MB 860-99155/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99155/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99155/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99155/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 99340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26625-13	MW-58-B-1-W-232903	Total/NA	Water	300.0	
MB 860-99340/112	Method Blank	Total/NA	Water	300.0	
MB 860-99340/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99340/113	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99340/114	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99340/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 97462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26625-1	MW-45-E-2-W-232903	Total/NA	Water	SM 2540C	
880-26625-2	MW-45-E-1-W-232903	Total/NA	Water	SM 2540C	
880-26625-3	MW-45-F-1-W-232903	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

General Chemistry (Continued)

Analysis Batch: 97462 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26625-4	MW-44-J-4-W-232903	Total/NA	Water	SM 2540C	
880-26625-5	MW-44-J-3-W-232903	Total/NA	Water	SM 2540C	
880-26625-6	MW-44-J-5-W-232903	Total/NA	Water	SM 2540C	
880-26625-7	MW-44-I-1-W-232903	Total/NA	Water	SM 2540C	
880-26625-8	MW-44-J-1-W-232903	Total/NA	Water	SM 2540C	
880-26625-9	MW-44-J-1-WD-232903	Total/NA	Water	SM 2540C	
880-26625-10	MW-44-J-2-W-232903	Total/NA	Water	SM 2540C	
880-26625-11	MW-43-K-1W-232903	Total/NA	Water	SM 2540C	
880-26625-12	MW-58-B-2-W-232903	Total/NA	Water	SM 2540C	
880-26625-13	MW-58-B-1-W-232903	Total/NA	Water	SM 2540C	
880-26625-14	MW-9-W-232903	Total/NA	Water	SM 2540C	
880-26625-15	NM-MW-6-W-232903	Total/NA	Water	SM 2540C	
880-26625-16	NM-MW-1-W-232903	Total/NA	Water	SM 2540C	
880-26625-17	NM-MW-5-W-232903	Total/NA	Water	SM 2540C	
880-26625-18	MW-29-W-232903	Total/NA	Water	SM 2540C	
880-26625-19	MW-27-W-232903	Total/NA	Water	SM 2540C	
880-26625-20	MW-8-W-232903	Total/NA	Water	SM 2540C	
MB 860-97462/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97462/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97462/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97462/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26625-1 DU	MW-45-E-2-W-232903	Total/NA	Water	SM 2540C	
880-26625-2 DU	MW-45-E-1-W-232903	Total/NA	Water	SM 2540C	

Analysis Batch: 97689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-97689/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97689/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97689/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97689/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 98265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-98265/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98265/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98265/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98265/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 98834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26625-21	MW-28-W-232903	Total/NA	Water	SM 2540C	
MB 860-98834/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98834/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98834/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98834/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-45-E-2-W-232903**Lab Sample ID: 880-26625-1****Date Collected: 03/29/23 13:10****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 18:42	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-45-E-1-W-232903**Lab Sample ID: 880-26625-2****Date Collected: 03/29/23 13:20****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 18:49	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-45-F-1-W-232903**Lab Sample ID: 880-26625-3****Date Collected: 03/29/23 13:30****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 18:56	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-44-J-4-W-232903**Lab Sample ID: 880-26625-4****Date Collected: 03/29/23 13:40****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 19:03	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-44-J-3-W-232903**Lab Sample ID: 880-26625-5****Date Collected: 03/29/23 13:45****Matrix: Water****Date Received: 03/31/23 09:49**

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	DL	100			99155	04/18/23 04:46	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-44-J-5-W-232903**Lab Sample ID: 880-26625-6****Date Collected: 03/29/23 14:00****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 19:17	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-44-I-1-W-232903**Lab Sample ID: 880-26625-7****Date Collected: 03/29/23 14:05****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 19:24	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-44-J-1-W-232903**Lab Sample ID: 880-26625-8****Date Collected: 03/29/23 14:10****Matrix: Water****Date Received: 03/31/23 09:49**

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	DL	100			99155	04/18/23 04:53	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-44-J-1-WD-232903**Lab Sample ID: 880-26625-9****Date Collected: 03/29/23 00:00****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 22:59	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-44-J-2-W-232903**Lab Sample ID: 880-26625-10****Date Collected: 03/29/23 14:15****Matrix: Water****Date Received: 03/31/23 09:49**

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	DL	100			99155	04/18/23 05:00	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-43-K-1W-232903**Lab Sample ID: 880-26625-11****Date Collected: 03/29/23 14:25****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 23:13	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-58-B-2-W-232903**Lab Sample ID: 880-26625-12****Date Collected: 03/29/23 12:40****Matrix: Water****Date Received: 03/31/23 09:49**

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			98942	04/16/23 23:20	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-58-B-1-W-232903
Date Collected: 03/29/23 12:45
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-13
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			99340	04/19/23 06:00	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-9-W-232903
Date Collected: 03/29/23 11:50
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-14
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			98942	04/16/23 23:48	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: NM-MW-6-W-232903
Date Collected: 03/29/23 14:40
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-15
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			98942	04/16/23 23:55	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: NM-MW-1-W-232903
Date Collected: 03/29/23 15:00
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-16
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			98942	04/17/23 00:02	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: NM-MW-5-W-232903
Date Collected: 03/29/23 14:15
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-17
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			98942	04/17/23 00:08	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-29-W-232903
Date Collected: 03/29/23 11:15
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-18
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			98942	04/17/23 00:43	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Client Sample ID: MW-27-W-232903
Date Collected: 03/29/23 12:20
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-19
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			98942	04/17/23 01:04	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-8-W-232903
Date Collected: 03/29/23 12:25
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-20
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			98942	04/17/23 01:11	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97462	04/05/23 16:07	DR	EET HOU

Client Sample ID: MW-28-W-232903
Date Collected: 03/29/23 12:35
Date Received: 03/31/23 09:49

Lab Sample ID: 880-26625-21
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			98942	04/17/23 01:18	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98834	04/14/23 14:30	DR	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: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-23-50	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

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Method Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

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

Protocol References:

- EPA = US Environmental Protection Agency
- 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

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Sample Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26625-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26625-1	MW-45-E-2-W-232903	Water	03/29/23 13:10	03/31/23 09:49
880-26625-2	MW-45-E-1-W-232903	Water	03/29/23 13:20	03/31/23 09:49
880-26625-3	MW-45-F-1-W-232903	Water	03/29/23 13:30	03/31/23 09:49
880-26625-4	MW-44-J-4-W-232903	Water	03/29/23 13:40	03/31/23 09:49
880-26625-5	MW-44-J-3-W-232903	Water	03/29/23 13:45	03/31/23 09:49
880-26625-6	MW-44-J-5-W-232903	Water	03/29/23 14:00	03/31/23 09:49
880-26625-7	MW-44-I-1-W-232903	Water	03/29/23 14:05	03/31/23 09:49
880-26625-8	MW-44-J-1-W-232903	Water	03/29/23 14:10	03/31/23 09:49
880-26625-9	MW-44-J-1-WD-232903	Water	03/29/23 00:00	03/31/23 09:49
880-26625-10	MW-44-J-2-W-232903	Water	03/29/23 14:15	03/31/23 09:49
880-26625-11	MW-43-K-1W-232903	Water	03/29/23 14:25	03/31/23 09:49
880-26625-12	MW-58-B-2-W-232903	Water	03/29/23 12:40	03/31/23 09:49
880-26625-13	MW-58-B-1-W-232903	Water	03/29/23 12:45	03/31/23 09:49
880-26625-14	MW-9-W-232903	Water	03/29/23 11:50	03/31/23 09:49
880-26625-15	NM-MW-6-W-232903	Water	03/29/23 14:40	03/31/23 09:49
880-26625-16	NM-MW-1-W-232903	Water	03/29/23 15:00	03/31/23 09:49
880-26625-17	NM-MW-5-W-232903	Water	03/29/23 14:15	03/31/23 09:49
880-26625-18	MW-29-W-232903	Water	03/29/23 11:15	03/31/23 09:49
880-26625-19	MW-27-W-232903	Water	03/29/23 12:20	03/31/23 09:49
880-26625-20	MW-8-W-232903	Water	03/29/23 12:25	03/31/23 09:49
880-26625-21	MW-28-W-232903	Water	03/29/23 12:35	03/31/23 09:49

Eurofins Midland

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

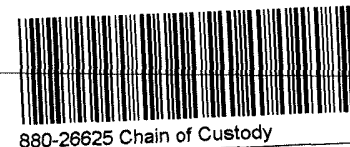
Chain of Custody Record

eurofins

26625

Environment Test ng

Client Information		Sampler	Lab PM	Carrier Tracking No(s)	COC No					
Client Contact Christopher Knight		Phone 432-557-0211	Simmons Debbie	E-Mail: Debbie.Simmons@eurofins.com	880-5502-730 1					
Company GHD Services Inc		PWSID	State of Origin		Page ____ of ____					
Address 2135 South Loop 250 West		Due Date Requested	Analysis Requested							
City Midland		TAT Requested (days)	Job #							
State Zip TX 79703		Compliance Project: ☐ Yes ☐ No	Preservation Codes							
Phone		PO # 340-008333	A HCL M Hexane							
Email: christopher.knight@ghd.com		WO # 12586708	B NaOH N None							
Project Name Scout EM Dollarhide		Project # 88001699	C Zn Acetate O AsNaO2							
Site:		SSOW#	D Nitric Acid P Na2O4S							
			E NaHSO4 Q Na2SO3							
			F MeOH S H2SO4							
			G Amchlor T TSP Dodecahydrate							
			H Ascorbic Acid U Acetone							
			I Ice V MCAA							
			J DI Water W pH 4-5							
			K EDTA Y Trizma							
			L EDA Z other (specify)							
			Other:							
			Special Instructions/Note							
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab) BT=Tissue, A=Air	Matrix (W=water, S=solid, O=waste/oil)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TDS (2540C, Calcd)	Chloride (300_ORGFM, 28D)	Total Number of containers
MW-45-E-2-W-232903		3-29-23	13:10	6	Water	N	N	X	X	X
MW-45-E-1-W-232903			13:20		Water	N	N			
MW-45-F-1-W-232903			13:30		Water					
MW-44-J-4-W-232903			13:40		Water					
MW-44-J-3-W-232903			13:45		Water					
MW-44-J-5-W-232903			14:00		Water					
MW-44-J-1-W-232903			14:05		Water					
MW-44-J-1-W-232903			14:10		Water					
MW-44-J-1-WD-232903			-		Water					
MW-44-J-2-W-232903			14:15		Water					
MW-44-J-2-W-232903			14:25		Water					
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: <i>Christopher Knight</i>		Date/Time: 3-31-23 19:45	Company		Received by: <i>[Signature]</i>		Date/Time: 3/31/23	Company		
Relinquished by		Date/Time	Company		Received by		Date/Time: 949	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 5.7/5.4						



880-26625 Chain of Custody

Eurofins Midland

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

Chain of Custody Record

eurofins

Environment Test

26625

Client Information		Sampler		Lab PM		Carrier Tracking No(s)		COC No			
Client Contact: Christopher Knight		Phone 432-557-0215		Simmons Debbie		E-Mail: Debbie.Simmons@et.eurofinsus.com		880-5502-730 1			
Company GHD Services Inc		PWSID				State of Origin.		Page Page ____ of ____			
Address 2135 South Loop 250 West		Due Date Requested				Analysis Requested		Job #			
City Midland		TAT Requested (days)						Preservation Codes			
State Zip TX 79703		Compliance Project: ☐ Yes ☐ No						A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH S H2SO4 G Amchlor T TSP Dodecahydrate H Ascorbic Acid U Acetone I Ice V MCAA J DI Water W pH 4-5 K EDTA Y Trizma L EDA Z other (specify)			
Phone		PO # 340-008333						Other:			
Email: christopher.knight@ghd.com		WO # 12586708									
Project Name Scout EM Dollarhide		Project # 88001699									
Site		SSOW#									
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, ST=tissue, A=air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TDS (2540C_Calcd)	Chloride (300_ORGM_280)	Total Number of containers	Special Instructions/Note
MW-43-K-1-W-232903		3-29-23	14:25	G	Water	N	N				
MW-58-B-2-W-232903			12:40		Water	N	N				
MW-58-B-1-W-232903			12:45		Water						
MW-9-W-232903			11:50		Water						
NM-MW-6-W-232903			14:40		Water						
NM-MW-1-W-232903			15:00		Water						
NM-MW-5-W-232903			14:15		Water						
MW-29-W-232903			11:15		Water						
MW-27-W-232903			12:20		Water						
MW-8-W-232903			12:25		Water						
MW-28-W-232903			12:35		Water						
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											
Relinquished by											
Relinquished by											
Relinquished by											
Custody Seals Intact ☐ Yes ☐ No											
Custody Seal No											
Cooler Temperature(s) °C and Other Remarks											

Loc: 880
26625

Eurofins Midland

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

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler		Lab PM: Simmons, Debbie		Carrier Tracking No(s):		COC No: 880-6666.1	
Client Contact: Shipping/Receiving		Phone:		E-Mail: Debbie.Simmons@et.eurofinsus.com		State of Origin: Texas		Page: Page 1 of 3	
Company: Eurofins Environment Testing South Central				Accreditations Required (See note): NELAP Texas				Job #: 880-26625-1	
Address: 4145 Greenbriar Dr		Due Date Requested: 4/7/2023		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)	
City: Stafford		TAT Requested (days):							
State, Zip: TX, 77477		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	
Phone: 281-240-4200(Tel)		WO #:		300_ORGFM_28DI Chloride		300_Caled Solids, Total Dissolved (TDS)		Other:	
Email:		Project # 88001699							
Project Name: Scout EM Dollarhide		SSOW#:							
Site:									
Sample Identification Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, A=air)	Special Instructions/Note:			
MW-45-E-2-W-232903 (880-26625-1)		3/29/23	13:10 Central		Water	X	X		1
MW-45-E-1-W-232903 (880-26625-2)		3/29/23	13:20 Central		Water	X	X		1
MW-45-F 1-W-232903 (880-26625-3)		3/29/23	13:30 Central		Water	X	X		1
MW-44-J-4-W-232903 (880-26625-4)		3/29/23	13:40 Central		Water	X	X		1
MW-44-J-3-W-232903 (880-26625-5)		3/29/23	13:45 Central		Water	X	X		1
MW-44-J-5-W-232903 (880-26625-6)		3/29/23	14:00 Central		Water	X	X		1
MW-44-I-1-W-232903 (880-26625-7)		3/29/23	14:05 Central		Water	X	X		1
MW-44-J-1-W-232903 (880-26625-8)		3/29/23	14:10 Central		Water	X	X		1
MW-44-J-1-WD-232903 (880-26625-9)		3/29/23	Central		Water	X	X		1
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our 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)					Special Instructions/QC Requirements:				
Primary Deliverable Rank: 2									
Empty Kit Relinquished by:			Date:	Time:		Method of Shipment:			
Relinquished by:			Date/Time:	Company:	Received by: FedEX		Date/Time:	Company:	
Relinquished by: FedEX			Date/Time:	Company:	Received by:		Date/Time: 4/1/2023 9:36	Company: EX	
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:					

Temp: IR ID: HOU-344
C/F: -0.2 16
Corrected Temp. 14

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26625-1

SDG Number: 12586708

Login Number: 26625

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	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26625-1

SDG Number: 12586708

Login Number: 26625

List Number: 2

Creator: Pena, Jesiel

List Source: Eurofins Houston

List Creation: 04/01/23 03:17 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	
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?	N/A	
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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/20/2023 11:09:29 AM

JOB DESCRIPTION

Dollarhide (Scout EM)
SDG NUMBER 12586708

JOB NUMBER

880-26666-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

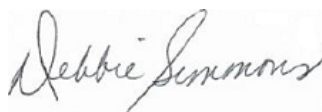
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
4/20/2023 11:09:29 AM

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

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Laboratory Job ID: 880-26666-1
SDG: 12586708

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
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.
α	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: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Job ID: 880-26666-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-26666-1

Receipt

The samples were received on 3/31/2023 4:39 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 4.5°C

HPLC/IC

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-99155 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-99359 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) 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.

