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REVIEWED By Mike Buchanan at 1:24 pm, Jul 02, 2024

Your ref: Incident Number nGRL09054362954 Our ref: 12603933-NMOCD-1

June 13, 2024

State of New Mexico Energy, Minerals, and Natural Resources Department New Mexico Oil Conservation Division 811 South First Street Artesia, New Mexico 88210 Review of the 2023 Annual Groundwater Monitoring Report for MF-16 Pipeline Release submitted on behalf of GHD: content satisfactory.

1. Proceed to install four (4) additional monitoring wells as proposed in the 2nd half of 2024. A postponement was necessary due to an agreement needed with the landowner.

2. Continue to sample on a semi-annual basis and return to a quarterly schedule when chloride is demonstrated to be below the human health standards in the WQCC.

3. Submit the 2024 annual report to OCD via online permitting by April 1, 2025.

2023 Annual Groundwater Monitoring Report MF-16 Pipeline Release ET Gathering & Processing LLC Lea County, New Mexico New Mexico Oil Conservation Division Remediation Case 1RP-2073 Incident Number nGRL0905436295

To whom it may concern:

On behalf of ET Gathering & Processing LLC (ET G&P) formerly ETC Texas Pipeline, Ltd. (ETC), GHD Services Inc. (GHD) is submitting the 2023 Annual Groundwater Monitoring Report (Report) for the abovereferenced property (Site) to the New Mexico Oil Conservation Division (NMOCD). The Report summarizes activities performed at the Site during 2023.

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

Regards,

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- Encl. 2023 Annual Groundwater Monitoring Report
- Copy to:. Stacy Boultinghouse, Energy Transfer Terry Richey, c/o Millard Deck Testamentary Trust c/o Southwest Bank Wealth & Management Trust Services

The Power of Commitment





2023 Annual Groundwater Monitoring Report

MF-16 Inch Pipeline Lea County, New Mexico NMOCD 1RP-2073 Incident Number nGRL0905436295

ET Gathering & Processing LLC

June 13, 2024



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1. Introduction

This report presents the results of groundwater monitoring activities performed during 2023 by GHD Services Inc. (GHD) at the ET Gathering & Processing LLC (ET G&P), formerly ETC Texas Pipeline, Ltd., MF-16 pipeline release (Site). The Site is located at 32° 28' 19.38" North and, 103° 9' 12.6612" West, within Unit letter N, Section 15, Township 21 South, Range 37 East, approximately 2.5 miles north of Eunice, Lea County, New Mexico (**Figure 1**). The property on which the Site is located is owned by the Millard Deck Estate. The Site is regulated by the New Mexico Oil Conservation Division (NMOCD) under remediation case No. 1RP-2073 (associated with incident number nGRL0905436295)

1.1 Site Background

On January 28, 2009, Southern Union Gas Services, Ltd. (SUGS) discovered a release from the MF-16 Pipeline at the above-referenced location and subsequently reported it to the NMOCD via the Release Notification and Corrective Action Form (C-141). According to the C-141, a failure of a section of sixteen-inch low pressure pipeline resulted in the release of approximately 25 barrels (bbls) crude oil and 60 million cubic feet of natural gas. Based on the product released, it was determined that the constituents of concern (COCs) to be evaluated at the Site were benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH), and chloride.

Between February 2009 and September 2019, soil and groundwater assessments and remediation events have been conducted at the Site, excavating and disposing of impacted soils, including collecting soil samples for vertical and horizontal delineation, installing seven groundwater monitoring wells (MW-1 through MW-7, **Figure 2**), and conducting a groundwater pumping event. Details of these events can be found in previous reports prepared for this Site; however, a summary of the events and their respective results are provided below.

Initial remedial efforts were performed between February 16 and March 20, 2009, with the excavation and disposal of approximately 1,164 cubic yards of impacted soil and soil confirmation sampling. Additional soil sampling and delineation efforts were conducted in August 2009 and October 2012. Based on these soil laboratory analytical results, concentrations of benzene, total BTEX, TPH, and chloride were below the NMOCD Recommended Remedial Action Limits (RRALs).

Between February 2013 and February 2014, four monitoring wells (MW-1 through MW-4) were installed at the Site. Laboratory analyses of soil samples collected during installation of the groundwater monitoring wells indicated chloride concentrations exceeded NMOCD RRALs. Groundwater samples were analyzed for BTEX and chloride. The analytical results from the initial three groundwater monitoring events indicated that chloride concentrations in groundwater exceeded the New Mexico Water Quality Control Commission (NMWQCC) groundwater quality standard during one or more sampling events. As a result, additional monitoring wells MW-5 through MW-7 were installed between November 2014 and November 2015. Light non-aqueous phase liquid (LNAPL) has never been observed in any of the monitoring wells at the Site.

Since 2013, groundwater monitoring events have been conducted at the Site and samples have been analyzed for BTEX and chloride. In 2016, BTEX was dropped from the sampling plan as concentrations were below NMWQCC standards for eight consecutive quarters. Additionally, in 2016, the sampling frequency was reduced from quarterly to semiannually as the chloride concentrations had been consistent over time.

GHD performed groundwater pumping events on August 30, 2016, and September 16 and 17, 2019, to gain knowledge of aquifer characteristics and determine if a decrease in chloride concentrations was observable following the removal of a large quantity of impacted groundwater. Groundwater samples collected after the events indicated no noticeable changes in chloride concentrations.

On May 24, 2023, NMOCD provided comments in response to the 2021 Annual Groundwater Monitoring Report for the Site. NMOCD requested the installation of a minimum of four groundwater monitor wells in the following general areas around the Site (**Appendix A**), no later than February 20, 2024: one in the up/side gradient area, one in each

side gradient area, and one down gradient (southeast) of the plume. Due to delays in getting an executed access agreement with the landowner, drilling for these wells was temporarily postponed and rescheduled for the second half of 2024.

Semi-annual groundwater monitoring continued in 2023, the details and results of which are discussed in this report.

2. Groundwater Monitoring

GHD performed semi-annual groundwater monitoring events at the Site in May and November 2023. The monitoring program included monitoring well gauging and collecting groundwater samples from MW-1 through MW-7.

2.1 Monitoring Well Gauging

On May 29 and November 7, 2023, GHD personnel measured the depth to groundwater in the wells indicated above using an electronic oil/water interface probe (IP). The IP was cleaned with laboratory grade soap and purified water prior to gauging each monitoring well. Depth to groundwater and calculated groundwater elevations are summarized in **Table 1**.

Based on the data collected in 2023, groundwater flow is generally southeast and is consistent with historical data for the Site. The groundwater gradient was calculated at 0.014 feet per foot (ft/ft) in May and November. Groundwater potentiometric surface maps are presented as **Figure 3** and **Figure 4**.

2.2 Groundwater Sampling

Following the gauging during each 2023 event and prior to sampling, GHD personnel utilized dedicated polyethylene bailers to purge a minimum of three well volumes of groundwater or until the well was dry. The monitoring wells were given time to recover prior to collecting a groundwater sample. Groundwater quality parameters of temperature, pH, oxidation reduction potential, and conductivity were collected with a field-calibrated multi-parameter groundwater quality meter and recorded on groundwater sampling forms. A summary of field parameters is presented in **Table 2**.

Following purging and confirmation of groundwater stabilization, groundwater samples were collected from MW-1 through MW-6 via dedicated polyethylene bailers. The samples were placed in laboratory-prepared sample containers, labeled, packed in a cooler with ice, and transported under chain-of-custody documentation to ALS Life Sciences Division, Environmental laboratory in Houston, Texas. All samples were analyzed for chloride via Environmental Protection Agency (EPA) Method 300.0.

MW-7 was gauged dry during both groundwater monitoring events and an insufficient amount of groundwater rebounded in the well; therefore a sample could not be collected. This has been a consistent scenario since 2020.

2.3 Quality Assurance/Quality Control

During each groundwater monitoring event, a field duplicate was collected as a Quality Assurance/Quality Control (QA/QC) sample and subsequently submitted for laboratory analysis. A trip blank was also submitted as a QA/QC sample for each groundwater monitoring event.

2.4 Analytical Results

The NMWQCC mandates that groundwater quality in New Mexico be protected, and has issued groundwater quality standards in Title 20, Chapter 6, Part 2, Section 3103 of the NMAC (20.6.2.3103 NMAC). Groundwater quality standards have been set for the protection of human health, domestic water supply, and irrigation use.

The groundwater analytical results for 2023 are summarized in **Table 3** and the corresponding laboratory analytical reports are included in **Appendix B**. A chloride concentration map depicting concentrations for 2023 is presented as **Figure 5**. A summary of results is discussed below.

 Concentrations of chloride were detected in all six monitoring wells during both monitoring events; however, only the concentrations detected in monitoring wells MW-1, MW-4, MW-5, and MW-6 exceeded the NMWQCC standards.

3. Summary and Recommendations

3.1 Summary

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

- Concentrations of chloride are present in the groundwater at the Site that exceed of the NMWQCC standards.
- Concentrations of chloride appear to be stable or slightly increasing.
- Chloride impacts in groundwater at the Site do not appear to be delineated to the south, east, or west.
- NMOCD requested ET G&P install a minimum of four groundwater monitor wells around the Site. These
 proposed locations are shown on Figure 6.

3.2 Recommendations

Based on the results of the 2023 groundwater monitoring events and directive from NMOCD in May 2023, GHD recommends the following.

- Continue semi-annual groundwater monitoring for chloride in all monitoring wells at the Site.
- Install four groundwater monitoring wells (MW-8 through MW-11) to further delineate the chloride impacts in groundwater.

4. Scope and Limitations

This report has been prepared by GHD for ET Gathering & Processing LLC and may only be used and relied on by ET Gathering & Processing LLC for the purpose agreed between GHD and ET Gathering & Processing LLC.

GHD otherwise disclaims responsibility to any person other than ET Gathering & Processing 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.

Summary of Groundwater Elevation Data MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

Monitor Well ID	Date Measured	Top of Casing (TOC)	Total Well Depth (ft below	Depth to Water (ft below	Groundwater Elevation (ft AMSL)
	0/00/0040	Elevation	TOC)	TOC)	· ·
	2/28/2013			37.32	3,388.21
	5/9/2013 9/3/2013	3,425.53		37.21 37.30	3,388.32 3,388.23
	7/15/2014	5,425.55		37.30	3,388.23
	10/30/2014			37.30	3,388.22
	1/20/2015			37.21	3,388.19
	4/16/2015			37.12	3,388.28
	12/18/2015			37.05	3,388.35
	5/31/2016			36.97	3,388.43
	12/8/2016			36.86	3,388.54
	5/8/2017			36.70	3,388.70
MW-1	11/14/2017		48	36.62	3,388.78
10100-1	5/9/2018		40	36.55	3,388.85
	11/7/2018			36.63	3,388.77
	3/27/2019	3,425.40		36.63	3,388.77
	9/18/2019			36.81	3,388.59
	4/22/2020			36.79	3,388.61
	11/18/2020			37.02	3,388.38
	5/5/2021			37.07	3,388.33
	11/23/2021			37.21	3,388.19 3,388.12
	5/25/2022			37.28	3,388.12 3,387.96
	10/13/2022 5/29/2023			37.44 37.47	3,387.96
					3,387.84
	11/7/2023			37.56	3,307.04
	5/9/2013			37.27	3,388.80
	9/3/2013			37.38	3,388.69
	7/15/2014	3,426.07		37.36	3,388.71
	10/30/2014			37.35	3,388.72
	1/20/2015			37.24	3,388.74
	4/16/2015			37.15	3,388.83
	12/18/2015			37.14	3,388.84
	5/31/2016			36.98	3,389.00
	12/8/2016			36.89	3,389.09
	5/8/2017			36.72	3,389.26
	11/14/2017			36.65	3,389.33
MW-2	5/9/2018		43	36.65	3,389.33
	11/7/2018			36.69	3,389.29
	3/27/2019	3,425.98		36.64	3,389.34
	9/18/2019			36.79	3,389.19
	4/22/2020			36.83	3,389.15
	11/18/2020			37.05	3,388.93
	5/5/2021			37.10	3,388.88
	11/23/2021			37.25	3,388.73
	5/25/2022			37.33	3,388.65
	10/13/2022 5/29/2023			37.46 37.55	3,388.52 3,388.43
	11/7/2023			37.63	3,388.35
	11/1/2020			07.00	0,000.00
	5/9/2013			36.70	3,388.46
	9/3/2013	2 405 40		36.77	3,388.39
	7/15/2014	3,425.16		36.78	3,388.38
	10/30/2014			36.18	3,388.98
	1/20/2015		1	36.65	3,388.41
	4/16/2015			36.56	3,388.50
	12/18/2015			36.49	3,388.57
	5/31/2016			36.38	3,388.68
	12/8/2016			36.30	3,388.76
	5/8/2017			36.12	3,388.94
	11/14/2017			36.04	3,389.02
MW-3	5/9/2018		44	36.01	3,389.05
	11/7/2018	0.40		36.09	3,388.97
	3/27/2019	3,425.06		36.05	3,389.01
	9/18/2019			36.22	3,388.84
	4/22/2020			36.23	3,388.83
	11/18/2020			36.48	3,388.58
	5/5/2021			36.54	3,388.52
	11/23/2021			36.38	3,388.68
	5/25/2022			36.75	3,388.31
	10/13/2022			36.88	3,389.10
	5/29/2023			36.96	3,388.10
	11/7/2023			37.04	3,388.02

Summary of Groundwater Elevation Data MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

Monitor Well ID	Date Measured	Top of Casing (TOC) Elevation	Total Well Depth (ft below TOC)	Depth to Water (ft below TOC)	Groundwater Elevation (ft AMSL)
	5/9/2013	Lievation	100,	37.02	3,387.89
	9/3/2013	0.404.04		37.10	3,387.81
	7/15/2014	3,424.91		37.08	3,387.83
	10/30/2014			37.16	3,387.75
	1/20/2015			36.99	3,387.82
	4/16/2015			36.91	3,387.90
	12/18/2015			36.88	3,387.93
	5/31/2016			36.78	3,388.03
	12/8/2018			36.70	3,388.11
	5/8/2017			36.54	3,388.27
	11/14/2017			36.47	3,388.34
MW-4	5/9/2018 11/7/2018		49	36.42 36.49	3,388.39
	3/27/2019			36.49	3,388.32 3,388.36
	9/18/2019	3,424.81		36.67	3,388.14
	12/6/2019			36.66	3,388.15
	4/22/2020			36.61	3,388.20
	11/18/2020			36.84	3,387.97
	5/5/2021			36.89	3,387.92
	11/23/2021			37.04	3,387.77
	5/25/2022			37.08	3,387.73
	10/13/2022			37.23	3,388.75
	5/29/2023			37.28	3,387.53
	11/7/2023			37.36	3,387.45
	1/20/2015			36.12	3,387.32
	4/16/2015			36.06	3,387.38
	12/18/2015			36.03	3,387.41
	5/31/2016			35.92	3,387.52
	12/8/2016			35.83	3,387.61
	5/8/2017	+		35.69	3,387.75
	11/14/2017			35.64	3,387.80
	5/9/2018		49	35.56	3,387.88
	11/7/2018 3/27/2019			35.63 35.62	3,387.81 3,387.82
MW-5	9/18/2019	3,423.44		35.88	3,387.56
	12/6/2019			35.80	3,387.64
	4/22/2020			35.77	3,387.67
	11/18/2020			35.98	3,387.46
	5/5/2021			36.03	3,387.41
	11/23/2021			36.18	3,387.26
	5/25/2022			36.22	3,387.22
	10/13/2022			36.37	3,389.61
	5/29/2023			36.40	3,387.04
	11/7/2023			36.51	3,386.93
	12/18/2015			36.14	3,387.64
	5/31/2016			36.06	3,387.72
	12/8/2016			35.99	3,387.79
	5/8/2017			35.87	3,387.91
	11/14/2017			35.81	3,387.97
	5/9/2018			35.74	3,388.04
	11/7/2018 3/27/2019			35.78 35.74	3,388.00
	9/18/2019			35.89	3,388.04 3,387.89
MW-6	12/6/2019	3,423.78	43	35.89	3,387.87
	4/22/2020			36.83	3,386.95
	11/18/2020			36.06	3,387.72
	5/5/2021			36.10	3,387.68
	11/23/2021			36.29	3,387.49
	5/25/2022			36.22	3,387.56
	10/13/2022			36.47	3,389.51
	5/29/2023			36.47	3,387.31
			1	36.59	3,387.19