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Client Sample ID: NM-MW-15-W-233003

Lab Sample ID: 880-26666-1

Date Collected: 03/30/23 12:45

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.1		0.500	0.250	mg/L			04/18/23 06:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	483		10.0	10.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-11-W-233003

Lab Sample ID: 880-26666-2

Date Collected: 03/30/23 12:27

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		0.500	0.250	mg/L			04/18/23 06:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1740		20.0	20.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-12-W-233103

Lab Sample ID: 880-26666-3

Date Collected: 03/31/23 13:35

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	368		0.500	0.250	mg/L			04/18/23 21:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	932		10.0	10.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-13-W-233103

Lab Sample ID: 880-26666-4

Date Collected: 03/31/23 13:55

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		0.500	0.250	mg/L			04/18/23 21:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1060		10.0	10.0	mg/L			04/07/23 07:11	1

Client Sample ID: NM-MW-17-W-233103

Lab Sample ID: 880-26666-5

Date Collected: 03/31/23 14:00

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		0.500	0.250	mg/L			04/18/23 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1030		10.0	10.0	mg/L			04/06/23 06:39	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Client Sample ID: NM-MW-20-W-233103
Date Collected: 03/31/23 14:20
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26666-6
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		0.500	0.250	mg/L			04/18/23 22:03	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	315		10.0	10.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-21-W-233103
Date Collected: 03/31/23 14:30
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26666-7
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.8		0.500	0.250	mg/L			04/20/23 07:15	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	486		10.0	10.0	mg/L			04/07/23 07:11	1

Client Sample ID: NM-MW-11-WD-233103
Date Collected: 03/31/23 00:00
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26666-8
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.1		0.500	0.250	mg/L			04/18/23 22:11	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1960		20.0	20.0	mg/L			04/07/23 07:11	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-99155/3										Client Sample ID: Method Blank									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99155																			
Analyte		MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac									
Chloride		<0.250	U	0.500	0.250	mg/L			04/18/23 03:58	1									
Lab Sample ID: LCS 860-99155/4										Client Sample ID: Lab Control Sample									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99155																			
Analyte		Spike Added		LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits										
Chloride		10.0		9.597		mg/L		96	90 - 110										
Lab Sample ID: LCSD 860-99155/5										Client Sample ID: Lab Control Sample Dup									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99155																			
Analyte		Spike Added		LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit								
Chloride		10.0		9.536		mg/L		95	90 - 110	1	20								
Lab Sample ID: LLCS 860-99155/7										Client Sample ID: Lab Control Sample									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99155																			
Analyte		Spike Added		LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits										
Chloride		1.00		0.5792		mg/L		58	50 - 150										
Lab Sample ID: MB 860-99359/13										Client Sample ID: Method Blank									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99359																			
Analyte		MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac									
Chloride		<0.250	U	0.500	0.250	mg/L			04/18/23 17:16	1									
Lab Sample ID: LCS 860-99359/14										Client Sample ID: Lab Control Sample									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99359																			
Analyte		Spike Added		LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits										
Chloride		10.0		9.972		mg/L		100	90 - 110										
Lab Sample ID: LCSD 860-99359/15										Client Sample ID: Lab Control Sample Dup									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99359																			
Analyte		Spike Added		LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit								
Chloride		10.0		9.978		mg/L		100	90 - 110	0	20								
Lab Sample ID: LLCS 860-99359/17										Client Sample ID: Lab Control Sample									
Matrix: Water										Prep Type: Total/NA									
Analysis Batch: 99359																			
Analyte		Spike Added		LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits										
Chloride		0.500		0.5972		mg/L		119	50 - 150										

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26666-3 MS

Matrix: Water

Analysis Batch: 99359

Client Sample ID: NM-MW-12-W-233103

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	368		10.0	370.3	4	mg/L		19	90 - 110

Lab Sample ID: 880-26666-3 MSD

Matrix: Water

Analysis Batch: 99359

Client Sample ID: NM-MW-12-W-233103

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	368		10.0	375.0	4	mg/L		66	90 - 110	1	20

Lab Sample ID: MB 860-99475/128

Matrix: Water

Analysis Batch: 99475

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/20/23 05:59	1

Lab Sample ID: MB 860-99475/3

Matrix: Water

Analysis Batch: 99475

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/19/23 14:43	1

Lab Sample ID: LCS 860-99475/129

Matrix: Water

Analysis Batch: 99475

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	9.335		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-99475/130

Matrix: Water

Analysis Batch: 99475

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	9.244		mg/L		92	90 - 110	1	20

Lab Sample ID: LLCS 860-99475/7

Matrix: Water

Analysis Batch: 99475

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	0.6004		mg/L		120	50 - 150

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

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

Lab Sample ID: MB 860-97681/1

Matrix: Water

Analysis Batch: 97681

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			04/06/23 06:39	1

Lab Sample ID: LCS 860-97681/2

Matrix: Water

Analysis Batch: 97681

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	1017		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-97681/3

Matrix: Water

Analysis Batch: 97681

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	996.0		mg/L		100	80 - 120	2	10

Lab Sample ID: LLCS 860-97681/4

Matrix: Water

Analysis Batch: 97681

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	<5.00	U	mg/L		70	50 - 150

Lab Sample ID: 880-26666-1 DU

Matrix: Water

Analysis Batch: 97681

Client Sample ID: NM-MW-15-W-233003

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	483		450.0		mg/L		7	10

Lab Sample ID: MB 860-97689/1

Matrix: Water

Analysis Batch: 97689

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			04/07/23 07:11	1

Lab Sample ID: LCS 860-97689/2

Matrix: Water

Analysis Batch: 97689

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	992.0		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-97689/3

Matrix: Water

Analysis Batch: 97689

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	1006		mg/L		101	80 - 120	1	10

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

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

Lab Sample ID: LLCS 860-97689/4						Client Sample ID: Lab Control Sample						
Matrix: Water						Prep Type: Total/NA						
Analysis Batch: 97689												
Analyte				Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids				5.00	<5.00	U	mg/L		80	50 - 150		

Lab Sample ID: 880-26666-4 DU						Client Sample ID: NM-MW-13-W-233103						
Matrix: Water						Prep Type: Total/NA						
Analysis Batch: 97689												
Analyte	Sample Result	Sample Qualifier			DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1060				1110		mg/L				5	10

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

HPLC/IC

Analysis Batch: 99155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26666-1	NM-MW-15-W-233003	Total/NA	Water	300.0	
880-26666-2	NM-MW-11-W-233003	Total/NA	Water	300.0	
MB 860-99155/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99155/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99155/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99155/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 99359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26666-3	NM-MW-12-W-233103	Total/NA	Water	300.0	
880-26666-4	NM-MW-13-W-233103	Total/NA	Water	300.0	
880-26666-5	NM-MW-17-W-233103	Total/NA	Water	300.0	
880-26666-6	NM-MW-20-W-233103	Total/NA	Water	300.0	
880-26666-8	NM-MW-11-WD-233103	Total/NA	Water	300.0	
MB 860-99359/13	Method Blank	Total/NA	Water	300.0	
LCS 860-99359/14	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99359/15	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99359/17	Lab Control Sample	Total/NA	Water	300.0	
880-26666-3 MS	NM-MW-12-W-233103	Total/NA	Water	300.0	
880-26666-3 MSD	NM-MW-12-W-233103	Total/NA	Water	300.0	

Analysis Batch: 99475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26666-7	NM-MW-21-W-233103	Total/NA	Water	300.0	
MB 860-99475/128	Method Blank	Total/NA	Water	300.0	
MB 860-99475/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99475/129	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99475/130	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99475/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 97681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26666-1	NM-MW-15-W-233003	Total/NA	Water	SM 2540C	
880-26666-2	NM-MW-11-W-233003	Total/NA	Water	SM 2540C	
880-26666-3	NM-MW-12-W-233103	Total/NA	Water	SM 2540C	
880-26666-5	NM-MW-17-W-233103	Total/NA	Water	SM 2540C	
880-26666-6	NM-MW-20-W-233103	Total/NA	Water	SM 2540C	
MB 860-97681/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97681/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97681/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97681/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26666-1 DU	NM-MW-15-W-233003	Total/NA	Water	SM 2540C	

Analysis Batch: 97689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26666-4	NM-MW-13-W-233103	Total/NA	Water	SM 2540C	
880-26666-7	NM-MW-21-W-233103	Total/NA	Water	SM 2540C	
880-26666-8	NM-MW-11-WD-233103	Total/NA	Water	SM 2540C	
MB 860-97689/1	Method Blank	Total/NA	Water	SM 2540C	

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

General Chemistry (Continued)

Analysis Batch: 97689 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-97689/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97689/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97689/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26666-4 DU	NM-MW-13-W-233103	Total/NA	Water	SM 2540C	

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Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Client Sample ID: NM-MW-15-W-233003**Lab Sample ID: 880-26666-1****Date Collected: 03/30/23 12:45****Matrix: Water****Date Received: 03/31/23 16:39**

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			99155	04/18/23 06:51	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-11-W-233003**Lab Sample ID: 880-26666-2****Date Collected: 03/30/23 12:27****Matrix: Water****Date Received: 03/31/23 16:39**

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			99155	04/18/23 06:58	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-12-W-233103**Lab Sample ID: 880-26666-3****Date Collected: 03/31/23 13:35****Matrix: Water****Date Received: 03/31/23 16:39**

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			99359	04/18/23 21:26	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-13-W-233103**Lab Sample ID: 880-26666-4****Date Collected: 03/31/23 13:55****Matrix: Water****Date Received: 03/31/23 16:39**

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			99359	04/18/23 21:48	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97689	04/07/23 07:11	DR	EET HOU

Client Sample ID: NM-MW-17-W-233103**Lab Sample ID: 880-26666-5****Date Collected: 03/31/23 14:00****Matrix: Water****Date Received: 03/31/23 16:39**

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			99359	04/18/23 21:56	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-20-W-233103**Lab Sample ID: 880-26666-6****Date Collected: 03/31/23 14:20****Matrix: Water****Date Received: 03/31/23 16:39**

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			99359	04/18/23 22:03	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Client Sample ID: NM-MW-21-W-233103
Date Collected: 03/31/23 14:30
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26666-7
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			99475	04/20/23 07:15	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97689	04/07/23 07:11	DR	EET HOU

Client Sample ID: NM-MW-11-WD-233103
Date Collected: 03/31/23 00:00
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26666-8
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			99359	04/18/23 22:11	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97689	04/07/23 07:11	DR	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: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-23-50	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

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Method Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

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

Protocol References:

- EPA = US Environmental Protection Agency
- 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: Dollarhide (Scout EM)

Job ID: 880-26666-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26666-1	NM-MW-15-W-233003	Water	03/30/23 12:45	03/31/23 16:39
880-26666-2	NM-MW-11-W-233003	Water	03/30/23 12:27	03/31/23 16:39
880-26666-3	NM-MW-12-W-233103	Water	03/31/23 13:35	03/31/23 16:39
880-26666-4	NM-MW-13-W-233103	Water	03/31/23 13:55	03/31/23 16:39
880-26666-5	NM-MW-17-W-233103	Water	03/31/23 14:00	03/31/23 16:39
880-26666-6	NM-MW-20-W-233103	Water	03/31/23 14:20	03/31/23 16:39
880-26666-7	NM-MW-21-W-233103	Water	03/31/23 14:30	03/31/23 16:39
880-26666-8	NM-MW-11-WD-233103	Water	03/31/23 00:00	03/31/23 16:39

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Eurofins Midland

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

Chain of Custody Record

eurofins

Environment Testing

Client Information		Sampler: <u>Mitch Clowen</u>		Lab PM: <u>Simmons Debbie</u>		Carrier Tracking No(s)		COC No: <u>880-5502-730 1</u>															
Client Contact: <u>Christopher Knight</u>		Phone: <u>432-557-0215</u>		E-Mail: <u>Debbie Simmons@et.eurofinsus.com</u>		State of Origin:		Page: <u>1</u> of <u>1</u>															
Company: <u>GHD Services Inc</u>		PWSID:		Analysis Requested						Job #													
Address: <u>2135 South Loop 250 West</u>		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) TDS (2540C, Calcd) Chloride (300_ORGFM_28D)						Total Number of containers		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: <u>Midland</u>		TAT Requested (days):																					
State Zip: <u>TX 79703</u>		Compliance Project: ☐ Yes ☐ No																					
Phone:		PO #: <u>340-008333</u>																					
Email: <u>christopher.knight@ghd.com</u>		WO #: <u>12586708</u>																					
Project Name: <u>Scout EM Dollarhide</u>		Project #: <u>88001699</u>																					
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)		TDS (2540C, Calcd)		Chloride (300_ORGFM_28D)		Special Instructions/Note					
<u>NM-MW-15 W-233003</u>		<u>3-30-23</u>		<u>12:45</u>		<u>6</u>		<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-11 W-233003</u>		<u>3-30-23</u>		<u>12:27</u>				<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-12 W-233103</u>		<u>3-31-23</u>		<u>13:35</u>				<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-13 W-233103</u>				<u>13:55</u>				<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-17 W-233103</u>				<u>14:00</u>				<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-16 W-233103</u>								<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-20 W-233103</u>				<u>14:20</u>				<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-21 W-233103</u>				<u>14:30</u>				<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
<u>NM-MW-11 W-233103</u>								<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
								<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
								<u>Water</u>		<u>N</u>		<u>N</u>		<u>N</u>		<u>N</u>							
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: <u>Mitch Clowen</u>				Date/Time: <u>3-31-23</u>				Company				Received by: <u>[Signature]</u>				Date/Time: <u>3/31/23</u>				Company			
Relinquished by:				Date/Time:				Company				Received by:				Date/Time: <u>1639</u>				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: <u>4.8/4.5</u>															

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26666-1

SDG Number: 12586708

Login Number: 26666

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: 880-26666-1
SDG Number: 12586708

Login Number: 26666
List Number: 2
Creator: Pena, Jesiel

List Source: Eurofins Houston
List Creation: 04/04/23 03:18 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	
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?	N/A	
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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/20/2023 11:09:25 AM

JOB DESCRIPTION

Dollarhide (Scout EM)
SDG NUMBER 12586708

JOB NUMBER

880-26667-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

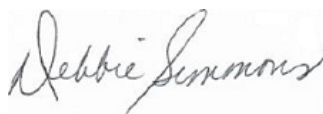
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
4/20/2023 11:09:25 AM

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

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Laboratory Job ID: 880-26667-1
SDG: 12586708

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
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
H	Sample was prepped or analyzed beyond the specified holding time
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.
α	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: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Job ID: 880-26667-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26667-1

Receipt

The samples were received on 3/31/2023 4:39 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 4.5°C

HPLC/IC

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-99155 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-99155 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recovery was within acceptance limits.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: RRR-Ranch-Windmill-W-233003 (880-26667-5) and NM-MW-8-W-233003 (880-26667-7). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-15-W-233103 (880-26667-1), MW-3-W-233103 (880-26667-2), NM-MW-2-W-233003 (880-26667-9) and NM-MW-7-W-233003 (880-26667-10). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-99359 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

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: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Client Sample ID: MW-15-W-233103

Lab Sample ID: 880-26667-1

Date Collected: 03/31/23 12:30

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	896		5.00	2.50	mg/L			04/18/23 23:40	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1800		20.0	20.0	mg/L			04/07/23 07:11	1

Client Sample ID: MW-3-W-233103

Lab Sample ID: 880-26667-2

Date Collected: 03/31/23 13:10

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	629		5.00	2.50	mg/L			04/18/23 23:55	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1340		20.0	20.0	mg/L			04/07/23 07:11	1

Client Sample ID: NM-MW-3-W-233003

Lab Sample ID: 880-26667-3

Date Collected: 03/30/23 13:00

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	386		0.500	0.250	mg/L			04/18/23 07:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	898		10.0	10.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-9-W-233003

Lab Sample ID: 880-26667-4

Date Collected: 03/30/23 10:40

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		0.500	0.250	mg/L			04/18/23 07:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	724		10.0	10.0	mg/L			04/06/23 06:39	1

Client Sample ID: RRR-Ranch-Windmill-W-233003

Lab Sample ID: 880-26667-5

Date Collected: 03/30/23 11:20

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2070		5.00	2.50	mg/L			04/18/23 07:47	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3560	H	40.0	40.0	mg/L			04/07/23 07:11	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Client Sample ID: NM-MW-4-W-233003

Lab Sample ID: 880-26667-6

Date Collected: 03/30/23 11:30

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.9		0.500	0.250	mg/L			04/18/23 08:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	613	H	10.0	10.0	mg/L			04/07/23 07:11	1

Client Sample ID: NM-MW-8-W-233003

Lab Sample ID: 880-26667-7

Date Collected: 03/30/23 11:40

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6440		50.0	25.0	mg/L			04/18/23 08:21	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9200		100	100	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-14-W-233003

Lab Sample ID: 880-26667-8

Date Collected: 03/30/23 10:50

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.6		0.500	0.250	mg/L			04/19/23 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	533		10.0	10.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-2-W-233003

Lab Sample ID: 880-26667-9

Date Collected: 03/30/23 13:15

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	812		5.00	2.50	mg/L			04/19/23 00:24	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1360		20.0	20.0	mg/L			04/06/23 06:39	1

Client Sample ID: NM-MW-7-W-233003

Lab Sample ID: 880-26667-10

Date Collected: 03/30/23 13:40

Matrix: Water

Date Received: 03/31/23 16:39

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2060		5.00	2.50	mg/L			04/19/23 00:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3680		40.0	40.0	mg/L			04/06/23 06:39	1

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QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-99155/3

Matrix: Water

Analysis Batch: 99155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/18/23 03:58	1

Lab Sample ID: LCS 860-99155/4

Matrix: Water

Analysis Batch: 99155

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	9.597		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-99155/5

Matrix: Water

Analysis Batch: 99155

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	9.536		mg/L		95	90 - 110	1	20

Lab Sample ID: LLCS 860-99155/7

Matrix: Water

Analysis Batch: 99155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.00	0.5792		mg/L		58	50 - 150

Lab Sample ID: 880-26667-3 MS

Matrix: Water

Analysis Batch: 99155

Client Sample ID: NM-MW-3-W-233003

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	386		10.0	392.1	4	mg/L		62	90 - 110

Lab Sample ID: 880-26667-3 MSD

Matrix: Water

Analysis Batch: 99155

Client Sample ID: NM-MW-3-W-233003

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	386		10.0	392.6	4	mg/L		67	90 - 110	0	20

Lab Sample ID: MB 860-99359/13

Matrix: Water

Analysis Batch: 99359

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/18/23 17:16	1

Lab Sample ID: LCS 860-99359/14

Matrix: Water

Analysis Batch: 99359

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	9.972		mg/L		100	90 - 110

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 860-99359/15

Matrix: Water

Analysis Batch: 99359

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	9.978		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-99359/17