Summary of Groundwater Elevation Data MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

Monitor Well ID	Date Measured	Top of Casing (TOC) Elevation	Total Well Depth (ft below TOC)	Depth to Water (ft below TOC)	Groundwater Elevation (ft AMSL)
	12/18/2015			37.10	3,384.32
	5/31/2016			37.01	3,384.41
	12/8/2016			36.95	3,384.47
	5/8/2017			36.26	3,385.16
	11/14/2017			36.74	3,384.68
	5/9/2018			36.64	3,384.78
	11/7/2018			36.78	3,384.64
	3/27/2019			36.67	3,384.75
MW-7	9/18/2019	3,421.42	38	36.89	3,384.53
	4/22/2020			36.78	3,384.64
	11/18/2020			38.07	3,383.35
	5/5/2021			37.08	3,384.34
	11/23/2021			37.30	3,384.12
	5/25/2022			37.35	3,384.07
	10/13/2022			37.60	3,383.82
	5/29/2023			37.52	3,383.90
	11/7/2023			37.62	3,383.80

Notes:

1) ft = feet.

3) AMSL = above mean sea level.
3) Light non-aqueous phase liquids have never been observed in the monitoring wells.
4) Monitoring wells were resurveyed in 2015.

Summary of Groundwater Field Parameters MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

Table 2

Sample ID	Date	Temperature (°C)	рН	Dissolved Oxygen	Oxidation Reduction	Conductivity (mS/cm)
	7/45/0044		0.00	(mg/L)	Potential (mV)	. ,
	7/15/2014	27.10	6.90	0.85	32.70	1,700.00
	10/30/2014	22.20	7.10	6.40 25.80	69.30 143.90	1,615.00
	1/20/2015 4/16/2015	15.30 22.50	7.56	25.80	91.00	1,636.00 1,821.00
	4/16/2015	19.95	6.99 6.85	4.20	-13.10	3,385.00
	5/31/2016	20.90	6.99	2.14	-69.80	3,760.00
	12/8/2016	19.51	6.84	6.82	-222.90	3,146.00
	5/8/2017	20.27	7.45	1.60	-151.00	3,833.00
	11/14/2017	18.90	7.45	1.35	-51.80	3,567.00
	5/9/2018	19.92	6.95		-147.10	2,721.00
MW-1	11/7/2018	18.28	7.29		-120.40	2,692.00
	3/27/2019	18.88	6.88	2.80	-82.70	5,907.00
	9/18/2019	18.71	6.55		-129.30	
	4/22/2020	20.90	7.67	2.03	-66.90	2,160.00
	11/18/2020	21.50	7.22	1.70	-19.50	2,324.00
	5/5/2021	21.83	7.37	0.58	-41.20	123,259.00
	11/23/2021	21.02	7.13	0.96	-36.40	2,620.00
	5/25/2022	21.26	7.24	1.18	166.80	22.16
	10/13/2022	20.90	7.46	2.06	149.90	2,320.00
	5/29/2023	21.95	6.85	1.78	128.32	4,029.29
	11/7/2023	22.93	8.18	2.54		1,705.96
	7/15/2014	22.60	7.04	6.61	27.80	1,356.00
	10/30/2014	21.80	7.84	75.60	75.50	1,510.00
	1/20/2015	14.90	7.73	24.30	162.30	1,437.00
	4/16/2015	22.00	7.30	16.30	112.20	1,435.00
	12/18/2015	19.49	7.47	2.11	-150.00	1,543.00
	5/31/2016	20.50	7.14	1.70	60.50	1,290.00
	12/8/2016	19.04	7.19	2.67	-114.70	1,301.00
	5/8/2017	19.82	6.85	1.07	-68.40	1,345.00
	11/14/2017	18.57	7.45	1.07	-2.50	1,682.00
	5/9/2018	19.50	6.92		-62.00	1,475.00
MW-2	11/7/2018	17.96	7.14		-45.90	1,523.00
	3/27/2019	18.92	6.78	2.61	-11.20	2,878.00
	9/18/2019	18.23	6.45		-130.20	
	4/22/2020	20.20	7.56	0.54	-36.30	1,440.00
	11/18/2020 5/5/2021	20.88	7.21	1.20	59.90	1,475.00
	11/23/2021	21.30 20.30	7.45	0.98	30.20 9.10	<u>65,185.00</u> 1,303.00
	5/25/2022	20.30	7.36	1.83	197.50	1,084.00
	10/13/2022	20.39	7.62	2.07	167.30	1,238.00
	5/29/2023	20.39	7.02	1.51	127.84	1,208.80
	11/7/2023	21.05	7.77	2.30		1,242.98
	11/1/2023	21.10	1.11	2.00		1,242.30
	7/15/2014	22.60	7.02	3.58	25.80	1,832.00
	10/30/2014	22.50	7.25	20.30	65.30	1,600.00
	1/20/2015	16.80	7.54	18.60	150.50	1,823.00
	4/16/2015	23.50	7.15	10.00	119.30	1,714.00
	12/18/2015	19.59	7.43	2.90	-101.60	2,266.00
	5/31/2016	20.70	6.84	1.80	60.50	1,840.00
	12/8/2016	19.03	7.21	1.78	-115.20	1,734.00
	5/8/2017	19.49	6.19	1.58	-26.70	1,695.00
	11/14/2017	18.12	7.57	1.63	18.40	2,102.00
	5/9/2018	18.99	7.11		-52.00	1,675.00
MW-3	11/7/2018	17.80	7.37		-45.10	1,703.00
	3/27/2019	18.13	7.01	2.91	-4.30	3,098.00
	9/18/2019	17.92	6.70		-127.20	
	4/22/2020	19.80	7.66	3.50	68.80	1,570.00
	11/18/2020	20.44	7.30	1.83	93.00	1,567.00
	5/6/2021	20.65	7.62	1.41	58.80	68,198.00
	11/23/2021	20.44	7.41	1.31	11.90	1,397.00
	5/25/2022	20.93	7.39	1.50	198.60	1,184.00
	10/13/2022	20.15	7.59	1.58	168.10	1,408.00
	5/29/2023	21.54	7.34	0.79	121.79	1,320.96
	11/7/2023	22.65	8.20	3.28		1,245.03

Summary of Groundwater Field Parameters MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

				Dissolved	Oxidation	
Sample ID	Date	Temperature	рН	Oxygen	Reduction	Conductivity
		(°C)		(mg/L)	Potential (mV)	(mS/cm)
	7/15/2014	22.80	6.93	3.70	65.20	7,308.00
	10/30/2014	22.40	6.94	2.80	76.10	3,010.00
	1/20/2015	19.10	7.34	14.70	160.30	8,275.00
	4/16/2015	21.70	6.92	3.30	98.10	3,080.00
	12/18/2015	19.79	7.06	2.31	-123.20	6,557.00
	5/31/2016	20.60	6.93	1.58	-50.30	5,590.00
	12/8/2016 5/8/2017	19.07 19.68	7.10 6.75	2.80 0.86	-209.30 -139.30	5,923.00 7,987.00
	11/14/2017	18.59	7.36	1.71	0.10	6,485.00
	5/9/2018	19.31	6.98		-100.91	4,500.00
	11/7/2018	18.13	7.04		-66.70	7,469.00
MW-4	3/27/2019	18.72	6.69	2.56	-32.90	12,210.00
	9/18/2019	18.41	6.55		-121.60	
	12/6/2019	20.21	7.19	2.68	-312.20	4,386.00
	4/22/2020	20.40	7.54	0.42	2.30	4,620.00
	11/18/2020	21.21	7.07	1.01	89.00	4,360.00
	5/6/2021	21.26	7.32	0.34	31.00	203,720.00
	11/23/2021	21.06	7.01	1.04	15.70	4,853.00
	5/25/2022	21.50	6.99	1.35	207.00	3,490.00
	10/13/2022	20.71	7.07	1.30	182.00	4,937.00
	5/29/2023	21.37	6.94	1.47	135.03	4,182.35
	11/7/2023	21.30	7.75	3.24		3,105.30
	1/20/2015	20.10	7.31	10.00	148.90	6,888.00
	4/16/2015	20.10	6.98	5.70	90.50	6,405.00
	12/18/2015	19.06	7.10	3.37	-134.10	6,631.00
	5/31/2016	19.90	6.94	1.88	76.70	5,760.00
	12/8/2016	18.78	7.13	1.96	-79.40	5,690.00
	5/8/2017	19.05	6.70	1.41	-86.70	6,303.00
	11/14/2017	17.82	7.20	2.04	37.90	7,041.00
	5/9/2018	17.99	6.85		-100.20	4,629.00
	11/7/2018	17.10	7.08		-55.60	6,934.00
MW-5	3/27/2019	17.98	6.75	3.69	-16.00	11,522.00
	9/18/2019	17.62	6.46		-120.10	
	12/6/2019	19.23	7.11	1.88	-331.40	5,638.00
	4/22/2020	19.90	7.54	0.91	89.40	5,610.00
	11/18/2020	20.30	7.00	0.80	116.00	5,450.00
	5/6/2021	20.89	7.22	0.20	43.00	229,595.00
	11/23/2021 5/25/2022	20.41 21.10	6.98 6.94	1.37 1.35	28.80 204.00	4,709.00 3,969.00
	10/13/2022	20.13	7.09	1.85	190.80	4,332.00
	5/29/2023	20.85	8.84	1.51	141.12	4,261.28
	11/7/2023	21.78	7.67	3.40		3,598.59
						.,
	12/18/2015	18.79	7.18	6.64	-112.20	4,958.00
	6/1/2016	20.50	6.84	1.51	93.80	4,750.00
	12/8/2016	19.05	7.20	6.02	-64.30	4,620.00
	5/8/2017	19.44	7.10	1.90	-142.30	4,658.00
	11/14/2017	18.19	6.98	1.37	28.70	5,574.00
	5/9/2018	19.72	7.12		-64.80	4,622.00
	11/7/2018	17.09	7.01		-47.40	4,979.00
	3/27/2019	18.51	6.74	3.02	-10.80	8,556.00
MW-6	9/18/2019	18.09	6.45		-124.30	
	12/6/2019	19.51	7.10	2.08	-308.70	4,784.00
	4/22/2020	20.30	7.67 7.05	0.91	115.00	4,750.00 5.375.00
	11/18/2020 5/6/2021	20.77 21.11	7.05	0.80	55.00 50.90	5,375.00 240,842.00
	11/23/2021	20.57	6.98	1.36	31.00	5,025.00
	5/25/2022	21.43	7.08	0.87	222.70	4,333.00
	10/13/2022	20.15	7.08	2.22	199.80	4,940.00
	5/29/2023	20.93	6.83	2.18	139.54	4,903.61
	11/7/2023	23.36	7.55	5.63		4,391.66
	11/1/2020	20.00		0.00		.,

Summary of Groundwater Field Parameters MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

Sample ID	Date	Temperature (°C)	рН	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (mS/cm)			
	12/18/2015				llect parameters				
	6/1/2016		Insufficient	t volume to co	llect parameters				
	12/8/2016	14.51	7.61	6.13	-5.80	2,659.00			
	5/8/2017	19.93	19.93 7.2756.90						
	11/14/2017		Insufficient	t volume to co	llect parameters				
	5/9/2018	19.35	7.30		-40.21	3,021.00			
	11/7/2018	14.92	7.48		-26.10	107.00			
	3/27/2019	18.23	7.14	8.12	52.60	5,957.00			
MW-7	9/18/2019	18.08	7.62		-86.30				
	4/22/2020	20.30	8.29	6.85	157.70	3,410.00			
	11/18/2020		Insufficient volume to collect parameters						
	5/6/2021		Insufficient volume to collect parameters						
	11/23/2021		Insufficient	t volume to co	llect parameters				
	5/25/2022		Insufficient	t volume to co	llect parameters				
	10/13/2022		Insufficient volume to collect parameters						
	5/29/2023		Insufficient	volume to co	llect parameters				
	11/7/2023		Insufficient	volume to co	llect parameters				

Notes: 1) °C = degrees Celsius. 2) mg/L = milligrams per liter. 3) mV = millivolts.

4) mS/cm = microsiemens per centimeter.

Summary of Groundwater Analytical Results MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NMWQCC Groundwater Quality Standards		0.01	1.00	0.70	0.62	250.00
	2/28/2013	<0.00100	< 0.00200	<0.00100	<0.00200	1,600
	5/9/2013	<0.00100	< 0.00200	<0.00100	<0.00200	746
	9/3/2013	<0.00100	< 0.00200	<0.00100	<0.00200	220
	2/28/2014	<0.00100	< 0.00200	<0.00100	<0.00100	1,350
	7/15/2014	<0.00100	< 0.00200	<0.00100	<0.00100	272
	10/30/2014	<0.00100	<0.00100	<0.00100	<0.00100	261
	1/20/2015	<0.00100	<0.00100	<0.00100	<0.00100	475
	4/16/2015	<0.00100	<0.00100	<0.00100	<0.00100	2,720
	12/18/2015	<0.00100	<0.00100	<0.00100	<0.00150	3,100
	5/31/2016					840
	12/8/2016					1,200
	5/8/2017					710
MW-1	11/14/2017					1,400
	5/9/2018					410
	11/7/2018					830
	3/27/2019					590
	9/18/2019					670
	4/22/2020	< 0.00100	< 0.00100	< 0.00100	<0.00150	630
	11/18/2020	< 0.00100	< 0.00100	<0.00100	<0.00150	660
	5/5/2021					870
	11/23/2021					390
	5/25/2022					510
	10/13/2022					320
	5/29/2023					671
	11/7/2023					630
	5/9/2013	< 0.00100	<0.00200	<0.00100	<0.00200	199
	9/3/2013	< 0.00100	< 0.00200	< 0.00100	< 0.00200	211
	2/28/2014	< 0.00100	< 0.00200	<0.00100	<0.00100	190
	7/15/2014	< 0.00100	< 0.00200	< 0.00100	< 0.00100	165
	10/30/2014	< 0.00100	< 0.00100	< 0.00100	< 0.00100	215
	1/20/2015	< 0.00100	< 0.00100	< 0.00100	< 0.00100	152
	4/16/2015	< 0.00100	< 0.00100	< 0.00100	< 0.00100	155
	12/18/2015	< 0.00100	< 0.00100	< 0.00100	< 0.00150	180
	5/31/2016					150
	12/8/2016					190
	5/8/2017					170
	11/14/2017					170
MW-2	5/9/2018					190
	11/7/2018					200
	3/27/2019					180
	9/18/2019					170
	4/22/2020	0.00210	<0.00100	<0.00100	< 0.00150	190
	11/18/2020	< 0.00210	<0.00100	<0.00100	< 0.00150	180
	5/5/2021	~0.00100	-0.00100		-0.00100	190
	11/23/2021					190
	5/25/2022					180
	10/13/2022					180
	5/29/2023					173
	11/7/2023					173
	11/1/2023					100