Matrix: Water

Analysis Batch: 99359

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	0.5972		mg/L		119	50 - 150		

Lab Sample ID: MB 860-99475/3

Matrix: Water

Analysis Batch: 99475

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/19/23 14:43	1

Lab Sample ID: LCS 860-99475/4

Matrix: Water

Analysis Batch: 99475

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	9.384		mg/L		94	90 - 110		

Lab Sample ID: LCSD 860-99475/5

Matrix: Water

Analysis Batch: 99475

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	9.321		mg/L		93	90 - 110	1	20

Lab Sample ID: LLCS 860-99475/7

Matrix: Water

Analysis Batch: 99475

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	0.6004		mg/L		120	50 - 150		

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

Lab Sample ID: MB 860-97681/1

Matrix: Water

Analysis Batch: 97681

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			04/06/23 06:39	1

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

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

Lab Sample ID: LCS 860-97681/2
Matrix: Water
Analysis Batch: 97681

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	1017		mg/L		102	80 - 120	

Lab Sample ID: LCSD 860-97681/3
Matrix: Water
Analysis Batch: 97681

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	996.0		mg/L		100	80 - 120	2	10

Lab Sample ID: LLCS 860-97681/4
Matrix: Water
Analysis Batch: 97681

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	<5.00	U	mg/L		70	50 - 150	

Lab Sample ID: MB 860-97689/1
Matrix: Water
Analysis Batch: 97689

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			04/07/23 07:11	1

Lab Sample ID: LCS 860-97689/2
Matrix: Water
Analysis Batch: 97689

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	992.0		mg/L		99	80 - 120	

Lab Sample ID: LCSD 860-97689/3
Matrix: Water
Analysis Batch: 97689

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	1006		mg/L		101	80 - 120	1	10

Lab Sample ID: LLCS 860-97689/4
Matrix: Water
Analysis Batch: 97689

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	<5.00	U	mg/L		80	50 - 150	

Lab Sample ID: 880-26667-1 DU
Matrix: Water
Analysis Batch: 97689

Client Sample ID: MW-15-W-233103
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1800		1998		mg/L		10	10

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

HPLC/IC

Analysis Batch: 99155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26667-3	NM-MW-3-W-233003	Total/NA	Water	300.0	
880-26667-4	NM-MW-9-W-233003	Total/NA	Water	300.0	
880-26667-5 - DL	RRR-Ranch-Windmill-W-233003	Total/NA	Water	300.0	
880-26667-6	NM-MW-4-W-233003	Total/NA	Water	300.0	
880-26667-7 - DL	NM-MW-8-W-233003	Total/NA	Water	300.0	
MB 860-99155/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99155/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99155/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99155/7	Lab Control Sample	Total/NA	Water	300.0	
880-26667-3 MS	NM-MW-3-W-233003	Total/NA	Water	300.0	
880-26667-3 MSD	NM-MW-3-W-233003	Total/NA	Water	300.0	

Analysis Batch: 99359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26667-1 - DL	MW-15-W-233103	Total/NA	Water	300.0	
880-26667-2 - DL	MW-3-W-233103	Total/NA	Water	300.0	
880-26667-9 - DL	NM-MW-2-W-233003	Total/NA	Water	300.0	
880-26667-10 - DL	NM-MW-7-W-233003	Total/NA	Water	300.0	
MB 860-99359/13	Method Blank	Total/NA	Water	300.0	
LCS 860-99359/14	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99359/15	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99359/17	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 99475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26667-8	NM-MW-14-W-233003	Total/NA	Water	300.0	
MB 860-99475/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99475/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99475/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99475/7	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 97681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26667-3	NM-MW-3-W-233003	Total/NA	Water	SM 2540C	
880-26667-4	NM-MW-9-W-233003	Total/NA	Water	SM 2540C	
880-26667-7	NM-MW-8-W-233003	Total/NA	Water	SM 2540C	
880-26667-8	NM-MW-14-W-233003	Total/NA	Water	SM 2540C	
880-26667-9	NM-MW-2-W-233003	Total/NA	Water	SM 2540C	
880-26667-10	NM-MW-7-W-233003	Total/NA	Water	SM 2540C	
MB 860-97681/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97681/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97681/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97681/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 97689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26667-1	MW-15-W-233103	Total/NA	Water	SM 2540C	
880-26667-2	MW-3-W-233103	Total/NA	Water	SM 2540C	
880-26667-5	RRR-Ranch-Windmill-W-233003	Total/NA	Water	SM 2540C	

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

General Chemistry (Continued)

Analysis Batch: 97689 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26667-6	NM-MW-4-W-233003	Total/NA	Water	SM 2540C	
MB 860-97689/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97689/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97689/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97689/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26667-1 DU	MW-15-W-233103	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Client Sample ID: MW-15-W-233103**Lab Sample ID: 880-26667-1****Date Collected: 03/31/23 12:30****Matrix: Water****Date Received: 03/31/23 16:39**

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	DL	10			99359	04/18/23 23:40	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97689	04/07/23 07:11	DR	EET HOU

Client Sample ID: MW-3-W-233103**Lab Sample ID: 880-26667-2****Date Collected: 03/31/23 13:10****Matrix: Water****Date Received: 03/31/23 16:39**

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	DL	10			99359	04/18/23 23:55	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97689	04/07/23 07:11	DR	EET HOU

Client Sample ID: NM-MW-3-W-233003**Lab Sample ID: 880-26667-3****Date Collected: 03/30/23 13:00****Matrix: Water****Date Received: 03/31/23 16:39**

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			99155	04/18/23 07:12	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-9-W-233003**Lab Sample ID: 880-26667-4****Date Collected: 03/30/23 10:40****Matrix: Water****Date Received: 03/31/23 16:39**

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			99155	04/18/23 07:33	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: RRR-Ranch-Windmill-W-233003**Lab Sample ID: 880-26667-5****Date Collected: 03/30/23 11:20****Matrix: Water****Date Received: 03/31/23 16:39**

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	DL	10			99155	04/18/23 07:47	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97689	04/07/23 07:11	DR	EET HOU

Client Sample ID: NM-MW-4-W-233003**Lab Sample ID: 880-26667-6****Date Collected: 03/30/23 11:30****Matrix: Water****Date Received: 03/31/23 16:39**

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			99155	04/18/23 08:07	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97689	04/07/23 07:11	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Client Sample ID: NM-MW-8-W-233003
Date Collected: 03/30/23 11:40
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26667-7
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	DL	100			99155	04/18/23 08:21	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-14-W-233003
Date Collected: 03/30/23 10:50
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26667-8
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			99475	04/19/23 17:41	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-2-W-233003
Date Collected: 03/30/23 13:15
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26667-9
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	DL	10			99359	04/19/23 00:24	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97681	04/06/23 06:39	DR	EET HOU

Client Sample ID: NM-MW-7-W-233003
Date Collected: 03/30/23 13:40
Date Received: 03/31/23 16:39

Lab Sample ID: 880-26667-10
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	DL	10			99359	04/19/23 00:39	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97681	04/06/23 06:39	DR	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: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-23-50	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

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

Protocol References:

- EPA = US Environmental Protection Agency
- 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

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Sample Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26667-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26667-1	MW-15-W-233103	Water	03/31/23 12:30	03/31/23 16:39
880-26667-2	MW-3-W-233103	Water	03/31/23 13:10	03/31/23 16:39
880-26667-3	NM-MW-3-W-233003	Water	03/30/23 13:00	03/31/23 16:39
880-26667-4	NM-MW-9-W-233003	Water	03/30/23 10:40	03/31/23 16:39
880-26667-5	RRR-Ranch-Windmill-W-233003	Water	03/30/23 11:20	03/31/23 16:39
880-26667-6	NM-MW-4-W-233003	Water	03/30/23 11:30	03/31/23 16:39
880-26667-7	NM-MW-8-W-233003	Water	03/30/23 11:40	03/31/23 16:39
880-26667-8	NM-MW-14-W-233003	Water	03/30/23 10:50	03/31/23 16:39
880-26667-9	NM-MW-2-W-233003	Water	03/30/23 13:15	03/31/23 16:39
880-26667-10	NM-MW-7-W-233003	Water	03/30/23 13:40	03/31/23 16:39

Eurofins Midland

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

Chain of Custody Record

eurofins

Environment Testing

26667

Client Information		Sampler <u>Mitch Clemens</u>		Lab PM <u>Simmons Debbie</u>		Carrier Tracking No(s)		COC No <u>880-5502-730 1</u>							
Client Contact: <u>Christopher Knight</u>		Phone <u>432-557-0215</u>		E-Mail <u>Debbie.Simmons@et.eurofinsus.com</u>		State of Origin		Page <u>1</u> of <u>2</u>							
Company <u>GHD Services Inc</u>		PWSID		Analysis Requested											
Address <u>2135 South Loop 250 West</u>		Due Date Requested		Field Filtered Sample (Yes or No) ☒ Perform MS/MSD (Yes or No) ☒ TDS (2540C, Calcd) <u>N</u> Chloride (300_ORGFM_280) <u>N</u> Total Number of containers <u>1</u>											
City <u>Midland</u>		TAT Requested (days)													
State Zip <u>TX 79703</u>		Compliance Project. ☐ Yes ☐ No													
Phone		PO # <u>340-008333</u>													
Email <u>christopher.knight@ghd.com</u>		WO # <u>12586708</u>													
Project Name <u>Scout EM Dollarhide</u>		Project # <u>88001699</u>		Preservation Codes A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid Q Na2SO3 E NaHSO4 R Na2S2O3 F MeOH S H2SO4 G Amchlor T TSP Dodecahydrate H - Ascorbic Acid U Acetone I Ice V MCAA J DI Water W pH 4-5 K EDTA Y Trizma L EDA Z other (specify) Other											
Site <u>SSOW#</u>		SSOW#													
Sample Identification		Sample Date								Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air)	
<u>MW-15 W-233103</u>		<u>3-31-23</u>		<u>12:30</u>		<u>G</u>		<u>Water</u>							
<u>TRAC 11 W-233103</u>		<u>3-31-23</u>		<u>12:30</u>		<u>G</u>		<u>Water</u>							
<u>MW 3-W-233103</u>		<u>3-31-23</u>		<u>13:10</u>		<u>G</u>		<u>Water</u>							
<u>NM-MW-11-W-233003</u>		<u>3-30-23</u>		<u>-</u>		<u>-</u>		<u>Water</u>							
<u>NM-MW-3-W-233003</u>		<u>3-31-23</u>		<u>13:00</u>		<u>-</u>		<u>Water</u>							
<u>NM-MW-9-W-233003</u>		<u>3-31-23</u>		<u>10:40</u>		<u>-</u>		<u>Water</u>							
<u>RRR-Ranch-WM-MW-11-W-233003</u>		<u>3-31-23</u>		<u>11:20</u>		<u>-</u>		<u>Water</u>							
<u>NM-MW-4-W-233003</u>		<u>3-31-23</u>		<u>11:30</u>		<u>-</u>		<u>Water</u>							
<u>NM-MW-8-W-233003</u>		<u>3-31-23</u>		<u>11:40</u>		<u>-</u>		<u>Water</u>							
<u>NM-MW-14-W-233003</u>		<u>3-31-23</u>		<u>10:50</u>		<u>-</u>		<u>Water</u>							
<u>NM-MW-2-W-233003</u>		<u>3-31-23</u>		<u>13:15</u>		<u>-</u>		<u>Water</u>							
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 <u> </u> Months															
Deliverable Requested I II III IV Other (specify)															
Special Instructions/QC Requirements															
Empty Kit Relinquished by															
Relinquished by <u>[Signature]</u>		Date/Time <u>3-31-23 /</u>		Company		Received by <u>[Signature]</u>		Date/Time <u>3/31/23</u>							
Relinquished by		Date/Time		Company		Received by		Date/Time <u>10/23/23</u>							
Relinquished by		Date/Time		Company		Received by		Date/Time							
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks <u>4-8/45</u>											



880-26667 Chain of Custody

Environment Test g

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26667-1

SDG Number: 12586708

Login Number: 26667

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: 880-26667-1
SDG Number: 12586708

Login Number: 26667
List Number: 2
Creator: Pena, Jesiel

List Source: Eurofins Houston
List Creation: 04/04/23 03:18 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	
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?	N/A	
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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/27/2023 5:08:52 PM Revision 1

JOB DESCRIPTION

Dollarhide (Scout EM)
SDG NUMBER 12586708

JOB NUMBER

880-26742-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

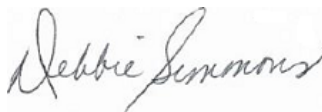
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



Authorized for release by
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Revision 1

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Laboratory Job ID: 880-26742-1
SDG: 12586708

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
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
H	Sample was prepped or analyzed beyond the specified holding time
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.
α	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: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Job ID: 880-26742-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-26742-1**

Comments

04.27.23: per Chris Knight: The project team has requested a revision to this report. Please revise the report and EDD.

Sample ID: 880-26742-9

Incorrect: NW-MW-1D-W-230403

Correct: NM-MW-10-W-230403

Sample ID: 880-26742-13

Incorrect: MW-20-W-230403

Correct: MW-26-W-230403

Receipt

The samples were received on 4/4/2023 9:18 AM. 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 was 3.3° C.

General Chemistry

Method SM 2540C: Reanalysis of the following samples were performed outside of the analytical holding time due to Total Dissolved Solids and Conductivity out of ratio (<0.55 or >1.0): MW-19-W-230403 (880-26742-1), MW-20-W-230403 (880-26742-2), MW-11-W-230403 (880-26742-4), MW-25-W-230403 (880-26742-16) and MW-18-W-230403 (880-26742-23).

Method SM 2540C: Reanalysis of the following samples were performed outside of the analytical holding time due to Total Dissolved Solids and Conductivity out of ratio : MW-20-W-230403 (880-26742-2) and MW-11-W-230403 (880-26742-4).

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-20-W-230403 (880-26742-2) and MW-58-B-3-W-230403 (880-26742-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11-W-230403 (880-26742-4), MW-30-W-230403 (880-26742-5), MW-58-B-3-WD-230403 (880-26742-6), Livermore-W-230403 (880-26742-7), MW-23-W-230403 (880-26742-8), MW-31-W-230403 (880-26742-10), MW-45-E-3-W-230403 (880-26742-11), MW-13-W-230403 (880-26742-12), MW-26-W-230403 (880-26742-13), Wilson Ranch Well-W-230403 (880-26742-15), MW-25-W-230403 (880-26742-16) and MW-14-W-230403 (880-26742-19). Elevated reporting limits (RLs) are provided.

Method 300.0: The instrument blank/CCB for analytical batch 860-99618 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The method blank for analytical batch 860-100086 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 300.0: The instrument blank/CCB for analytical batch 860-100086 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-21-W-230403 (880-26742-26), MW-43-FF-W-230403 (880-26742-27) and MW-16-W-230403 (880-26742-31). Elevated reporting limits (RLs) are provided.

Method 300.0: The instrument blank/CCB for analytical batch 860-100147 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because Associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Case Narrative

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Job ID: 880-26742-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-14-WD-230403 (880-26742-22). Elevated reporting limits (RLs) are provided.