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Summary of Groundwater Analytical Results MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

NWWQCC Groundwater Quality Standards 0.01 1.00 0.70 0.62 250.00 Si9/2013 <0.00100 <0.00200 <0.00100 <0.00200 392 9/3/2013 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 <0.00200 <0.00100 4244 2/28/2014 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100	Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
MW-3 9/3/2013 <0.00100			0.01	1.00	0.70	0.62	250.00
WW-3 2/28/2014 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00150 220 9/18/2019 200 11/18/2020 <0.00100		5/9/2013	<0.00100	< 0.00200	<0.00100	<0.00200	392
MW-3 7/15/2014 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00150 400 5/8/2017 - - - - - - 210 3/27/2019 - - - - 210 3/27/2019 - - - - 17/0 4/22/202 <0.00100		9/3/2013	<0.00100	< 0.00200	<0.00100	<0.00200	191
MW-3 10/30/2014 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00150 400 5/31/2016 340 5/8/2017 340 5/8/2017 210 5/9/2018 210 11/1/12018 220		2/28/2014	<0.00100	< 0.00200	<0.00100	<0.00100	424
1/20/2015 <0.00100 <0.00100 <0.00100 <0.00100 20.00100 248 1/2/8/2015 <0.00100		7/15/2014	<0.00100				434
MW-3 4/16/2015 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00150 400 5/3/12016 390 12/8/2016 310 11/1/14/2017 310 11/1/12018 210 3/2/7/2019 210 3/2/7/2019 200 11/18/2020 <0.00100		10/30/2014	<0.00100	< 0.00100	<0.00100	<0.00100	212
MW-3 12/18/2015 <0.00100 <0.00100 <0.00100 <0.00150 400 5/31/2016 340 12/8/2016 340 5/8/2017 310 11/1/12/017 210 5/9/2018 210 3/27/2019 220 9/18/2019 220 11/18/2020 <0.00100		1/20/2015		< 0.00100	<0.00100	<0.00100	488
MW-3 5/31/2016 380 12/8/2016 340 5/8/2017 310 11/14/2017 210 5/9/2018 210 3/27/2019 220 9/18/2019 220 11/1/2020 <0.00100		4/16/2015	<0.00100	< 0.00100	<0.00100	<0.00100	248
MW-3 12/8/2016 340 5/8/2017 310 5/9/2018 210 5/9/2018 220 9/18/2019 220 9/18/2019 220 9/18/2019 220 9/18/2019 220 9/18/2020 <0.00100			<0.00100	< 0.00100	<0.00100	<0.00150	400
MW-3 5/8/2017 310 11/14/2017 210 5/9/2018 260 11/7/2018 220 9/18/2019 170 4/22/2020 <0.00100		5/31/2016					390
MW-3 11/14/2017 210 5/9/2018 260 11/7/2018 210 3/27/2019 220 9/18/2019 220 9/18/2019 170 4/22/2020 <0.00100		12/8/2016					340
MW-3 5/9/2018 260 11/7/2018 210 3/27/2019 220 9/18/2019 170 4/22/2020 <0.00100		5/8/2017			-		310
5/9/2018 260 11/7/2018 210 3/27/2019 220 9/18/2019 220 9/18/2019 200 11/1/12/202 <0.00100	MM/ 3	11/14/2017					210
3/27/2019 220 9/18/2019 170 4/22/2020 <0.00100	10100-5	5/9/2018					260
9/18/2019 170 4/22/2020 <0.00100		11/7/2018					210
4/22/2020 <0.00100		3/27/2019					220
MW-4 11/18/2020 <0.00100 <0.00100 <0.00100 <0.00150 210 5/6/2021 200 11/23/2021 200 5/25/2022 180 10/13/2022 180 5/29/2023 193 1117/2023 193 1117/2023 213 9/3/2013 <0.00100		9/18/2019					170
5/6/2021 200 11/23/2021 200 5/25/2022 100 10/13/2022 180 5/29/2023 180 5/29/2023 193 11/7/2023 213 5/9/2013 <0.00100		4/22/2020	< 0.00100	< 0.00100	<0.00100	<0.00150	220
MW-4 11/23/2021 200 5/25/2022 180 10/13/2022 180 5/29/2023 193 11/7/2023 193 11/7/2023 193 5/9/2013 <0.00100		11/18/2020	< 0.00100	< 0.00100	<0.00100	<0.00150	210
5/25/2022 180 10/13/2022 180 5/29/2023 193 11/7/2023 193 11/7/2023 213 9/3/2013 <0.00100		5/6/2021					200
MW-4 10/13/2022 180 5/29/2023 193 11/7/2023 213 11/7/2023 213 5/9/2013 <0.00100		11/23/2021					200
MW-4 10/13/2022 180 5/29/2023 193 11/7/2023 213 11/7/2023 213 5/9/2013 <0.00100							
5/29/2023 193 11/7/2023 213 5/9/2013 <0.00100							
11/7/2023 213 5/9/2013 <0.00100							193
MW-4 5/9/2013 <0.00100 <0.00200 <0.00100 <0.00200 2,710 9/3/2013 <0.00100							
9/3/2013 <0.00100 <0.00200 <0.00100 <0.00200 610 2/28/2014 <0.00100							
MW-4 2/28/2014 <0.00100 <0.00200 <0.00100 <0.00100 2,220 7/15/2014 <0.00100		5/9/2013	< 0.00100	< 0.00200	<0.00100	< 0.00200	2,710
MW-4 2/28/2014 <0.00100 <0.00200 <0.00100 <0.00100 2,220 7/15/2014 <0.00100		9/3/2013	< 0.00100	< 0.00200	<0.00100	<0.00200	610
7/15/2014 <0.00100 <0.00200 <0.00100 <0.00100 2,100 10/30/2014 <0.00100			< 0.00100	< 0.00200	<0.00100	<0.00100	
10/30/2014 <0.00100 <0.00100 <0.00100 <0.00100 1,430 1/20/2015 <0.00100		7/15/2014		< 0.00200	< 0.00100	< 0.00100	2,100
4/16/2015 <0.00100 <0.00100 <0.00100 <0.00100 1,450 12/18/2015 <0.00100		10/30/2014	< 0.00100	< 0.00100	< 0.00100	< 0.00100	1,430
4/16/2015 <0.00100 <0.00100 <0.00100 <0.00100 1,450 12/18/2015 <0.00100		1/20/2015	< 0.00100	< 0.00100	<0.00100	<0.00100	2,390
12/18/2015 <0.00100 <0.00100 <0.00100 <0.00150 3,500 5/31/2016 1,700 12/8/2016 1,700 12/8/2016 1,100 5/8/2017 2,500 11/14/2017 1,400 5/9/2018 2,600 11/17/2018 1,600 3/27/2019 1,000 9/18/2019 1,300 12/6/2019 1,200 4/22/2020 0.00100 <0.00100							
5/31/2016 1,700 12/8/2016 1,100 5/8/2017 1,100 5/8/2017 2,500 11/14/2017 2,500 11/14/2017 2,600 11/1/2018 1,600 3/27/2019 1,000 9/18/2019 1,200 4/22/2020 0.00100 <0.00100			< 0.00100	< 0.00100	<0.00100	<0.00150	3,500
12/8/2016 1,100 5/8/2017 2,500 11/14/2017 2,500 11/14/2017 2,600 11/1/2018 1,400 3/27/2019 1,600 3/27/2019 1,000 9/18/2019 1,300 12/6/2019 1,200 4/22/2020 0.00100 <0.00100							<u> </u>
$MW-4 \qquad \begin{array}{c ccccccccccccccccccccccccccccccccccc$							<u> </u>
MW-4 11/14/2017 1,400 5/9/2018 2,600 11/7/2018 1,600 3/27/2019 1,600 9/18/2019 1,000 9/18/2019 1,300 12/6/2019 1,200 4/22/2020 0.00100 <0.00100							
MW-4 5/9/2018 2,600 11/7/2018 1,600 3/27/2019 1,600 9/18/2019 1,000 9/18/2019 1,300 12/6/2019 1,200 4/22/2020 0.00100 <0.00100							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	MW-4						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
9/18/2019 1,300 12/6/2019 1,200 4/22/2020 0.00100 <0.00100							
12/6/2019 1,200 4/22/2020 0.00100 <0.00100							
4/22/2020 0.00100 <0.00100 <0.00100 <0.00150 2,100 11/18/2020 <0.00100							
11/18/2020 <0.00100 <0.00100 <0.00100 <0.00150 1,500 5/6/2021 1,500 11/23/2021 960 5/25/2022 1,400 10/13/2022 830			0.00100	< 0.00100	<0.00100	< 0.00150	
5/6/2021 1,500 11/23/2021 960 5/25/2022 1,400 10/13/2022 830							
11/23/2021 960 5/25/2022 1,400 10/13/2022 830							
5/25/2022 1,400 10/13/2022 830							
10/13/2022 830							
5/29/2023 1,030							
11/7/2023 1,220							