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

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-19-W-230403

Lab Sample ID: 880-26742-1

Date Collected: 04/03/23 14:40

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6070		50.0	25.0	mg/L			04/19/23 19:54	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	12100	H	100	100	mg/L			04/11/23 16:00	1

Client Sample ID: MW-20-W-230403

Lab Sample ID: 880-26742-2

Date Collected: 04/03/23 15:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		5.00	2.50	mg/L			04/19/23 21:08	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3010	H	40.0	40.0	mg/L			04/24/23 10:40	1

Client Sample ID: MW-58-B-3-W-230403

Lab Sample ID: 880-26742-3

Date Collected: 04/03/23 11:50

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1840		5.00	2.50	mg/L			04/19/23 21:23	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3470		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-11-W-230403

Lab Sample ID: 880-26742-4

Date Collected: 04/03/23 15:25

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6150		50.0	25.0	mg/L			04/20/23 15:29	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	13800	H	100	100	mg/L			04/24/23 10:40	1

Client Sample ID: MW-30-W-230403

Lab Sample ID: 880-26742-5

Date Collected: 04/03/23 13:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1960		5.00	2.50	mg/L			04/20/23 11:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4440		40.0	40.0	mg/L			04/10/23 09:15	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-58-B-3-WD-230403

Lab Sample ID: 880-26742-6

Date Collected: 04/03/23 00:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		5.00	2.50	mg/L			04/20/23 11:26	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3900		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: Livermore-W-230403

Lab Sample ID: 880-26742-7

Date Collected: 04/03/23 13:50

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1990		5.00	2.50	mg/L			04/20/23 11:38	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3650		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-23-W-230403

Lab Sample ID: 880-26742-8

Date Collected: 04/03/23 13:35

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		5.00	2.50	mg/L			04/20/23 11:50	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3840		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: NW-MW-10-W-230403

Lab Sample ID: 880-26742-9

Date Collected: 04/03/23 10:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		0.500	0.250	mg/L			04/20/23 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1540		20.0	20.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-31-W-230403

Lab Sample ID: 880-26742-10

Date Collected: 04/03/23 15:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9560		50.0	25.0	mg/L			04/20/23 15:48	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15100		100	100	mg/L			04/10/23 09:15	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-45-E-3-W-230403

Lab Sample ID: 880-26742-11

Date Collected: 04/03/23 12:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3750		5.00	2.50	mg/L			04/20/23 15:35	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7190		100	100	mg/L			04/10/23 08:56	1

Client Sample ID: MW-13-W-230403

Lab Sample ID: 880-26742-12

Date Collected: 04/03/23 13:20

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.50	mg/L			04/20/23 12:28	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2920		40.0	40.0	mg/L			04/10/23 08:56	1

Client Sample ID: MW-26-W-230403

Lab Sample ID: 880-26742-13

Date Collected: 04/03/23 14:55

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.50	mg/L			04/20/23 12:40	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4280		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-4-W-230403

Lab Sample ID: 880-26742-14

Date Collected: 04/03/23 03:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		0.500	0.250	mg/L			04/20/23 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	881		10.0	10.0	mg/L			04/10/23 09:15	1

Client Sample ID: Wilson Ranch Well-W-230403

Lab Sample ID: 880-26742-15

Date Collected: 04/03/23 11:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	852		5.00	2.50	mg/L			04/20/23 13:43	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1990		20.0	20.0	mg/L			04/10/23 09:15	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-25-W-230403

Lab Sample ID: 880-26742-16

Date Collected: 04/03/23 14:25

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21200		50.0	25.0	mg/L			04/20/23 15:54	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	43900	H	1000	1000	mg/L			04/11/23 16:00	1

Client Sample ID: TRAC-4-W-230403

Lab Sample ID: 880-26742-17

Date Collected: 04/03/23 12:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		0.500	0.250	mg/L			04/20/23 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1330		20.0	20.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-6-W-230403

Lab Sample ID: 880-26742-18

Date Collected: 04/03/23 15:35

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	359		0.500	0.250	mg/L			04/20/23 14:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1230		20.0	20.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-14-W-230403

Lab Sample ID: 880-26742-19

Date Collected: 04/03/23 13:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		5.00	2.50	mg/L			04/20/23 14:46	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3620		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-5-W-230403

Lab Sample ID: 880-26742-20

Date Collected: 04/03/23 14:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		0.500	0.250	mg/L			04/20/23 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	862		10.0	10.0	mg/L			04/10/23 09:15	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-10-W-230403

Lab Sample ID: 880-26742-21

Date Collected: 04/03/23 15:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4730		5.00	2.50	mg/L			04/20/23 15:04	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11700		100	100	mg/L			04/10/23 09:15	1

Client Sample ID: MW-14-WD-230403

Lab Sample ID: 880-26742-22

Date Collected: 04/03/23 00:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		5.00	2.50	mg/L			04/25/23 08:01	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2910		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-18-W-230403

Lab Sample ID: 880-26742-23

Date Collected: 04/03/23 14:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21400	b	50.0	25.0	mg/L			04/23/23 00:22	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	38600	H	200	200	mg/L			04/11/23 16:00	1

Client Sample ID: MW-22-W-230403

Lab Sample ID: 880-26742-24

Date Collected: 04/03/23 13:35

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10500	b	50.0	25.0	mg/L			04/22/23 23:57	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	20600		200	200	mg/L			04/10/23 08:56	1

Client Sample ID: MW-25-WD-230403

Lab Sample ID: 880-26742-25

Date Collected: 04/03/23 00:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22200	b	50.0	25.0	mg/L			04/23/23 00:34	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	29900		200	200	mg/L			04/10/23 12:22	1

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-21-W-230403

Lab Sample ID: 880-26742-26

Date Collected: 04/03/23 13:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5760	b	50.0	25.0	mg/L			04/22/23 23:26	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9000		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-43-FF-W-230403

Lab Sample ID: 880-26742-27

Date Collected: 04/03/23 12:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3450	b	5.00	2.50	mg/L			04/22/23 22:42	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7190		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-17-W-230403

Lab Sample ID: 880-26742-28

Date Collected: 04/03/23 13:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6290	b	50.0	25.0	mg/L			04/22/23 23:51	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11600		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-24-W-230403

Lab Sample ID: 880-26742-29

Date Collected: 04/03/23 14:50

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3990	b	5.00	2.50	mg/L			04/22/23 23:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8480		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-12-W-230403

Lab Sample ID: 880-26742-30

Date Collected: 04/03/23 13:25

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12800	b	50.0	25.0	mg/L			04/23/23 00:03	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	38200		200	200	mg/L			04/10/23 12:22	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-16-W-230403
Date Collected: 04/03/23 14:20
Date Received: 04/04/23 09:18

Lab Sample ID: 880-26742-31
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	672	b	5.00	2.50	mg/L			04/22/23 23:07	10

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1890		20.0	20.0	mg/L			04/10/23 12:22	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-100086/3

Matrix: Water

Analysis Batch: 100086

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.3220	J	0.500	0.250	mg/L			04/22/23 13:33	1

Lab Sample ID: MB 860-100086/59

Matrix: Water

Analysis Batch: 100086

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.3246	J	0.500	0.250	mg/L			04/22/23 21:21	1

Lab Sample ID: LCS 860-100086/60

Matrix: Water

Analysis Batch: 100086

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	9.070		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-100086/61

Matrix: Water

Analysis Batch: 100086

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	9.040		mg/L		90	90 - 110	0	20

Lab Sample ID: LLCS 860-100086/7

Matrix: Water

Analysis Batch: 100086

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	0.6174		mg/L		123	50 - 150

Lab Sample ID: MB 860-100147/13

Matrix: Water

Analysis Batch: 100147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/24/23 18:50	1

Lab Sample ID: MB 860-100147/88

Matrix: Water

Analysis Batch: 100147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/25/23 06:38	1

Lab Sample ID: LCS 860-100147/89

Matrix: Water

Analysis Batch: 100147

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	10.18		mg/L		102	90 - 110

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 860-100147/90

Matrix: Water

Analysis Batch: 100147

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	10.19		mg/L		102	90 - 110	0	20

Lab Sample ID: LLCS 860-100147/17

Matrix: Water

Analysis Batch: 100147

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	0.5431		mg/L		109	50 - 150		

Lab Sample ID: MB 860-99493/3

Matrix: Water

Analysis Batch: 99493

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/19/23 15:19	1

Lab Sample ID: MB 860-99493/44

Matrix: Water

Analysis Batch: 99493

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/19/23 20:23	1

Lab Sample ID: LCS 860-99493/4

Matrix: Water

Analysis Batch: 99493

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	10.29		mg/L		103	90 - 110		

Lab Sample ID: LCS 860-99493/45

Matrix: Water

Analysis Batch: 99493

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	10.41		mg/L		104	90 - 110		

Lab Sample ID: LCSD 860-99493/46

Matrix: Water

Analysis Batch: 99493

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	10.43		mg/L		104	90 - 110	0	20

Lab Sample ID: LCSD 860-99493/5

Matrix: Water

Analysis Batch: 99493

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	10.30		mg/L		103	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LLCS 860-99493/7

Matrix: Water

Analysis Batch: 99493

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	0.5952		mg/L		119	50 - 150

Lab Sample ID: MB 860-99618/3

Matrix: Water

Analysis Batch: 99618

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/20/23 09:59	1

Lab Sample ID: LCS 860-99618/4

Matrix: Water

Analysis Batch: 99618

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	9.252		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-99618/5

Matrix: Water

Analysis Batch: 99618

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	9.211		mg/L		92	90 - 110	0	20

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

Lab Sample ID: MB 860-100054/1

Matrix: Water

Analysis Batch: 100054

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			04/24/23 10:40	1

Lab Sample ID: LCS 860-100054/2

Matrix: Water

Analysis Batch: 100054

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 860-100054/3

Matrix: Water

Analysis Batch: 100054

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	1002		mg/L		100	80 - 120	0	10

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Lab Sample ID: LLCS 860-100054/4

Matrix: Water

Analysis Batch: 100054

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 860-97954/1

Matrix: Water

Analysis Batch: 97954

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			04/10/23 08:56	1

Lab Sample ID: LCS 860-97954/2

Matrix: Water

Analysis Batch: 97954

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	993.0		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-97954/3

Matrix: Water

Analysis Batch: 97954

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	1024		mg/L		102	80 - 120	3	10

Lab Sample ID: LLCS 860-97954/4

Matrix: Water

Analysis Batch: 97954

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	7.000		mg/L		140	50 - 150

Lab Sample ID: MB 860-97968/1

Matrix: Water

Analysis Batch: 97968

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			04/10/23 09:15	1

Lab Sample ID: LCS 860-97968/2

Matrix: Water

Analysis Batch: 97968

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	1004		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-97968/3

Matrix: Water

Analysis Batch: 97968

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	1009		mg/L		101	80 - 120	0	10

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Lab Sample ID: LLCS 860-97968/4

Matrix: Water

Analysis Batch: 97968

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	<5.00	U	mg/L		70	50 - 150

Lab Sample ID: 880-26742-13 DU

Matrix: Water

Analysis Batch: 97968

Client Sample ID: MW-26-W-230403

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4280		4312		mg/L		0.7	10

Lab Sample ID: MB 860-98003/1

Matrix: Water

Analysis Batch: 98003

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			04/10/23 12:22	1

Lab Sample ID: LCS 860-98003/2

Matrix: Water

Analysis Batch: 98003

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	1010		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-98003/3

Matrix: Water

Analysis Batch: 98003

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	1016		mg/L		102	80 - 120	1	10

Lab Sample ID: LLCS 860-98003/4

Matrix: Water

Analysis Batch: 98003

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: 880-26742-25 DU

Matrix: Water

Analysis Batch: 98003

Client Sample ID: MW-25-WD-230403

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	29900		30320		mg/L		1	10

Lab Sample ID: MB 860-98383/1

Matrix: Water

Analysis Batch: 98383

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			04/11/23 16:00	1

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Lab Sample ID: LCS 860-98383/2
Matrix: Water
Analysis Batch: 98383

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 860-98383/3
Matrix: Water
Analysis Batch: 98383

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	1010		mg/L		101	80 - 120	0	10

Lab Sample ID: LLCS 860-98383/4
Matrix: Water
Analysis Batch: 98383

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	<5.00	U	mg/L		70	50 - 150

Lab Sample ID: MB 860-99721/1
Matrix: Water
Analysis Batch: 99721

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			04/20/23 15:46	1

Lab Sample ID: LCS 860-99721/2
Matrix: Water
Analysis Batch: 99721

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 860-99721/3
Matrix: Water
Analysis Batch: 99721

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	1002		mg/L		100	80 - 120	0	10

Lab Sample ID: LLCS 860-99721/4
Matrix: Water
Analysis Batch: 99721

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

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

HPLC/IC

Analysis Batch: 99493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-1	MW-19-W-230403	Total/NA	Water	300.0	
880-26742-2 - DL	MW-20-W-230403	Total/NA	Water	300.0	
880-26742-3 - DL	MW-58-B-3-W-230403	Total/NA	Water	300.0	
MB 860-99493/3	Method Blank	Total/NA	Water	300.0	
MB 860-99493/44	Method Blank	Total/NA	Water	300.0	
LCS 860-99493/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-99493/45	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99493/46	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-99493/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99493/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 99618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-4 - DL2	MW-11-W-230403	Total/NA	Water	300.0	
880-26742-5 - DL	MW-30-W-230403	Total/NA	Water	300.0	
880-26742-6 - DL	MW-58-B-3-WD-230403	Total/NA	Water	300.0	
880-26742-7 - DL	Livermore-W-230403	Total/NA	Water	300.0	
880-26742-8 - DL	MW-23-W-230403	Total/NA	Water	300.0	
880-26742-9	NW-MW-10-W-230403	Total/NA	Water	300.0	
880-26742-10	MW-31-W-230403	Total/NA	Water	300.0	
880-26742-11 - DL	MW-45-E-3-W-230403	Total/NA	Water	300.0	
880-26742-12 - DL	MW-13-W-230403	Total/NA	Water	300.0	
880-26742-13 - DL	MW-26-W-230403	Total/NA	Water	300.0	
880-26742-14	MW-4-W-230403	Total/NA	Water	300.0	
880-26742-15 - DL	Wilson Ranch Well-W-230403	Total/NA	Water	300.0	
880-26742-16 - DL	MW-25-W-230403	Total/NA	Water	300.0	
880-26742-17	TRAC-4-W-230403	Total/NA	Water	300.0	
880-26742-18	MW-6-W-230403	Total/NA	Water	300.0	
880-26742-19 - DL	MW-14-W-230403	Total/NA	Water	300.0	
880-26742-20	MW-5-W-230403	Total/NA	Water	300.0	
880-26742-21	MW-10-W-230403	Total/NA	Water	300.0	
MB 860-99618/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99618/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99618/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 100086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-23	MW-18-W-230403	Total/NA	Water	300.0	
880-26742-24	MW-22-W-230403	Total/NA	Water	300.0	
880-26742-25	MW-25-WD-230403	Total/NA	Water	300.0	
880-26742-26 - DL	MW-21-W-230403	Total/NA	Water	300.0	
880-26742-27 - DL	MW-43-FF-W-230403	Total/NA	Water	300.0	
880-26742-28	MW-17-W-230403	Total/NA	Water	300.0	
880-26742-29	MW-24-W-230403	Total/NA	Water	300.0	
880-26742-30	MW-12-W-230403	Total/NA	Water	300.0	
880-26742-31 - DL	MW-16-W-230403	Total/NA	Water	300.0	
MB 860-100086/3	Method Blank	Total/NA	Water	300.0	
MB 860-100086/59	Method Blank	Total/NA	Water	300.0	
LCS 860-100086/60	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-100086/61	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-100086/7	Lab Control Sample	Total/NA	Water	300.0	

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

HPLC/IC

Analysis Batch: 100147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-22 - DL	MW-14-WD-230403	Total/NA	Water	300.0	
MB 860-100147/13	Method Blank	Total/NA	Water	300.0	
MB 860-100147/88	Method Blank	Total/NA	Water	300.0	
LCS 860-100147/89	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-100147/90	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-100147/17	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 97954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-11	MW-45-E-3-W-230403	Total/NA	Water	SM 2540C	
880-26742-12	MW-13-W-230403	Total/NA	Water	SM 2540C	
880-26742-24	MW-22-W-230403	Total/NA	Water	SM 2540C	
MB 860-97954/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97954/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97954/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97954/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 97968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-3	MW-58-B-3-W-230403	Total/NA	Water	SM 2540C	
880-26742-5	MW-30-W-230403	Total/NA	Water	SM 2540C	
880-26742-6	MW-58-B-3-WD-230403	Total/NA	Water	SM 2540C	
880-26742-7	Livermore-W-230403	Total/NA	Water	SM 2540C	
880-26742-8	MW-23-W-230403	Total/NA	Water	SM 2540C	
880-26742-9	NW-MW-10-W-230403	Total/NA	Water	SM 2540C	
880-26742-10	MW-31-W-230403	Total/NA	Water	SM 2540C	
880-26742-13	MW-26-W-230403	Total/NA	Water	SM 2540C	
880-26742-14	MW-4-W-230403	Total/NA	Water	SM 2540C	
880-26742-15	Wilson Ranch Well-W-230403	Total/NA	Water	SM 2540C	
880-26742-17	TRAC-4-W-230403	Total/NA	Water	SM 2540C	
880-26742-18	MW-6-W-230403	Total/NA	Water	SM 2540C	
880-26742-19	MW-14-W-230403	Total/NA	Water	SM 2540C	
880-26742-20	MW-5-W-230403	Total/NA	Water	SM 2540C	
880-26742-21	MW-10-W-230403	Total/NA	Water	SM 2540C	
880-26742-22	MW-14-WD-230403	Total/NA	Water	SM 2540C	
MB 860-97968/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97968/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97968/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97968/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26742-13 DU	MW-26-W-230403	Total/NA	Water	SM 2540C	

Analysis Batch: 98003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-25	MW-25-WD-230403	Total/NA	Water	SM 2540C	
880-26742-26	MW-21-W-230403	Total/NA	Water	SM 2540C	
880-26742-27	MW-43-FF-W-230403	Total/NA	Water	SM 2540C	
880-26742-28	MW-17-W-230403	Total/NA	Water	SM 2540C	
880-26742-29	MW-24-W-230403	Total/NA	Water	SM 2540C	
880-26742-30	MW-12-W-230403	Total/NA	Water	SM 2540C	

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

General Chemistry (Continued)

Analysis Batch: 98003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-31	MW-16-W-230403	Total/NA	Water	SM 2540C	
MB 860-98003/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98003/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98003/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98003/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26742-25 DU	MW-25-WD-230403	Total/NA	Water	SM 2540C	

Analysis Batch: 98383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-1	MW-19-W-230403	Total/NA	Water	SM 2540C	
880-26742-16	MW-25-W-230403	Total/NA	Water	SM 2540C	
880-26742-23	MW-18-W-230403	Total/NA	Water	SM 2540C	
MB 860-98383/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98383/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98383/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98383/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 99721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-99721/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-99721/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-99721/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-99721/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 100054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-2	MW-20-W-230403	Total/NA	Water	SM 2540C	
880-26742-4	MW-11-W-230403	Total/NA	Water	SM 2540C	
MB 860-100054/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-100054/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-100054/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-100054/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-19-W-230403**Lab Sample ID: 880-26742-1****Date Collected: 04/03/23 14:40****Matrix: Water****Date Received: 04/04/23 09:18**