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Summary of Groundwater Analytical Results MF 16-Inch Pipeline Lea County, New Mexico ET Gathering Processing LLC NMOCD 1RP-2073

NMWQCC Groundwater Quality Standards 0.01 1.00 0.70 0.62 250.00 1/20/2015 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 1.780 1/21/8/2015 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 1.780 5/31/2016 2.000 1.780 5/8/2017 2.000 1.990 1.990 11/7/2018 2.000 3.992 1.990 11/7/2018 1.900 3.992 1.900 12/8/2019 1.900 3.992 1.900 <th>Well ID</th> <th>Sample Date</th> <th>Benzene</th> <th>Toluene</th> <th>Ethylbenzene</th> <th>Total Xylenes</th> <th>Chloride</th>	Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
MW-5 41/16/2015 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <			0.01	1.00	0.70	0.62	250.00
MW-6 12/18/2015 <0.00100		1/20/2015	<0.00100	< 0.00100	<0.00100	<0.00100	1,700
MW-6 5/31/2016 2,000 12/8/2016 2,000 11/14/2017 2,000 11/1/4/2017 2,000 11/1/2018 2,000 11/17/2018 1,900 3/27/2019 1,900 12/6/2019 1,900 12/6/2020 <0.00100		4/16/2015	<0.00100	< 0.00100	<0.00100	<0.00100	1,750
MW-5 12/8/2016 1,990 11/1/4/2017 2,000 5/9/2018 2,000 11/17/2018 1,990 9/18/2019 1,990 12/8/2019 1,400 4/22/2020 <0.00100			<0.00100	<0.00100	<0.00100	<0.00150	1,800
Si8/2017 1,900 11/14/2017 2,000 Si9/2018 2,300 11/7/2018 1,500 3/27/2019 1,500 9/18/2019 1,400 12/6/2020 <0.00100							2,000
MW-5 11/14/2017 2,300 11/17/2018 1,900 3/27/2019 1,900 9/18/2019 1,900 12/6/2019 1,400 4/22/2020 <0.00100							
MW-5 5/9/2018 1,800 3/27/2019 1,800 3/27/2019 1,900 12/6/2019 1,900 4/22/2020 <0.00100							
MW-5 11/7/2018 1,500 9/18/2019 1,800 12/6/2019 1,400 4/22/2020 <0.00100							2,000
MW-5 3/27/2019 1,900 12/6/2019 1,900 12/6/2019 1,400 4/22/2020 <0.00100							<u> </u>
MW-5 9/18/2019 1,400 12/6/2019 1,400 4/22/2020 <0.00100							
MW-6 12/6/2019 1,400 4/22/2020 <0.00100	MW-5						<u> </u>
MW-6 4/22/2020 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00100 <0.00150 1.400 11/17/2018							
MW-6 11/18/2020 <0.00100 <0.00100 <0.00100 <0.00150 2,000 5/6/2021 1,700 5/25/2022 1,300 10/13/2022 1,300 10/13/2023 1,310 5/25/2023 1,300 11/7/203 1,310 11/7/2013 1,300 6/1/2016 1,400 12/8/2017 1,700 5/8/2017 1,700 5/8/2017 1,700 5/8/2017 1,800 11/17/2018 1,800 11/17/2019 1,800							<u> </u>
Si6i2021 1,700 11/23/2021 1,500 5/52/2022 1,300 10/13/2022 1,300 11/7/2023 1,300 11/7/2023 1,310 6/1/2015 <0.00100							
MW-6 11/23/2021 1,300 10/13/2022 1,300 10/13/2022 1,300 5/29/2023 1,300 6/1/2015 <0.00100					<0.00100		
Si25/2022 1,300 10/13/2022 1,100 Si29/2023 1,360 11/7/2023 1,310 Image: Size Size Size Size Size Size Size Size							
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MW-6 6/1/2016 1,400 12/8/2016 1,700 5/8/2017 1,700 5/8/2017 1,100 5/9/2018 1,300 11/17/2018 1,000 3/27/2019 1,000 11/12/2018 1,000 11/12/2019 1,400 12/6/2019 1,400 11/18/2020 <0.00100		1/20/2015	<0.00100	<0.00100	<0.00100	<0.00100	1 300
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MW-6 11/17/2017 1,100 5/9/2018 1,300 11/7/2018 1,300 11/7/2019 1,000 3/27/2019 1,300 11/7/2018 1,300 12/6/2019 1,400 4/22/2020 <0.00100							
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MW-6 11/7/2018 1,100 3/27/2019 1,000 9/18/2019 1,300 12/6/2019 1,400 4/22/2020 <0.00100							
MW-6 3/27/2019 1,000 9/18/2019 1,300 12/6/2019 1,300 4/22/2020 <0.00100							
MW-6 9/18/2019 1,300 12/6/2019 1,400 4/22/2020 <0.00100							
MW-6 12/6/2019 1,400 4/22/2020 <0.00100	MAAL C						1,300
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5/6/2021 1,300 11/23/2021 1,400 5/25/2022 1,600 10/13/2022 1,600 5/29/2023 1,680 11/7/2023 1,680 11/7/2023 1,680 11/7/2013 1,680 6/1/2016 740 12/8/2016 830 5/8/2017 830 5/8/2017 870 11/14/2017 870 5/9/2018 870 9/18/2019 </td <td></td> <td>4/22/2020</td> <td><0.00100</td> <td>< 0.00100</td> <td><0.00100</td> <td><0.00150</td> <td>1,400</td>		4/22/2020	<0.00100	< 0.00100	<0.00100	<0.00150	1,400
11/23/2021 1,400 5/25/2022 1,600 10/13/2022 1,600 5/29/2023 1,600 5/29/2023 1,600 11/17/2023 1,680 11/17/2023 1,480 6/1/2016 740 12/8/2016 830 5/8/2017 830 5/8/2017 830 5/8/2018 820 11/1/1/2018 870 9/18/2019 870 9/18/2019 920 4/22/2020 <0.00100		11/18/2020	<0.00100	< 0.00100	<0.00100	<0.00150	1,500
5/25/2022 1,600 10/13/2022 1,600 5/29/2023 1,600 5/29/2023 1,680 11/7/2023 1,480 1,480 1,480 1,480 1,480 1,480 7,40 12/8/2016 830 5/8/2017 870 11/14/2017 870 870 5/9/2018 <t< td=""><td></td><td>5/6/2021</td><td></td><td></td><td></td><td></td><td>1,300</td></t<>		5/6/2021					1,300
10/13/2022 1,600 5/29/2023 1,680 11/7/2023 1,680 11/7/2023 1,480 11/7/2023 1,480 11/7/2023 1,480 11/7/2016 740 12/8/2016 830 5/8/2017 810 11/1/4/2017 870 5/9/2018 870 11/7/2018 870 11/7/2018 870 9/18/2019 870 11/18/2020 <0.00100		11/23/2021					1,400
5/29/2023 1,680 11/7/2023 1,480 11/7/2023 1,480 11/7/2023 1,480 11/7/2023 1,480 11/7/2015 <0.00100		5/25/2022					1,600
11/7/2023 1,480 12/18/2015 <0.00100							· · · · ·
Image: New Problem Image:							<u> </u>
6/1/2016 740 12/8/2016 740 12/8/2016 830 5/8/2017 830 11/14/2017 810 11/14/2017 670 5/9/2018 870 11/17/2018 870 3/27/2019 870 9/18/2019 920 4/22/2020 <0.00100		11/7/2023					1,480
6/1/2016 740 12/8/2016 740 12/8/2016 830 5/8/2017 830 11/14/2017 810 11/14/2017 670 5/9/2018 870 11/17/2018 870 3/27/2019 870 9/18/2019 920 4/22/2020 <0.00100		40/40/0045	10.00100	10.00100	10,00100	10.00450	500
12/8/2016 830 5/8/2017 810 11/14/2017 810 11/14/2017 810 5/9/2018 670 5/9/2018 820 11/17/2018 870 9/18/2019 870 9/18/2019 920 4/22/2020 <0.00100			<0.00100	<0.00100	<0.00100	<0.00150	
5/8/2017 810 11/14/2017 810 11/14/2017 670 5/9/2018 820 11/17/2018 870 3/27/2019 870 9/18/2019 920 4/22/2020 <0.00100							
11/14/2017 670 5/9/2018 820 11/7/2018 820 11/7/2018 870 3/27/2019 870 9/18/2019 920 4/22/2020 <0.00100							
5/9/2018 820 11/7/2018 870 3/27/2019 870 9/18/2019 920 4/22/2020 <0.00100							
MW-7 11/7/2018 870 3/27/2019 870 9/18/2019 870 4/22/2020 <0.00100							
MW-7 3/27/2019 870 9/18/2019 920 4/22/2020 <0.00100							
9/18/2019 920 4/22/2020 <0.00100	M\\\/_7						
4/22/2020 <0.00100 <0.00100 <0.00100 <0.00150 900 11/18/2020 <0.00100	10100-7						
11/18/2020 <0.00100 <0.00100 <0.00100 <0.00150 920 5/6/2021 870 11/23/2021 870 5/25/2022 870				<0.00100	<0.00100	<0.00150	
5/6/2021 870 11/23/2021 870 5/25/2022 870							
11/23/2021 870 5/25/2022 2,400							
5/25/2022 2,400							
		10/13/2022					970

Notes:

1) Analytical results are presented in milligrams per liter (mg/L).

2) NMWQCC = New Mexico Water Quality Control Commission.

3) TDS = total dissolved solids.

4) < - Analyte was not detected at or above the laboratory reported detection limit.

5) -- = not analyzed.

6) Bolded/shaded results exceed their respective NMWQCC standards.



Released to the start 1202 PM

Data Source: USGS 7.5 Minute Quad "Eunice and Eunice NE, New Mexico" Lat/Long: 32.47205° North, 103.153517° West











SITE DETAILS MAP

FIGURE 2

Data Source: Image © 2023 Google - Imagery Date: February 20, 2019 Lat/Long: 32.47205° North, 103.153517° West

6/14/2024 5:53:00

OCD:

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 \approx



6/14/2024 5:53:00

0CD:

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New Mexico East (US Feet)

3. MW-7 WAS NOT SAMPLED DUE TO AN INSUFFICIENT AMOUNT OF GROUNDWATER.

EXCAVATION LIMITS

5:53:00

6/14/2024

OCD:

bv

2

CHLORIDE CONCENTRATIONS IN **GROUNDWATER MAP (2023)**

FIGURE 5

Data Source: Image © 2023 Google - Imagery Date: February 20, 2019 Lat/Long: 32.47205° North, 103.153517° West





Data Source: Image © 2023 Google - Imagery Date: February 20, 2019 Lat/Long: 32.47205° North, 103.153517° West

Appendices

Appendix A Excerpt from NMOCD Response to 2021 Annual Groundwater Monitoring Report



REVIEWED

By Nelson Velez at 7:49 am, May 24, 2023

Review of 2021 ANNUAL GROUNDWATER MONITORING REPORT: Content satisfactory

OCD condition of approval are as follows;

1. 1. Following receipt of this report from OCD, operator will be required to install a minimum of four (4) groundwater monitor wells in the general areas displayed within Figure 5 of the report. Locations in general are in up/side gradient area, side gradient areas (2), and in down gradient direction (southeast) by February 20, 2024.

2. Continue groundwater monitoring and sampling on a semi-annual basis for chloride.

3. Submit the Annual Groundwater Monitoring Report to the OCD no later than April 1, 2024.

2021 Annual Groundwater Monitoring Report

MF-16 Pipeline Release Lea County, New Mexico 1RP-2073

Energy Transfer

June 14, 2022

➔ The Power of Commitment

Appendix B Laboratory Analytical Reports



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

June 16, 2023

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

Work Order: HS23060072

Laboratory Results for: 12630933 - MF-16 2023

Dear Blair Owen,

ALS Environmental received 8 sample(s) on Jun 01, 2023 for the analysis presented in the following report.

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

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

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

Sincerely,

Jun Hi

Generated By: JUMOKE.LAWAL James Guin

alsglobal.com

ALS Houston, US

Date: 16-Jun-23

SAMPLE SUMMARY

 Client:
 GHD

 Project:
 12630933 - MF-16 2023

 Work Order:
 HS23060072

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS23060072-01	MW-2-20230529	GW		29-May-2023 17:30	01-Jun-2023 12:20	
HS23060072-02	MW-3-20230529	GW		29-May-2023 17:40	01-Jun-2023 12:20	
HS23060072-03	MW-1-20230529	GW		29-May-2023 17:55	01-Jun-2023 12:20	
HS23060072-04	MW-4-20230529	GW		29-May-2023 18:20	01-Jun-2023 12:20	
HS23060072-05	MW-5-20230529	GW		29-May-2023 18:40	01-Jun-2023 12:20	
HS23060072-06	MW-6-20230529	GW		29-May-2023 19:00	01-Jun-2023 12:20	
HS23060072-07	Dup 01	GW		29-May-2023 00:00	01-Jun-2023 12:20	
HS23060072-08		GW		29-May-2023 00:00	01-Jun-2023 12:20	~

ALS Houston, US

 Client:
 GHD

 Project:
 12630933 - MF-16 2023

 Work Order:
 HS23060072

Work Order Comments

• Due to an unexpected power outage in the area surrounding the laboratory, sample storage requirements were outside of temperature range for approximately 24 hours. As of 2:00 pm, Monday June 12th all temperatures have been verified within specification.