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			99493	04/19/23 19:54	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98383	04/11/23 16:00	DR	EET HOU

Client Sample ID: MW-20-W-230403**Lab Sample ID: 880-26742-2****Date Collected: 04/03/23 15:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99493	04/19/23 21:08	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	100054	04/24/23 10:40	DR	EET HOU

Client Sample ID: MW-58-B-3-W-230403**Lab Sample ID: 880-26742-3****Date Collected: 04/03/23 11:50****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99493	04/19/23 21:23	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-11-W-230403**Lab Sample ID: 880-26742-4****Date Collected: 04/03/23 15:25****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL2	100			99618	04/20/23 15:29	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	100054	04/24/23 10:40	DR	EET HOU

Client Sample ID: MW-30-W-230403**Lab Sample ID: 880-26742-5****Date Collected: 04/03/23 13:15****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:13	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-58-B-3-WD-230403**Lab Sample ID: 880-26742-6****Date Collected: 04/03/23 00:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:26	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: Livermore-W-230403**Lab Sample ID: 880-26742-7****Date Collected: 04/03/23 13:50****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:38	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-23-W-230403**Lab Sample ID: 880-26742-8****Date Collected: 04/03/23 13:35****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:50	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: NW-MW-10-W-230403**Lab Sample ID: 880-26742-9****Date Collected: 04/03/23 10:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 11:57	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-31-W-230403**Lab Sample ID: 880-26742-10****Date Collected: 04/03/23 15:15****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 15:48	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-45-E-3-W-230403**Lab Sample ID: 880-26742-11****Date Collected: 04/03/23 12:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 15:35	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97954	04/10/23 08:56	DR	EET HOU

Client Sample ID: MW-13-W-230403**Lab Sample ID: 880-26742-12****Date Collected: 04/03/23 13:20****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 12:28	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97954	04/10/23 08:56	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-26-W-230403**Lab Sample ID: 880-26742-13****Date Collected: 04/03/23 14:55****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 12:40	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-4-W-230403**Lab Sample ID: 880-26742-14****Date Collected: 04/03/23 03:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 12:47	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: Wilson Ranch Well-W-230403**Lab Sample ID: 880-26742-15****Date Collected: 04/03/23 11:30****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 13:43	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-25-W-230403**Lab Sample ID: 880-26742-16****Date Collected: 04/03/23 14:25****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	100			99618	04/20/23 15:54	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	1 mL	200 mL	98383	04/11/23 16:00	DR	EET HOU

Client Sample ID: TRAC-4-W-230403**Lab Sample ID: 880-26742-17****Date Collected: 04/03/23 12:30****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 14:15	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-6-W-230403**Lab Sample ID: 880-26742-18****Date Collected: 04/03/23 15:35****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 14:27	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-14-W-230403**Lab Sample ID: 880-26742-19****Date Collected: 04/03/23 13:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 14:46	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-5-W-230403**Lab Sample ID: 880-26742-20****Date Collected: 04/03/23 14:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 14:52	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-10-W-230403**Lab Sample ID: 880-26742-21****Date Collected: 04/03/23 15:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 15:04	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-14-WD-230403**Lab Sample ID: 880-26742-22****Date Collected: 04/03/23 00:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			100147	04/25/23 08:01	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-18-W-230403**Lab Sample ID: 880-26742-23****Date Collected: 04/03/23 14:15****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/23/23 00:22	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	98383	04/11/23 16:00	DR	EET HOU

Client Sample ID: MW-22-W-230403**Lab Sample ID: 880-26742-24****Date Collected: 04/03/23 13:35****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/22/23 23:57	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	97954	04/10/23 08:56	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-25-WD-230403**Lab Sample ID: 880-26742-25****Date Collected: 04/03/23 00:00****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/23/23 00:34	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-21-W-230403**Lab Sample ID: 880-26742-26****Date Collected: 04/03/23 13:30****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	100			100086	04/22/23 23:26	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-43-FF-W-230403**Lab Sample ID: 880-26742-27****Date Collected: 04/03/23 12:15****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			100086	04/22/23 22:42	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-17-W-230403**Lab Sample ID: 880-26742-28****Date Collected: 04/03/23 13:30****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/22/23 23:51	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-24-W-230403**Lab Sample ID: 880-26742-29****Date Collected: 04/03/23 14:50****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/22/23 23:13	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-12-W-230403**Lab Sample ID: 880-26742-30****Date Collected: 04/03/23 13:25****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/23/23 00:03	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-16-W-230403
Date Collected: 04/03/23 14:20
Date Received: 04/04/23 09:18

Lab Sample ID: 880-26742-31
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	DL	10			100086	04/22/23 23:07	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

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

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Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-50	06-30-23

- 1
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Method Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Protocol References:

- EPA = US Environmental Protection Agency
- 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: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26742-1	MW-19-W-230403	Water	04/03/23 14:40	04/04/23 09:18
880-26742-2	MW-20-W-230403	Water	04/03/23 15:00	04/04/23 09:18
880-26742-3	MW-58-B-3-W-230403	Water	04/03/23 11:50	04/04/23 09:18
880-26742-4	MW-11-W-230403	Water	04/03/23 15:25	04/04/23 09:18
880-26742-5	MW-30-W-230403	Water	04/03/23 13:15	04/04/23 09:18
880-26742-6	MW-58-B-3-WD-230403	Water	04/03/23 00:00	04/04/23 09:18
880-26742-7	Livermore-W-230403	Water	04/03/23 13:50	04/04/23 09:18
880-26742-8	MW-23-W-230403	Water	04/03/23 13:35	04/04/23 09:18
880-26742-9	NW-MW-10-W-230403	Water	04/03/23 10:10	04/04/23 09:18
880-26742-10	MW-31-W-230403	Water	04/03/23 15:15	04/04/23 09:18
880-26742-11	MW-45-E-3-W-230403	Water	04/03/23 12:00	04/04/23 09:18
880-26742-12	MW-13-W-230403	Water	04/03/23 13:20	04/04/23 09:18
880-26742-13	MW-26-W-230403	Water	04/03/23 14:55	04/04/23 09:18
880-26742-14	MW-4-W-230403	Water	04/03/23 03:10	04/04/23 09:18
880-26742-15	Wilson Ranch Well-W-230403	Water	04/03/23 11:30	04/04/23 09:18
880-26742-16	MW-25-W-230403	Water	04/03/23 14:25	04/04/23 09:18
880-26742-17	TRAC-4-W-230403	Water	04/03/23 12:30	04/04/23 09:18
880-26742-18	MW-6-W-230403	Water	04/03/23 15:35	04/04/23 09:18
880-26742-19	MW-14-W-230403	Water	04/03/23 13:00	04/04/23 09:18
880-26742-20	MW-5-W-230403	Water	04/03/23 14:10	04/04/23 09:18
880-26742-21	MW-10-W-230403	Water	04/03/23 15:10	04/04/23 09:18
880-26742-22	MW-14-WD-230403	Water	04/03/23 00:00	04/04/23 09:18
880-26742-23	MW-18-W-230403	Water	04/03/23 14:15	04/04/23 09:18
880-26742-24	MW-22-W-230403	Water	04/03/23 13:35	04/04/23 09:18
880-26742-25	MW-25-WD-230403	Water	04/03/23 00:00	04/04/23 09:18
880-26742-26	MW-21-W-230403	Water	04/03/23 13:30	04/04/23 09:18
880-26742-27	MW-43-FF-W-230403	Water	04/03/23 12:15	04/04/23 09:18
880-26742-28	MW-17-W-230403	Water	04/03/23 13:30	04/04/23 09:18
880-26742-29	MW-24-W-230403	Water	04/03/23 14:50	04/04/23 09:18
880-26742-30	MW-12-W-230403	Water	04/03/23 13:25	04/04/23 09:18
880-26742-31	MW-16-W-230403	Water	04/03/23 14:20	04/04/23 09:18

Eurofins Midland

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

Chain of Custody Record



Environment Test

4/27/2023 (Rev. 1)

Client Information		Sampler	Lab PM	Carrier Tracking No(s)	COC No					
Client Contact: Christopher Knight		Phone: 432-557-0215	Simmons Debbie	E-Mail: Debbie.Simmons@et.eurofinsus.com	880-5502-730 1					
Company: GHD Services Inc		PWSID:	Page 1 of 3							
Address: 2135 South Loop 250 West		Due Date Requested	Analysis Requested							
City: Midland		TAT Requested (days)	Job # 24742							
State Zip: TX 79703		Compliance Project: ☐ Yes ☐ No	Preservation Codes							
Phone:		PO #: 340-008333	A HCL M - Hexane							
Email: christopher.knight@ghd.com		WO #: 12586708	B NaOH N None							
Project Name: Scout EM Dollarhide		Project #: 88001699	C Zn Acetate O AsNaO2							
Site:		SSOW#	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:							
			Special Instructions/Note							
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)	TDS (2540C, Calcd)	Chloride (300_ORGFM_280)	Total Number of containers
MW-19-W-230403		4-3-23	1440	6	Water	N	N	N	N	X
MW-20-W-230403			1500		Water	N	N	N	N	X
MW-58-B-3-W-230403			1150		Water	N	N	N	N	X
MW-11-W-230403			1525		Water	N	N	N	N	X
MW-30-W-230403			1315		Water	N	N	N	N	X
MW-58-B-3-W-230403					Water	N	N	N	N	X
Livermore-W-230403			1350		Water	N	N	N	N	X
MW-23-W-230403			1335		Water	N	N	N	N	X
NM-MW-10-W-230403			1010		Water	N	N	N	N	X
MW-31-W-230403			1515		Water	N	N	N	N	X
MW-45-E-3-W-230403			1200		Water	N	N	N	N	X
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ 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: [Signature]		Date/Time: 4-4-23 / 0918	Company:	Received by: [Signature]	Date/Time: 4/4/23 0918					
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:					
Relinquished by:		Date/Time:	Company:	Received by:	Date/Time:					
Custody Seals Intact. ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks						
				3.4/3.3 -03						

Page 32 of 38

Released to Imaging: 6/17/2024 3:14:12 PM

Eurofins Midland

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

Chain of Custody Record

eurofins

Client Information		Sampler: <u>Mitchell Clerow</u>		Lab PM: <u>Simmons Debbie</u>		Carrier Tracking No(s)		COC No: <u>880-5502 730 1</u>													
Client Contact: <u>Christopher Knight</u>		Phone: <u>432 557-0215</u>		E-Mail: <u>Debbie.Simmons@et.eurofinsus.com</u>		State of Origin:		Page <u>2</u> of <u>3</u>													
Company: <u>GHD Services Inc</u>		PWSID		Job #: <u>24742</u>																	
Address: <u>2135 South Loop 250 West</u>		Due Date Requested		Analysis Requested																	
City: <u>Midland</u>		TAT Requested (days)																			
State/Zip: <u>TX 79703</u>		Compliance Project: ☐ Yes ☐ No																			
Phone		PO #: <u>340-008333</u>																			
Email: <u>christopher.knight@ghd.com</u>		WO #: <u>12586708</u>																			
Project Name: <u>Scout EM Dollarhide</u>		Project #: <u>88001699</u>		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 Ace. one J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify) Other:																	
Site: <u>SSOW#</u>		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)		Preservation Code																			
MW-13-W-230403		4-3-23		13:20		G		Water		N		N		X		X		Total Number of containers		Special Instructions/Note	
MW-20-W-230403				14:55				Water													
MW-4-W-230403				13:10				Water													
Wilson ranch-well-W-230403				11:30				Water													
MW-25-W-230403				14:25				Water													
TABAC-4-W-230403				12:30				Water													
MW-6-W-230403				15:35				Water													
MW-14-W-230403				13:00				Water													
MW-5-W-230403				14:10				Water													
MW-10-W-230403				15:10				Water													
MW-14-WD 230403		✓				✓		Water													
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										☐ 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											
Relinquished by: <u>Mitchell Clerow</u>										Date/TIME: <u>4-4-23 0918</u>											
Relinquished by:										Date/TIME:											
Relinquished by:										Date/TIME:											
Custody Seals Intact ☐ Yes ☐ No										Custody Seal No											
Cooler Temperature(s) °C and Other Remarks										3.0/3.3 -0.3											

Eurofins Midland

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

Chain of Custody Record

eurofins

Client Information		Sampler: <u>Mitchell Clemens</u>		Lab PM: <u>Simmons Debbie</u>		Carrier Tracking No(s)		COC No: <u>880-5502 730 1</u>											
Client Contact: <u>Christopher Knight</u>		Phone: <u>432-557-0215</u>		E-Mail: <u>Debbie.Simmons@et.eurofinsus.com</u>		State of Origin		Page <u>3</u> of <u>3</u>											
Company: <u>GHD Services Inc</u>		PWSID:		Analysis Requested															
Address: <u>2135 South Loop 250 West</u>		Due Date Requested		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) TDS (2540C, Calcd) Chloride (300_ORGFM_280) Total Number of Containers															
City: <u>Midland</u>		TAT Requested (days)																	
State/Zip: <u>TX 79703</u>		Compliance Project: ☐ Yes ☐ No																	
Phone:		PO #: <u>340-008333</u>																	
Email: <u>christopher.knight@ghd.com</u>		WO #: <u>12586708</u>																	
Project Name: <u>Scout EM Dollarhide</u>		Project #: <u>88001699</u>		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)															
Site:		SSOW#:																	
Sample Identification		Sample Date																	
Sample Time		Sample Type (C=comp, G=grab)																	
Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)		Preservation Code																	
MW-18-W-230403		4-3-23		14:15		G		Water		X		N		N		X		Special Instructions/Note	
MW-16-W-230403		13:35		13:35		Water		Water		Water		Water		Water		Water		Water	
MW-22-W-230403		13:35		13:35		Water		Water		Water		Water		Water		Water		Water	
MW-25-W-230403		-		-		Water		Water		Water		Water		Water		Water		Water	
MW-21-W-230403		13:30		13:30		Water		Water		Water		Water		Water		Water		Water	
MW-43 FF-W-230403		12:15		12:15		Water		Water		Water		Water		Water		Water		Water	
MW-17-W-230403		13:30		13:30		Water		Water		Water		Water		Water		Water		Water	
MW-24-W-230403		14:50		14:50		Water		Water		Water		Water		Water		Water		Water	
MW-12-W-230403		13:25		13:25		Water		Water		Water		Water		Water		Water		Water	
MW-16-W-230403		14:20		14:20		Water		Water		Water		Water		Water		Water		Water	
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Special Instructions/QC Requirements															
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																	
Deliverable Requested I II III IV Other (specify)		Empty Kit Relinquished by		Date		Time		Method of Shipment											
Relinquished by: <u>[Signature]</u>		Date/Time: <u>4-4-23 9:18</u>		Company: <u>Eurofins</u>		Received by: <u>[Signature]</u>		Date/Time: <u>4/4/23 9:18</u>											
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:											
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:											
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>3.6/3.3 -0.3</u>															

Environment Testing

Client Information (Sub Contract Lab)						Sampler		Lab PM:		Carrier Tracking No(s):	
Client Contact: Shipping/Receiving						Phone:		Simmons, Debbie		COC No: 880-6689.1	
Company: Eurofins Environment Testing South Centr								E-Mail: Debbie.Simmons@et.eurofinsus.com		State of Origin: New Mexico	
Address: 4145 Greenbriar Dr						Due Date Requested: 4/10/2023		Accreditations Required (See note): NELAP Texas		Page: Page 1 of 4	
City: Stafford						TAT Requested (days):				Job #: 880-26742-1	
State, Zip: TX, 77477										Preservation Codes:	
Phone: 281-240-4200(Tel)						PO #:				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)	
Email:						WO #:				Other	
Project Name: Dollarhide (Scout EM)						Project #: 88000225					
Site:						SSOW#:					
Sample Identification Client ID (Lab ID)						Sample Date		Sample Time		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	
MW-19-W-230403 (880-26742-1)						4/3/23		14.40 Mountain		Water	
MW-20-W-230403 (880-26742-2)						4/3/23		15:00 Mountain		Water	
MW-58-B-3-W-230403 (880-26742-3)						4/3/23		11:50 Mountain		Water	
MW-11-W-230403 (880-26742-4)						4/3/23		15:25 Mountain		Water	
MW-30-W-230403 (880-26742-5)						4/3/23		13:15 Mountain		Water	
MW-58-B-3-WD-230403 (880-26742-6)						4/3/23		Mountain		Water	
Livermore-W-230403 (880-26742-7)						4/3/23		13:50 Mountain		Water	
MW-23-W-230403 (880-26742-8)						4/3/23		13:35 Mountain		Water	
NW-MW-1D-W-230403 (880-26742-9)						4/3/23		10:10 Mountain		Water	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our 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: [Signature]						Date/Time:		Company		Received by: FedEX	
Relinquished by: FedEX						Date/Time:		Company		Received by: [Signature] Date/Time: 4/6/2023 9:46 Company EX	
Relinquished by:						Date/Time:		Company		Received by: Date/Time: Company	
Custody Seals Intact:						Custody Seal No		Cooler Temperature(s) °C and Other Remarks:		Temp: IR ID:HOU-344	
Δ Yes Δ No										C/F -0.2 23	

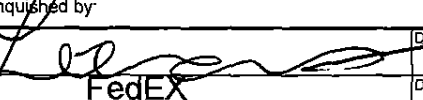
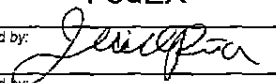
Eurofins Midland

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

Chain of Custody Record



Environment Test' ng

Client Information (Sub Contract Lab)		Sampler		Lab PM: Simmons, Debbie		Carrier Tracking No(s).		COC No: 880-6689.3			
Client Contact: Shipping/Receiving		Phone:		E-Mail: Debbie.Simmons@et.eurofinsus.com		State of Origin: New Mexico		Page: Page 3 of 4			
Company: Eurofins Environment Testing South Cent		Accreditations Required (See note): NELAP Texas		Job #: 880-26742-1							
Address: 4145 Greenbriar Dr		Due Date Requested: 4/10/2023		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 Ice U Acetone J Di Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify) Other					
City: Stafford		TAT Requested (days):									
State, Zip: TX, 77477		PO #:									
Phone: 281-240-4200(Tel)		WO #:									
Email:		Project #: 88000225									
Project Name: Dollarhide (Scout EM)		SSOW#:									
Site:											
Sample Identification Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=organic/oil, ST=Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFW_28DI Chloride	2640C_Calcd	Total Number of Containers	Special Instructions/Note:
MW-14-W-230403 (880-26742-19)		4/3/23	13:00 Mountain		Water		X	X		1	
MW-5-W-230403 (880-26742-20)		4/3/23	14:10 Mountain		Water		X	X		1	
MW-10-W-230403 (880-26742-21)		4/3/23	15:10 Mountain		Water		X	X		1	
MW-14-WD-230403 (880-26742-22)		4/3/23	Mountain		Water		X	X		1	
MW-18-W-230403 (880-26742-23)		4/3/23	14:15 Mountain		Water		X	X		1	
MW-22-W-230403 (880-26742-24)		4/3/23	13:35 Mountain		Water		X	X		1	
MW-25-WD-230403 (880-26742-25)		4/3/23	Mountain		Water		X	X		1	
MW-21-W-230403 (880-26742-26)		4/3/23	13:30 Mountain		Water		X	X		1	
MW-43-FF-W-230403 (880-26742-27)		4/3/23	12:15 Mountain		Water		X	X		1	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our 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: FedEX		Date/Time:		Company:	
Relinquished by: FedEX		Date/Time:		Company:		Received by: 		Date/Time: 4/6/2023 9:46		Company: EX	
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		Temp: C/F: 0 22.3		IR ID: HOU-344			
						Corrected Temp: 21					

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26742-1

SDG Number: 12586708

Login Number: 26742

List Number: 1

Creator: Teel, Brianna

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	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26742-1

SDG Number: 12586708

Login Number: 26742

List Number: 2

Creator: Pena, Jesiel

List Source: Eurofins Houston

List Creation: 04/06/23 08:34 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	
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?	N/A	
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

Historical Groundwater Analytical Data

Appendix C
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 Water Standards (mg/L)		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
	3/29/2023	4,660	6,900
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
	3/29/2023	4,520	7,670
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
	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

Appendix C
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 Water Standards (mg/L)		300	1,000
	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
	3/29/2023	5,120	8,470
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
	3/29/2023	5,210	11,300

Notes:

- Constituent concentrations are reported in milligrams per liter (mg/L).
 - Bold font and shading indicates that a detected result exceeded the TCEQ Secondary Drinking Water Standard.
- NS = Not Sampled
NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
	3/29/2023	5,270	11,400
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
	3/29/2023	4,810	6,710
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
	3/29/2023	4,580	8,190
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
	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

Appendix C
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 Water Standards (mg/L)		300	1,000
	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
	3/29/2023	2,600	4,840
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
	3/29/2023	1,690	3,930

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
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NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
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
	3/29/2023	1,130	2,670

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
 2. Bold font and shading indicates that a detected result exceeded the TCEQ Secondary Drinking Water Standard.
- NS = Not Sampled
NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	1/12/2021	3,770	6,450
	7/27/2021	3,750	9,810
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
	3/29/2023	6,480	11,600

Notes:

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NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	3/29/2023	3,740	8,620
58-B-3-MW			
	2/28/2007	607	2,150
	7/26/2007	1,200	2,340
	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
	4/3/2023	1,840	3,470

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
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- NS = Not Sampled
NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
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
	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
	3/31/2023	629	1,340
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

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
 2. Bold font and shading indicates that a detected result exceeded the TCEQ Secondary Drinking Water Standard.
- NS = Not Sampled
NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
	7/28/2021	326	951
	4/3/2023	298	881
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
	4/3/2023	222	862
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
	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
	10/12/2020	423	1,440
	1/11/2021	380	1,580
	4/7/2021	NS	NS
	7/27/2021	412	1,470
	4/3/2023	359	1,230
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

Notes:

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Appendix C
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 Water Standards (mg/L)		300	1,000
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
	3/29/2023	1,120	2,340
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
	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
	3/29/2023	2,560	4,720
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
	4/3/2023	4,730	11,700

Notes:

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Appendix C
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 Water Standards (mg/L)		300	1,000
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
	4/3/2023	6,150	13,800
MW-12			
	8/10/2015	7,680	20,500
	1/28/2016	12,800	24,400
	7/20/2016	12,000	27,500
	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
	4/3/2023	12,800	38,200
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
	4/3/2023	1,330	2,920
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

Appendix C
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 Water Standards (mg/L)		300	1,000
	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
	4/3/2023	1,700	3,620
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
	3/31/2023	896	1,800
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
	4/3/2023	672	1,890
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
	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
	4/3/2023	6,290	11,600
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

Appendix C
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 Water Standards (mg/L)		300	1,000
	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
	4/3/2023	21,400	38,600
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
	4/3/2023	6,070	12,100
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
	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
	4/3/2023	1,270	3,010
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

Appendix C
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 Water Standards (mg/L)		300	1,000
	4/3/2023	5,760	9,000
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
	4/3/2023	10,500	20,600

Notes:

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NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
	4/3/2023	2,370	3,840
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
	4/3/2023	3,990	8,480
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
	4/3/2023	21,200	43,900

Notes:

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NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
	4/3/2023	1,330	4,280
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
	3/29/2023	2,390	3,690
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
	3/29/2023	4,530	7,660

Notes:

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Appendix C
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 Water Standards (mg/L)		300	1,000
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
	3/29/2023	666	1,830
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
	4/3/2023	1,960	4,440
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
	4/3/2023	9,560	15,100
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
	3/29/2023	319	1,140

Notes:

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Appendix C
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 Water Standards (mg/L)		300	1,000
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
	3/29/2023	234	1,240
MW-34			
	4/10/2019	69.9	600
	7/15/2019	64.2	621
	10/15/2019	66.5	604
	1/23/2020	73.3	606
	4/10/2020	69.6	618
	7/14/2020	71.3	613
	10/8/2020	73.3	608
	1/8/2021	70.8	610
	4/7/2021	66.0	619
	7/26/2021	72.7	613
	3/29/2023	70.9	650
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
	3/29/2023	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
	3/31/2023	812	1,360

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Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
	3/31/2023	386	898
NM-MW-4			
	12/3/2015	739	2,960
	1/28/2016	22.8	821
	7/22/2016	40.9	444
	1/12/2017	48.7	379
	4/7/2017	35.0	410
	7/13/2017	36.1	422
	10/6/2017	42.0	468
	1/12/2018	39	217
	4/5/2018	34	410
	7/6/2018	40.6	414
	10/3/2018	39.7	411
	1/7/2019	258	1,240
	4/4/2019	188	420
	7/11/2019	40.6	423
	10/15/2019	46.2	430
	1/20/2020	44.1	388
	4/9/2020	45.8	513
	7/14/2020	46.9	419
	10/7/2020	47.7	431
	1/7/2021	44.4	435
	4/7/2021	NS	NS
	7/23/2021	48	417
	3/31/2023	50	613
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
	3/29/2023	146	1,510

Notes:

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Appendix C
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 Water Standards (mg/L)		300	1,000
NM-MW-6			
	12/2/2015	188	1,240
	1/28/2016	183	1,060
	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
	3/29/2023	172	874
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
	3/31/2023	2,060	3,680
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
	3/31/2023	6,440	9,200

Notes:

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Appendix C
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 Water Standards (mg/L)		300	1,000
NM-MW-9			
	1/13/2017	NS	NS
	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
	3/31/2023	230	724
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
	4/3/2023	308	1,540
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
	3/30/2023	160	1,740
NM-MW-12			
	3/3/2017	760	1,460
	4/7/2017	725	2,230
	7/17/2017	726	1,540
	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
	3/30/2023	368	932

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	3/30/2023	195	1,060
NM-MW-14			
	2/18/2020	24.4	457
	4/10/2020	25.7	482
	7/13/2020	25.0	488
	10/8/2020	26.4	465
	1/8/2021	95.2	455
	4/7/2021	26.4	466
	7/26/2021	28	500
	3/31/2023	30	533
NM-MW-15			
	2/18/2020	55.9	499
	4/9/2020	55.6	530
	7/10/2020	57.3	509
	10/8/2020	59.9	521
	1/8/2021	56.4	507
	4/7/2021	58.1	519
	7/26/2021	57	516
	3/30/2023	55	483
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
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
	3/30/2023	240	1,030
NM-MW-20			
	2/18/2020	21.8	372
	4/9/2020	21.0	408
	7/10/2020	22.2	377
	10/8/2020	23.0	402
	1/8/2021	23.9	381
	4/7/2021	23.4	377
	7/26/2021	22	409
	3/30/2023	21	315
NM-MW-21			
	2/18/2020	31.5	533
	4/9/2020	28.3	560
	7/10/2020	28.8	524
	10/8/2020	29.8	523
	1/8/2021	29.0	541
	4/7/2021	28.1	529
	7/26/2021	28	558
	3/30/2023	34	486

Notes:

- Constituent concentrations are reported in milligrams per liter (mg/L).
 - Bold font and shading indicates that a detected result exceeded the TCEQ Secondary Drinking Water Standard.
- NS = Not Sampled
NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
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
	4/3/2023	1,990	3,650

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	7/28/2021	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
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	47.4	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
	3/31/2023	2,070	3,560

Notes:

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

NS = Not Sampled

NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
	4/3/2023	327	1,330
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

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
 2. Bold font and shading indicates that a detected result exceeded the TCEQ Secondary Drinking Water Standard.
- NS = Not Sampled
NS = Not Applicable

Appendix C
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 Water Standards (mg/L)		300	1,000
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
	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
	4/3/2023	852	1,990
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

Notes:

1. Constituent concentrations are reported in milligrams per liter (mg/L).
 2. Bold font and shading indicates that a detected result exceeded the TCEQ Secondary Drinking Water Standard.
- NS = Not Sampled
NS = Not Applicable

Appendix D

Data Validation Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/27/2023 5:08:52 PM Revision 1

JOB DESCRIPTION

Dollarhide (Scout EM)
SDG NUMBER 12586708

JOB NUMBER

880-26742-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

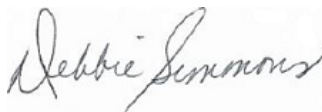
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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



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

Generated
4/27/2023 5:08:52 PM
Revision 1

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Laboratory Job ID: 880-26742-1
SDG: 12586708

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Definitions/Glossary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
b	The compound was found in the blank and sample
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
H	Sample was prepped or analyzed beyond the specified holding time
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.
α	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: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Job ID: 880-26742-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-26742-1**

Comments

04.27.23: per Chris Knight: The project team has requested a revision to this report. Please revise the report and EDD.

Sample ID: 880-26742-9

Incorrect: NW-MW-1D-W-230403

Correct: NM-MW-10-W-230403

Sample ID: 880-26742-13

Incorrect: MW-20-W-230403

Correct: MW-26-W-230403

Receipt

The samples were received on 4/4/2023 9:18 AM. 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 was 3.3° C.

General Chemistry

Method SM 2540C: Reanalysis of the following samples were performed outside of the analytical holding time due to Total Dissolved Solids and Conductivity out of ratio (<0.55 or >1.0): MW-19-W-230403 (880-26742-1), MW-20-W-230403 (880-26742-2), MW-11-W-230403 (880-26742-4), MW-25-W-230403 (880-26742-16) and MW-18-W-230403 (880-26742-23).

Method SM 2540C: Reanalysis of the following samples were performed outside of the analytical holding time due to Total Dissolved Solids and Conductivity out of ratio : MW-20-W-230403 (880-26742-2) and MW-11-W-230403 (880-26742-4).

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-20-W-230403 (880-26742-2) and MW-58-B-3-W-230403 (880-26742-3). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11-W-230403 (880-26742-4), MW-30-W-230403 (880-26742-5), MW-58-B-3-WD-230403 (880-26742-6), Livermore-W-230403 (880-26742-7), MW-23-W-230403 (880-26742-8), MW-31-W-230403 (880-26742-10), MW-45-E-3-W-230403 (880-26742-11), MW-13-W-230403 (880-26742-12), MW-26-W-230403 (880-26742-13), Wilson Ranch Well-W-230403 (880-26742-15), MW-25-W-230403 (880-26742-16) and MW-14-W-230403 (880-26742-19). Elevated reporting limits (RLs) are provided.

Method 300.0: The instrument blank/CCB for analytical batch 860-99618 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The method blank for analytical batch 860-100086 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 300.0: The instrument blank/CCB for analytical batch 860-100086 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-21-W-230403 (880-26742-26), MW-43-FF-W-230403 (880-26742-27) and MW-16-W-230403 (880-26742-31). Elevated reporting limits (RLs) are provided.

Method 300.0: The instrument blank/CCB for analytical batch 860-100147 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because Associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Case Narrative

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Job ID: 880-26742-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 300.0: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-14-WD-230403 (880-26742-22). Elevated reporting limits (RLs) are provided.

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

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Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-19-W-230403

Lab Sample ID: 880-26742-1

Date Collected: 04/03/23 14:40

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6070		50.0	25.0	mg/L			04/19/23 19:54	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	12100	H	100	100	mg/L			04/11/23 16:00	1

Client Sample ID: MW-20-W-230403

Lab Sample ID: 880-26742-2

Date Collected: 04/03/23 15:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		5.00	2.50	mg/L			04/19/23 21:08	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3010	H	40.0	40.0	mg/L			04/24/23 10:40	1

Client Sample ID: MW-58-B-3-W-230403

Lab Sample ID: 880-26742-3

Date Collected: 04/03/23 11:50

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1840		5.00	2.50	mg/L			04/19/23 21:23	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3470		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-11-W-230403

Lab Sample ID: 880-26742-4

Date Collected: 04/03/23 15:25

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6150		50.0	25.0	mg/L			04/20/23 15:29	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	13800	H	100	100	mg/L			04/24/23 10:40	1

Client Sample ID: MW-30-W-230403

Lab Sample ID: 880-26742-5

Date Collected: 04/03/23 13:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1960		5.00	2.50	mg/L			04/20/23 11:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4440		40.0	40.0	mg/L			04/10/23 09:15	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-58-B-3-WD-230403

Lab Sample ID: 880-26742-6

Date Collected: 04/03/23 00:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		5.00	2.50	mg/L			04/20/23 11:26	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3900		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: Livermore-W-230403

Lab Sample ID: 880-26742-7

Date Collected: 04/03/23 13:50

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1990		5.00	2.50	mg/L			04/20/23 11:38	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3650		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-23-W-230403

Lab Sample ID: 880-26742-8

Date Collected: 04/03/23 13:35

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		5.00	2.50	mg/L			04/20/23 11:50	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3840		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: NW-MW-10-W-230403

Lab Sample ID: 880-26742-9

Date Collected: 04/03/23 10:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	308		0.500	0.250	mg/L			04/20/23 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1540		20.0	20.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-31-W-230403

Lab Sample ID: 880-26742-10

Date Collected: 04/03/23 15:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9560		50.0	25.0	mg/L			04/20/23 15:48	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15100		100	100	mg/L			04/10/23 09:15	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-45-E-3-W-230403

Lab Sample ID: 880-26742-11

Date Collected: 04/03/23 12:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3750		5.00	2.50	mg/L			04/20/23 15:35	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7190		100	100	mg/L			04/10/23 08:56	1

Client Sample ID: MW-13-W-230403

Lab Sample ID: 880-26742-12

Date Collected: 04/03/23 13:20

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.50	mg/L			04/20/23 12:28	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2920		40.0	40.0	mg/L			04/10/23 08:56	1

Client Sample ID: MW-26-W-230403

Lab Sample ID: 880-26742-13

Date Collected: 04/03/23 14:55

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.50	mg/L			04/20/23 12:40	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4280		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-4-W-230403

Lab Sample ID: 880-26742-14

Date Collected: 04/03/23 03:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		0.500	0.250	mg/L			04/20/23 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	881		10.0	10.0	mg/L			04/10/23 09:15	1

Client Sample ID: Wilson Ranch Well-W-230403

Lab Sample ID: 880-26742-15

Date Collected: 04/03/23 11:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	852		5.00	2.50	mg/L			04/20/23 13:43	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1990		20.0	20.0	mg/L			04/10/23 09:15	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-25-W-230403

Lab Sample ID: 880-26742-16

Date Collected: 04/03/23 14:25

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21200		50.0	25.0	mg/L			04/20/23 15:54	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	43900	H	1000	1000	mg/L			04/11/23 16:00	1

Client Sample ID: TRAC-4-W-230403

Lab Sample ID: 880-26742-17

Date Collected: 04/03/23 12:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		0.500	0.250	mg/L			04/20/23 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1330		20.0	20.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-6-W-230403

Lab Sample ID: 880-26742-18

Date Collected: 04/03/23 15:35

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	359		0.500	0.250	mg/L			04/20/23 14:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1230		20.0	20.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-14-W-230403

Lab Sample ID: 880-26742-19

Date Collected: 04/03/23 13:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		5.00	2.50	mg/L			04/20/23 14:46	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3620		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-5-W-230403

Lab Sample ID: 880-26742-20

Date Collected: 04/03/23 14:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		0.500	0.250	mg/L			04/20/23 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	862		10.0	10.0	mg/L			04/10/23 09:15	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-10-W-230403

Lab Sample ID: 880-26742-21

Date Collected: 04/03/23 15:10

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4730		5.00	2.50	mg/L			04/20/23 15:04	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11700		100	100	mg/L			04/10/23 09:15	1

Client Sample ID: MW-14-WD-230403

Lab Sample ID: 880-26742-22

Date Collected: 04/03/23 00:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		5.00	2.50	mg/L			04/25/23 08:01	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2910		40.0	40.0	mg/L			04/10/23 09:15	1

Client Sample ID: MW-18-W-230403

Lab Sample ID: 880-26742-23

Date Collected: 04/03/23 14:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21400	b	50.0	25.0	mg/L			04/23/23 00:22	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	38600	H	200	200	mg/L			04/11/23 16:00	1

Client Sample ID: MW-22-W-230403

Lab Sample ID: 880-26742-24

Date Collected: 04/03/23 13:35

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10500	b	50.0	25.0	mg/L			04/22/23 23:57	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	20600		200	200	mg/L			04/10/23 08:56	1

Client Sample ID: MW-25-WD-230403

Lab Sample ID: 880-26742-25

Date Collected: 04/03/23 00:00

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22200	b	50.0	25.0	mg/L			04/23/23 00:34	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	29900		200	200	mg/L			04/10/23 12:22	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-21-W-230403

Lab Sample ID: 880-26742-26

Date Collected: 04/03/23 13:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5760	b	50.0	25.0	mg/L			04/22/23 23:26	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	9000		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-43-FF-W-230403

Lab Sample ID: 880-26742-27

Date Collected: 04/03/23 12:15

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3450	b	5.00	2.50	mg/L			04/22/23 22:42	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7190		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-17-W-230403

Lab Sample ID: 880-26742-28

Date Collected: 04/03/23 13:30

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6290	b	50.0	25.0	mg/L			04/22/23 23:51	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	11600		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-24-W-230403

Lab Sample ID: 880-26742-29

Date Collected: 04/03/23 14:50

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3990	b	5.00	2.50	mg/L			04/22/23 23:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8480		100	100	mg/L			04/10/23 12:22	1

Client Sample ID: MW-12-W-230403

Lab Sample ID: 880-26742-30

Date Collected: 04/03/23 13:25

Matrix: Water

Date Received: 04/04/23 09:18

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12800	b	50.0	25.0	mg/L			04/23/23 00:03	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	38200		200	200	mg/L			04/10/23 12:22	1

Eurofins Midland

Client Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-16-W-230403
Date Collected: 04/03/23 14:20
Date Received: 04/04/23 09:18

Lab Sample ID: 880-26742-31
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	672	b	5.00	2.50	mg/L			04/22/23 23:07	10

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1890		20.0	20.0	mg/L			04/10/23 12:22	1

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-100086/3

Matrix: Water

Analysis Batch: 100086

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.3220	J	0.500	0.250	mg/L			04/22/23 13:33	1

Lab Sample ID: MB 860-100086/59

Matrix: Water

Analysis Batch: 100086

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.3246	J	0.500	0.250	mg/L			04/22/23 21:21	1

Lab Sample ID: LCS 860-100086/60

Matrix: Water

Analysis Batch: 100086

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	9.070		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-100086/61

Matrix: Water

Analysis Batch: 100086

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	9.040		mg/L		90	90 - 110	0	20

Lab Sample ID: LLCS 860-100086/7

Matrix: Water

Analysis Batch: 100086

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	0.6174		mg/L		123	50 - 150

Lab Sample ID: MB 860-100147/13

Matrix: Water

Analysis Batch: 100147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/24/23 18:50	1

Lab Sample ID: MB 860-100147/88

Matrix: Water

Analysis Batch: 100147

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/25/23 06:38	1

Lab Sample ID: LCS 860-100147/89

Matrix: Water

Analysis Batch: 100147

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	10.18		mg/L		102	90 - 110

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QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 860-100147/90

Matrix: Water

Analysis Batch: 100147

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	10.19		mg/L		102	90 - 110	0	20

Lab Sample ID: LLCS 860-100147/17

Matrix: Water

Analysis Batch: 100147

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	0.5431		mg/L		109	50 - 150		

Lab Sample ID: MB 860-99493/3

Matrix: Water

Analysis Batch: 99493

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/19/23 15:19	1

Lab Sample ID: MB 860-99493/44

Matrix: Water

Analysis Batch: 99493

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/19/23 20:23	1

Lab Sample ID: LCS 860-99493/4

Matrix: Water

Analysis Batch: 99493

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	10.29		mg/L		103	90 - 110		

Lab Sample ID: LCS 860-99493/45

Matrix: Water

Analysis Batch: 99493

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	10.41		mg/L		104	90 - 110		

Lab Sample ID: LCSD 860-99493/46

Matrix: Water

Analysis Batch: 99493

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	10.43		mg/L		104	90 - 110	0	20

Lab Sample ID: LCSD 860-99493/5

Matrix: Water

Analysis Batch: 99493

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	10.30		mg/L		103	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LLCS 860-99493/7
Matrix: Water
Analysis Batch: 99493

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	0.5952		mg/L		119	50 - 150

Lab Sample ID: MB 860-99618/3
Matrix: Water
Analysis Batch: 99618

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/20/23 09:59	1

Lab Sample ID: LCS 860-99618/4
Matrix: Water
Analysis Batch: 99618

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	9.252		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-99618/5
Matrix: Water
Analysis Batch: 99618

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	9.211		mg/L		92	90 - 110	0	20

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

Lab Sample ID: MB 860-100054/1
Matrix: Water
Analysis Batch: 100054

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			04/24/23 10:40	1

Lab Sample ID: LCS 860-100054/2
Matrix: Water
Analysis Batch: 100054

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 860-100054/3
Matrix: Water
Analysis Batch: 100054

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	1002		mg/L		100	80 - 120	0	10

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Lab Sample ID: LLCS 860-100054/4

Matrix: Water

Analysis Batch: 100054

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 860-97954/1

Matrix: Water

Analysis Batch: 97954

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			04/10/23 08:56	1

Lab Sample ID: LCS 860-97954/2

Matrix: Water

Analysis Batch: 97954

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	993.0		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-97954/3

Matrix: Water

Analysis Batch: 97954

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	1024		mg/L		102	80 - 120	3	10

Lab Sample ID: LLCS 860-97954/4

Matrix: Water

Analysis Batch: 97954

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	7.000		mg/L		140	50 - 150

Lab Sample ID: MB 860-97968/1

Matrix: Water

Analysis Batch: 97968

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			04/10/23 09:15	1

Lab Sample ID: LCS 860-97968/2

Matrix: Water

Analysis Batch: 97968

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	1004		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-97968/3

Matrix: Water

Analysis Batch: 97968

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	1009		mg/L		101	80 - 120	0	10

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Lab Sample ID: LLCS 860-97968/4
Matrix: Water
Analysis Batch: 97968

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	<5.00	U	mg/L		70	50 - 150

Lab Sample ID: 880-26742-13 DU
Matrix: Water
Analysis Batch: 97968

Client Sample ID: MW-26-W-230403
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4280		4312		mg/L		0.7	10

Lab Sample ID: MB 860-98003/1
Matrix: Water
Analysis Batch: 98003

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			04/10/23 12:22	1

Lab Sample ID: LCS 860-98003/2
Matrix: Water
Analysis Batch: 98003

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	1010		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-98003/3
Matrix: Water
Analysis Batch: 98003

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	1016		mg/L		102	80 - 120	1	10

Lab Sample ID: LLCS 860-98003/4
Matrix: Water
Analysis Batch: 98003

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: 880-26742-25 DU
Matrix: Water
Analysis Batch: 98003

Client Sample ID: MW-25-WD-230403
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	29900		30320		mg/L		1	10

Lab Sample ID: MB 860-98383/1
Matrix: Water
Analysis Batch: 98383

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			04/11/23 16:00	1

Eurofins Midland

QC Sample Results

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Lab Sample ID: LCS 860-98383/2
Matrix: Water
Analysis Batch: 98383

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 860-98383/3
Matrix: Water
Analysis Batch: 98383

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	1010		mg/L		101	80 - 120	0	10

Lab Sample ID: LLCS 860-98383/4
Matrix: Water
Analysis Batch: 98383

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	<5.00	U	mg/L		70	50 - 150

Lab Sample ID: MB 860-99721/1
Matrix: Water
Analysis Batch: 99721

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			04/20/23 15:46	1

Lab Sample ID: LCS 860-99721/2
Matrix: Water
Analysis Batch: 99721

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 860-99721/3
Matrix: Water
Analysis Batch: 99721

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	1002		mg/L		100	80 - 120	0	10

Lab Sample ID: LLCS 860-99721/4
Matrix: Water
Analysis Batch: 99721

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

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

HPLC/IC

Analysis Batch: 99493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-1	MW-19-W-230403	Total/NA	Water	300.0	
880-26742-2 - DL	MW-20-W-230403	Total/NA	Water	300.0	
880-26742-3 - DL	MW-58-B-3-W-230403	Total/NA	Water	300.0	
MB 860-99493/3	Method Blank	Total/NA	Water	300.0	
MB 860-99493/44	Method Blank	Total/NA	Water	300.0	
LCS 860-99493/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-99493/45	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99493/46	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-99493/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-99493/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 99618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-4 - DL2	MW-11-W-230403	Total/NA	Water	300.0	
880-26742-5 - DL	MW-30-W-230403	Total/NA	Water	300.0	
880-26742-6 - DL	MW-58-B-3-WD-230403	Total/NA	Water	300.0	
880-26742-7 - DL	Livermore-W-230403	Total/NA	Water	300.0	
880-26742-8 - DL	MW-23-W-230403	Total/NA	Water	300.0	
880-26742-9	NW-MW-10-W-230403	Total/NA	Water	300.0	
880-26742-10	MW-31-W-230403	Total/NA	Water	300.0	
880-26742-11 - DL	MW-45-E-3-W-230403	Total/NA	Water	300.0	
880-26742-12 - DL	MW-13-W-230403	Total/NA	Water	300.0	
880-26742-13 - DL	MW-26-W-230403	Total/NA	Water	300.0	
880-26742-14	MW-4-W-230403	Total/NA	Water	300.0	
880-26742-15 - DL	Wilson Ranch Well-W-230403	Total/NA	Water	300.0	
880-26742-16 - DL	MW-25-W-230403	Total/NA	Water	300.0	
880-26742-17	TRAC-4-W-230403	Total/NA	Water	300.0	
880-26742-18	MW-6-W-230403	Total/NA	Water	300.0	
880-26742-19 - DL	MW-14-W-230403	Total/NA	Water	300.0	
880-26742-20	MW-5-W-230403	Total/NA	Water	300.0	
880-26742-21	MW-10-W-230403	Total/NA	Water	300.0	
MB 860-99618/3	Method Blank	Total/NA	Water	300.0	
LCS 860-99618/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-99618/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Analysis Batch: 100086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-23	MW-18-W-230403	Total/NA	Water	300.0	
880-26742-24	MW-22-W-230403	Total/NA	Water	300.0	
880-26742-25	MW-25-WD-230403	Total/NA	Water	300.0	
880-26742-26 - DL	MW-21-W-230403	Total/NA	Water	300.0	
880-26742-27 - DL	MW-43-FF-W-230403	Total/NA	Water	300.0	
880-26742-28	MW-17-W-230403	Total/NA	Water	300.0	
880-26742-29	MW-24-W-230403	Total/NA	Water	300.0	
880-26742-30	MW-12-W-230403	Total/NA	Water	300.0	
880-26742-31 - DL	MW-16-W-230403	Total/NA	Water	300.0	
MB 860-100086/3	Method Blank	Total/NA	Water	300.0	
MB 860-100086/59	Method Blank	Total/NA	Water	300.0	
LCS 860-100086/60	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-100086/61	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-100086/7	Lab Control Sample	Total/NA	Water	300.0	

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

HPLC/IC

Analysis Batch: 100147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-22 - DL	MW-14-WD-230403	Total/NA	Water	300.0	
MB 860-100147/13	Method Blank	Total/NA	Water	300.0	
MB 860-100147/88	Method Blank	Total/NA	Water	300.0	
LCS 860-100147/89	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-100147/90	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-100147/17	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 97954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-11	MW-45-E-3-W-230403	Total/NA	Water	SM 2540C	
880-26742-12	MW-13-W-230403	Total/NA	Water	SM 2540C	
880-26742-24	MW-22-W-230403	Total/NA	Water	SM 2540C	
MB 860-97954/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97954/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97954/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97954/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 97968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-3	MW-58-B-3-W-230403	Total/NA	Water	SM 2540C	
880-26742-5	MW-30-W-230403	Total/NA	Water	SM 2540C	
880-26742-6	MW-58-B-3-WD-230403	Total/NA	Water	SM 2540C	
880-26742-7	Livermore-W-230403	Total/NA	Water	SM 2540C	
880-26742-8	MW-23-W-230403	Total/NA	Water	SM 2540C	
880-26742-9	NW-MW-10-W-230403	Total/NA	Water	SM 2540C	
880-26742-10	MW-31-W-230403	Total/NA	Water	SM 2540C	
880-26742-13	MW-26-W-230403	Total/NA	Water	SM 2540C	
880-26742-14	MW-4-W-230403	Total/NA	Water	SM 2540C	
880-26742-15	Wilson Ranch Well-W-230403	Total/NA	Water	SM 2540C	
880-26742-17	TRAC-4-W-230403	Total/NA	Water	SM 2540C	
880-26742-18	MW-6-W-230403	Total/NA	Water	SM 2540C	
880-26742-19	MW-14-W-230403	Total/NA	Water	SM 2540C	
880-26742-20	MW-5-W-230403	Total/NA	Water	SM 2540C	
880-26742-21	MW-10-W-230403	Total/NA	Water	SM 2540C	
880-26742-22	MW-14-WD-230403	Total/NA	Water	SM 2540C	
MB 860-97968/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-97968/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-97968/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-97968/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26742-13 DU	MW-26-W-230403	Total/NA	Water	SM 2540C	

Analysis Batch: 98003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-25	MW-25-WD-230403	Total/NA	Water	SM 2540C	
880-26742-26	MW-21-W-230403	Total/NA	Water	SM 2540C	
880-26742-27	MW-43-FF-W-230403	Total/NA	Water	SM 2540C	
880-26742-28	MW-17-W-230403	Total/NA	Water	SM 2540C	
880-26742-29	MW-24-W-230403	Total/NA	Water	SM 2540C	
880-26742-30	MW-12-W-230403	Total/NA	Water	SM 2540C	

Eurofins Midland

QC Association Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

General Chemistry (Continued)

Analysis Batch: 98003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-31	MW-16-W-230403	Total/NA	Water	SM 2540C	
MB 860-98003/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98003/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98003/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98003/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-26742-25 DU	MW-25-WD-230403	Total/NA	Water	SM 2540C	

Analysis Batch: 98383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-1	MW-19-W-230403	Total/NA	Water	SM 2540C	
880-26742-16	MW-25-W-230403	Total/NA	Water	SM 2540C	
880-26742-23	MW-18-W-230403	Total/NA	Water	SM 2540C	
MB 860-98383/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-98383/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-98383/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-98383/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 99721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-99721/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-99721/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-99721/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-99721/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 100054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26742-2	MW-20-W-230403	Total/NA	Water	SM 2540C	
880-26742-4	MW-11-W-230403	Total/NA	Water	SM 2540C	
MB 860-100054/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-100054/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-100054/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-100054/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-19-W-230403**Lab Sample ID: 880-26742-1****Date Collected: 04/03/23 14:40****Matrix: Water****Date Received: 04/04/23 09:18**

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			99493	04/19/23 19:54	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98383	04/11/23 16:00	DR	EET HOU

Client Sample ID: MW-20-W-230403**Lab Sample ID: 880-26742-2****Date Collected: 04/03/23 15:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99493	04/19/23 21:08	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	100054	04/24/23 10:40	DR	EET HOU

Client Sample ID: MW-58-B-3-W-230403**Lab Sample ID: 880-26742-3****Date Collected: 04/03/23 11:50****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99493	04/19/23 21:23	A1S	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-11-W-230403**Lab Sample ID: 880-26742-4****Date Collected: 04/03/23 15:25****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL2	100			99618	04/20/23 15:29	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	100054	04/24/23 10:40	DR	EET HOU

Client Sample ID: MW-30-W-230403**Lab Sample ID: 880-26742-5****Date Collected: 04/03/23 13:15****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:13	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-58-B-3-WD-230403**Lab Sample ID: 880-26742-6****Date Collected: 04/03/23 00:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:26	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: Livermore-W-230403**Lab Sample ID: 880-26742-7****Date Collected: 04/03/23 13:50****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:38	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-23-W-230403**Lab Sample ID: 880-26742-8****Date Collected: 04/03/23 13:35****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 11:50	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: NW-MW-10-W-230403**Lab Sample ID: 880-26742-9****Date Collected: 04/03/23 10:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 11:57	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-31-W-230403**Lab Sample ID: 880-26742-10****Date Collected: 04/03/23 15:15****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 15:48	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-45-E-3-W-230403**Lab Sample ID: 880-26742-11****Date Collected: 04/03/23 12:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 15:35	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97954	04/10/23 08:56	DR	EET HOU

Client Sample ID: MW-13-W-230403**Lab Sample ID: 880-26742-12****Date Collected: 04/03/23 13:20****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 12:28	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97954	04/10/23 08:56	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-26-W-230403**Lab Sample ID: 880-26742-13****Date Collected: 04/03/23 14:55****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 12:40	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-4-W-230403**Lab Sample ID: 880-26742-14****Date Collected: 04/03/23 03:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 12:47	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: Wilson Ranch Well-W-230403**Lab Sample ID: 880-26742-15****Date Collected: 04/03/23 11:30****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 13:43	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-25-W-230403**Lab Sample ID: 880-26742-16****Date Collected: 04/03/23 14:25****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	100			99618	04/20/23 15:54	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	1 mL	200 mL	98383	04/11/23 16:00	DR	EET HOU

Client Sample ID: TRAC-4-W-230403**Lab Sample ID: 880-26742-17****Date Collected: 04/03/23 12:30****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 14:15	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-6-W-230403**Lab Sample ID: 880-26742-18****Date Collected: 04/03/23 15:35****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 14:27	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-14-W-230403**Lab Sample ID: 880-26742-19****Date Collected: 04/03/23 13:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			99618	04/20/23 14:46	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-5-W-230403**Lab Sample ID: 880-26742-20****Date Collected: 04/03/23 14:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 14:52	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-10-W-230403**Lab Sample ID: 880-26742-21****Date Collected: 04/03/23 15:10****Matrix: Water****Date Received: 04/04/23 09:18**

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			99618	04/20/23 15:04	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-14-WD-230403**Lab Sample ID: 880-26742-22****Date Collected: 04/03/23 00:00****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			100147	04/25/23 08:01	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	97968	04/10/23 09:15	DR	EET HOU

Client Sample ID: MW-18-W-230403**Lab Sample ID: 880-26742-23****Date Collected: 04/03/23 14:15****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/23/23 00:22	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	98383	04/11/23 16:00	DR	EET HOU

Client Sample ID: MW-22-W-230403**Lab Sample ID: 880-26742-24****Date Collected: 04/03/23 13:35****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/22/23 23:57	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	97954	04/10/23 08:56	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-25-WD-230403**Lab Sample ID: 880-26742-25****Date Collected: 04/03/23 00:00****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/23/23 00:34	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-21-W-230403**Lab Sample ID: 880-26742-26****Date Collected: 04/03/23 13:30****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	100			100086	04/22/23 23:26	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-43-FF-W-230403**Lab Sample ID: 880-26742-27****Date Collected: 04/03/23 12:15****Matrix: Water****Date Received: 04/04/23 09:18**

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	DL	10			100086	04/22/23 22:42	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-17-W-230403**Lab Sample ID: 880-26742-28****Date Collected: 04/03/23 13:30****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/22/23 23:51	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-24-W-230403**Lab Sample ID: 880-26742-29****Date Collected: 04/03/23 14:50****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/22/23 23:13	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Client Sample ID: MW-12-W-230403**Lab Sample ID: 880-26742-30****Date Collected: 04/03/23 13:25****Matrix: Water****Date Received: 04/04/23 09:18**

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			100086	04/23/23 00:03	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

Eurofins Midland

Lab Chronicle

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Client Sample ID: MW-16-W-230403
Date Collected: 04/03/23 14:20
Date Received: 04/04/23 09:18

Lab Sample ID: 880-26742-31
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	DL	10			100086	04/22/23 23:07	RBNS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	98003	04/10/23 12:22	DR	EET HOU

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

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Accreditation/Certification Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-50	06-30-23

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Method Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

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

Protocol References:

- EPA = US Environmental Protection Agency
- 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

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Sample Summary

Client: GHD Services Inc.
Project/Site: Dollarhide (Scout EM)

Job ID: 880-26742-1
SDG: 12586708

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26742-1	MW-19-W-230403	Water	04/03/23 14:40	04/04/23 09:18
880-26742-2	MW-20-W-230403	Water	04/03/23 15:00	04/04/23 09:18
880-26742-3	MW-58-B-3-W-230403	Water	04/03/23 11:50	04/04/23 09:18
880-26742-4	MW-11-W-230403	Water	04/03/23 15:25	04/04/23 09:18
880-26742-5	MW-30-W-230403	Water	04/03/23 13:15	04/04/23 09:18
880-26742-6	MW-58-B-3-WD-230403	Water	04/03/23 00:00	04/04/23 09:18
880-26742-7	Livermore-W-230403	Water	04/03/23 13:50	04/04/23 09:18
880-26742-8	MW-23-W-230403	Water	04/03/23 13:35	04/04/23 09:18
880-26742-9	NW-MW-10-W-230403	Water	04/03/23 10:10	04/04/23 09:18
880-26742-10	MW-31-W-230403	Water	04/03/23 15:15	04/04/23 09:18
880-26742-11	MW-45-E-3-W-230403	Water	04/03/23 12:00	04/04/23 09:18
880-26742-12	MW-13-W-230403	Water	04/03/23 13:20	04/04/23 09:18
880-26742-13	MW-26-W-230403	Water	04/03/23 14:55	04/04/23 09:18
880-26742-14	MW-4-W-230403	Water	04/03/23 03:10	04/04/23 09:18
880-26742-15	Wilson Ranch Well-W-230403	Water	04/03/23 11:30	04/04/23 09:18
880-26742-16	MW-25-W-230403	Water	04/03/23 14:25	04/04/23 09:18
880-26742-17	TRAC-4-W-230403	Water	04/03/23 12:30	04/04/23 09:18
880-26742-18	MW-6-W-230403	Water	04/03/23 15:35	04/04/23 09:18
880-26742-19	MW-14-W-230403	Water	04/03/23 13:00	04/04/23 09:18
880-26742-20	MW-5-W-230403	Water	04/03/23 14:10	04/04/23 09:18
880-26742-21	MW-10-W-230403	Water	04/03/23 15:10	04/04/23 09:18
880-26742-22	MW-14-WD-230403	Water	04/03/23 00:00	04/04/23 09:18
880-26742-23	MW-18-W-230403	Water	04/03/23 14:15	04/04/23 09:18
880-26742-24	MW-22-W-230403	Water	04/03/23 13:35	04/04/23 09:18
880-26742-25	MW-25-WD-230403	Water	04/03/23 00:00	04/04/23 09:18
880-26742-26	MW-21-W-230403	Water	04/03/23 13:30	04/04/23 09:18
880-26742-27	MW-43-FF-W-230403	Water	04/03/23 12:15	04/04/23 09:18
880-26742-28	MW-17-W-230403	Water	04/03/23 13:30	04/04/23 09:18
880-26742-29	MW-24-W-230403	Water	04/03/23 14:50	04/04/23 09:18
880-26742-30	MW-12-W-230403	Water	04/03/23 13:25	04/04/23 09:18
880-26742-31	MW-16-W-230403	Water	04/03/23 14:20	04/04/23 09:18

Eurofins Midland

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

Chain of Custody Record



Environment Test

4/27/2023 (Rev. 1)

Client Information		Sampler	Lab PM	Carrier Tracking No(s)	COC No						
Client Contact: Christopher Knight		Phone: 432-557-0215	Simmons Debbie	E-Mail: Debbie.Simmons@et.eurofinsus.com	880-5502-730 1						
Company: GHD Services Inc		PWSID:	State of Origin		Page 1 of 3						
Address: 2135 South Loop 250 West		Due Date Requested	Analysis Requested		Job #: 24742						
City: Midland		TAT Requested (days)	Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) TDS (2540C, Calcd) Chloride (300_ORGFM_280)		Total Number of containers						
State/Zip: TX 79703		Preservation Codes									
Phone:											
Email: christopher.knight@ghd.com											
Project Name: Scout EM Dollarhide		PO #: 340-008333			Other:						
Site:		WO #: 12586708									
		Project #: 88001699									
		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)	TDS (2540C, Calcd)	Chloride (300_ORGFM_280)	Special Instructions/Note	
				Preservation Code							
MW-19-W-230403		4-3-23	1440	G	Water	N	N	X	X		
MW-20-W-230403			1500		Water						
MW-58-B-3-W-230403			1150		Water						
MW-11-W-230403			1525		Water						
MW-30-W-230403			1315		Water						
MW-58-B-3-W-230403					Water						
Livermore-W-230403			1350		Water						
MW-23-W-230403			1335		Water						
NM-MW-10-W-230403			1010		Water						
MW-31-W-230403			1515		Water						
MW-45-E-3-W-230403			1200		Water						
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ 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: <i>M. Williams</i>		Date/Time: 4-4-23 / 0918		Company:		Received by: <i>B. B. B.</i>		Date/Time: 4/4/23 0918		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							
				3.4/3.3 -03							

Ver 01/16/2019

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Released to Imaging: 6/17/2024 3:14:12 PM

Eurofins Midland

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

Chain of Custody Record

eurofins

Client Information		Sampler: Mitchell Clemens		Lab PM Simmons Debbie		Carrier Tracking No(s)		COC No 880-5502 730 1			
Client Contact Christopher Knight		Phone: 432 557-0215		E-Mail: Debbie Simmons@et.eurofinsus.com		State of Origin		Page Page 2 of 2			
Company GHD Services Inc		PWSID		Analysis Requested							
Address 2135 South Loop 250 West		Due Date Requested		Job # 26742							
City Midland		TAT Requested (days)		Preservation Codes							
State Zip TX 79703		Compliance Project. ☐ Yes ☐ No		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 Ace.one J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify)							
Phone		PO # 340-008333		Other:							
Email christopher.knight@ghd.com		WVO # 12586708									
Project Name Scout EM Dollarhide		Project # 88001699									
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)	TDS (2540C, Calcd)	Chloride (300_ORGFM, 28D)	Total Number of containers	Special Instructions/Note
mw-13-w-230403		4-3-23	13:20	G	Water	N	N				
mw-20-w-230403			14:55		Water	N	N	X	X		
mw-4-w-230403			13:10		Water						
wilson ranch well-w-230403			11:30		Water						
mw-25-w-230403			14:25		Water						
TRAC-4-w-230403			12:30		Water						
mw-6-w-230403			15:35		Water						
mw-14-w-230403			13:00		Water						
mw-5-w-230403			14:10		Water						
mw-10-w-230403			15:10		Water						
mw-14-wd 230403					Water						
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 Mitchell Clemens			Date/Time 4-4-23 0918			Company			Received by [Signature] Date/Time 4/4/23 0918 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 3.6/3.3 -0.3					

Eurofins Midland

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

Chain of Custody Record

 eurofins

Eurofins Midland

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

Chain of Custody Record



eurofins

Environment Testing

Client Information (Sub Contract Lab)		Sampler		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact:		Phone:		Simmons, Debbie		E-Mail:		880-6689.1	
Shipping/Receiving				Debbie.Simmons@et.eurofinsus.com		State of Origin:		Page:	
Company:				Accreditations Required (See note):		New Mexico		Page 1 of 4	
Eurofins Environment Testing South Centr				NELAP Texas				Job #:	
Address:		Due Date Requested:		Analysis Requested					
4145 Greenbriar Dr		4/10/2023							
City:		TAT Requested (days):							
Stafford									
State, Zip:		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSB (Yes or No)		Total Number of Containers	
TX, 77477									
Phone:		WO #:		300_ORGEM_28DI Chloride		2540C_Caled		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)	
281-240-4200(Tel)									
Email		Project #:		300_ORGEM_28DI Chloride		2540C_Caled		Other	
		88000225							
Project Name:		SSOW#:		Field Filtered Sample (Yes or No)		Perform MS/MSB (Yes or No)		Total Number of Containers	
Dollarhide (Scout EM)									
Site:				300_ORGEM_28DI Chloride		2540C_Caled		Special Instructions/Note:	
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)	
MW-19-W-230403 (880-26742-1)		4/3/23		14:40 Mountain		Water		X X	
MW-20-W-230403 (880-26742-2)		4/3/23		15:00 Mountain		Water		X X	
MW-58-B-3-W-230403 (880-26742-3)		4/3/23		11:50 Mountain		Water		X X	
MW-11-W-230403 (880-26742-4)		4/3/23		15:25 Mountain		Water		X X	
MW-30-W-230403 (880-26742-5)		4/3/23		13:15 Mountain		Water		X X	
MW-58-B-3-WD-230403 (880-26742-6)		4/3/23		13:50 Mountain		Water		X X	
Livermore-W-230403 (880-26742-7)		4/3/23		13:35 Mountain		Water		X X	
MW-23-W-230403 (880-26742-8)		4/3/23		10:10 Mountain		Water		X X	
NW-MW-1D-W-230403 (880-26742-9)		4/3/23				Water		X X	
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our 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/test/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				
Empty Kit Relinquished by:					Special Instructions/QC Requirements.				
Date:					Time:				
Relinquished by: <i>[Signature]</i>					Received by: FedEX				
Date/Time:					Date/Time:				
Relinquished by: FedEX					Received by: <i>[Signature]</i>				
Date/Time:					Date/Time: 4/6/2023 9:46				
Relinquished by:					Received by:				
Date/Time:					Date/Time:				
Custody Seals Intact: ☐ Yes ☐ No					Cooler Temperature(s) °C and Other Remarks:				
Custody Seal No					Temp: IR ID:HOU-344				
					C/F: -0.2 2.3				
					Corrected Temp: 21				
06/08/2021									

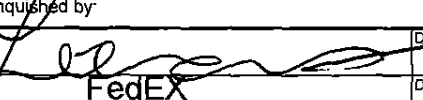
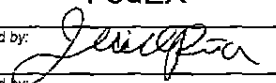
Eurofins Midland

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

Chain of Custody Record



Environment Test'ng

Client Information (Sub Contract Lab)		Sampler		Lab PM: Simmons, Debbie		Carrier Tracking No(s).		COC No: 880-6689.3																																																					
Client Contact: Shipping/Receiving		Phone:		E-Mail: Debbie.Simmons@et.eurofinsus.com		State of Origin: New Mexico		Page: Page 3 of 4																																																					
Company: Eurofins Environment Testing South Cent		Accreditations Required (See note): NELAP Texas		Job #: 880-26742-1																																																									
Address: 4145 Greenbriar Dr		Due Date Requested: 4/10/2023		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 Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify) Other																																																			
City: Stafford		TAT Requested (days):																																																											
State, Zip: TX, 77477		PO #:																																																											
Phone: 281-240-4200(Tel)		WO #:																																																											
Email:		Project #: 88000225		Project Name: Dollarhide (Scout EM)		SSOW#:																																																							
Site:																																																													
Sample Identification Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=organic/oil, ST=Tissue, Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		300_ORGFW_28DI Chloride		2640C_Calcd		Total Number of Containers		Special Instructions/Note:																																									
MW-14-W-230403 (880-26742-19)		4/3/23		13:00 Mountain				Water				X		X				1																																											
MW-5-W-230403 (880-26742-20)		4/3/23		14:10 Mountain				Water				X		X				1																																											
MW-10-W-230403 (880-26742-21)		4/3/23		15:10 Mountain				Water				X		X				1																																											
MW-14-WD-230403 (880-26742-22)		4/3/23		Mountain				Water				X		X				1																																											
MW-18-W-230403 (880-26742-23)		4/3/23		14:15 Mountain				Water				X		X				1																																											
MW-22-W-230403 (880-26742-24)		4/3/23		13:35 Mountain				Water				X		X				1																																											
MW-25-WD-230403 (880-26742-25)		4/3/23		Mountain				Water				X		X				1																																											
MW-21-W-230403 (880-26742-26)		4/3/23		13:30 Mountain				Water				X		X				1																																											
MW-43-FF-W-230403 (880-26742-27)		4/3/23		12:15 Mountain				Water				X		X				1																																											
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our 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: FedEX										Date/Time:										Company:											
Relinquished by: FedEX										Date/Time:										Company:										Received by: 										Date/Time: 4/6/2023 9:46										Company: EX											
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										Temp: IR ID:HOU-344										C/F: 0 22.3																					
																														Corrected Temp: 21																															

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26742-1

SDG Number: 12586708

Login Number: 26742

List Number: 1

Creator: Teel, Brianna

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	

Login Sample Receipt Checklist

Client: GHD Services Inc.

Job Number: 880-26742-1

SDG Number: 12586708

Login Number: 26742

List Number: 2

Creator: Pena, Jesiel

List Source: Eurofins Houston

List Creation: 04/06/23 08:34 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	
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?	N/A	
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	



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 351130

CONDITIONS

Operator: SCOUT ENERGY MANAGEMENT LLC 13800 Montfort Road Dallas, TX 75240	OGRID: 330949
	Action Number: 351130
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Comprehensive Groundwater Monitoring Report for Dollarhide Oil Field Unit: Content Satisfactory 1. The NMOCD has accepted this report for the record. 2. Please keep OCD apprised of any updates in future reports for 2024.	6/17/2024