WetChemistry by Method E300

Batch ID: R437780

Sample ID: HS23060089-03MS

• MS and MSD are for an unrelated sample (Chloride)

Sample ID: HS23060089-04MS

• MS and MSD are for an unrelated sample (Chloride)

Date: 16-Jun-23

CASE NARRATIVE

ALS Houston, US		Date: 16-Jun-23			
Client:	GHD	ANALYTICAL REPORT			
Project:	12630933 - MF-16 2023	WorkOrder:HS23060072			
Sample ID:	MW-2-20230529	Lab ID:HS23060072-01			060072-01
Collection Date:	29-May-2023 17:30	Matrix:GW			
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300					Analyst: TH
Chloride	173	2.50	mg/L	5	13-Jun-2023 13:34

ALS Houston, US		Date: 16-Jun-23			
Client:	GHD	ANALYTICAL REPORT			
Project:	12630933 - MF-16 2023	WorkOrder:HS23060072			060072
Sample ID:	MW-3-20230529	Lab ID:HS23060072-02			060072-02
Collection Date:	29-May-2023 17:40	Matrix:GW			
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300					Analyst: TH
Chloride	193	2.50	mg/L	5	13-Jun-2023 13:40

ALS Houston, US		Date: 16-Jun-23			
Client:	GHD	ANALYTICAL REPORT			
Project:	12630933 - MF-16 2023	WorkOrder:HS23060072			
Sample ID:	MW-1-20230529	Lab ID:HS23060072-03			060072-03
Collection Date:	29-May-2023 17:55	Matrix:GW			
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300					Analyst: TH
Chloride	671	10.0	mg/L	20	13-Jun-2023 13:46

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

Page 6 of 17

	Date: 16-Jun-23			
GHD	ANALYTICAL REPORT			
12630933 - MF-16 2023	WorkOrder:HS23060072			
MW-4-20230529	Lab ID:HS23060072-04			060072-04
29-May-2023 18:20	Matrix:GW			
RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300				Analyst: TH
1,030	10.0	mg/L	20	13-Jun-2023 13:51
	12630933 - MF-16 2023 MW-4-20230529 29-May-2023 18:20 RESULT QUAL 2.1, 1993 Method:E300	12630933 - MF-16 2023 MW-4-20230529 29-May-2023 18:20 RESULT QUAL REPORT LIMIT 2.1, 1993 Method:E300	12630933 - MF-16 2023 Work@ MW-4-20230529 Li 29-May-2023 18:20 M RESULT QUAL REPORT LIMIT 21, 1993 Method:E300	12630933 - MF-16 2023 WorkOrder:HS23 MW-4-20230529 Lab ID:HS23 29-May-2023 18:20 Matrix:GW DILUTION FACTOR RESULT QUAL REPORT LIMIT DILUTION FACTOR 2.1, 1993 Method:E300

	Date: 16-Jun-23			
GHD	ANALYTICAL REPORT			
12630933 - MF-16 2023	WorkOrder:HS23060072			
MW-5-20230529	Lab ID:HS23060072-05			060072-05
29-May-2023 18:40	Matrix:GW			
RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300				Analyst: TH
1,360	10.0	mg/L	20	13-Jun-2023 13:57
	12630933 - MF-16 2023 MW-5-20230529 29-May-2023 18:40 RESULT QUAL 2.1, 1993 Method:E300	12630933 - MF-16 2023 MW-5-20230529 29-May-2023 18:40 RESULT QUAL REPORT LIMIT 2.1, 1993 Method:E300	12630933 - MF-16 2023 Work@ MW-5-20230529 La 29-May-2023 18:40 M RESULT QUAL REPORT LIMIT 21, 1993 Method:E300	12630933 - MF-16 2023 WorkOrder:HS23 MW-5-20230529 Lab ID:HS23 29-May-2023 18:40 Matrix:GW DILUTION FACTOR RESULT QUAL REPORT LIMIT DILUTION FACTOR 2.1, 1993 Method:E300

ALS Houston, US		Date: 16-Jun-23			
Client:	GHD	ANALYTICAL REPORT			
Project:	12630933 - MF-16 2023	WorkOrder:HS23060072			
Sample ID:	MW-6-20230529	Lab ID:HS23060072-06			060072-06
Collection Date:	29-May-2023 19:00	Matrix:GW			
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300					Analyst: TH
Chloride	1,680	25.0	mg/L	50	13-Jun-2023 14:03

	Date: 16-Jun-23			
GHD	ANALYTICAL REPORT			
12630933 - MF-16 2023	WorkOrder:HS23060072			060072
Dup 01	Lab ID:HS23060072-07			060072-07
29-May-2023 00:00	Matrix:GW			
RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993 Method:E300				Analyst: TH
1,720	25.0	mg/L	50	13-Jun-2023 14:32
	12630933 - MF-16 2023 Dup 01 29-May-2023 00:00 RESULT QUAL 2.1, 1993 Method:E300	12630933 - MF-16 2023 Dup 01 29-May-2023 00:00 RESULT QUAL REPORT LIMIT 2.1, 1993 Method:E300	12630933 - MF-16 2023 Work@ Dup 01 Li 29-May-2023 00:00 M RESULT QUAL REPORT UNITS 2.1, 1993 Method:E300	12630933 - MF-16 2023 WorkOrder:HS23 Dup 01 Lab ID:HS23 29-May-2023 00:00 Matrix:GW RESULT QUAL REPORT LIMIT VINITS DILUTION FACTOR 72.1, 1993 Method:E300

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

Page 10 of 17

Received by OCD: 6/14/2024 5:53:00 AM

Date: 16-Jun-23

ALS	Houston,	US
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Client: Project: WorkOrder:	GHD 12630933 - MF-1 HS23060072	6 2023			DATES RE	PORT				
Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF				
Batch ID: R4377	80 (0) Test Name	ANIONS BY E300.0, RE	EV 2.1, 1993		Matrix: GW					
HS23060072-01	MW-2-20230529	29 May 2023 17:30			13 Jun 2023 13:34	5				
HS23060072-02	MW-3-20230529	29 May 2023 17:40			13 Jun 2023 13:40	5				
HS23060072-03	MW-1-20230529	29 May 2023 17:55			13 Jun 2023 13:46	20				
HS23060072-04	MW-4-20230529	29 May 2023 18:20			13 Jun 2023 13:51	20				
HS23060072-05	MW-5-20230529	29 May 2023 18:40			13 Jun 2023 13:57	20				
HS23060072-06	MW-6-20230529	29 May 2023 19:00			13 Jun 2023 14:03	50				
HS23060072-07	Dup 01	29 May 2023 00:00			13 Jun 2023 14:32	50				
Client: Project: WorkOrd		D 30933 - MF-16 20 23060072	23					QC BA	TCH REP	ORT
--------------------------------	----------------------	------------------------------------	-----------	----------------------------	------------------	----------------------	------------------	------------------	-------------------	------
Batch ID:	R437780 (0)	Instru	ment:	ICS-Integrion	N	lethod:	ANIONS BY	E300.0, REV	2.1, 1993	
MBLK	Sample ID:	MBLK		Units: r	ng/L	Ana	alysis Date:	13-Jun-2023	11:17	
Client ID:		Run	ID: ICS-I	Integrion_437780			PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	
Chloride		U	0.500							
LCS	Sample ID:	LCS		Units: r	ng/L	Ana	alysis Date:	13-Jun-2023	11:23	
Client ID:		Run	ID: ICS-I	Integrion_437780			PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	
Chloride		21.2	0.500	20	0	106	90 - 110			
MS	Sample ID:	HS23060089-04MS		Units: r	ng/L	Ana	alysis Date:	13-Jun-2023	12:36	
Client ID:		Run	ID: ICS-I	Integrion_437780	SeqNo:	7360265	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	
Chloride		56.41	0.500	10	48.48	79.3	80 - 120			S
MS	Sample ID:	HS23060089-03MS		Units: r	ng/L	Ana	alysis Date:	13-Jun-2023	12:18	
Client ID:		Run	ID: ICS-I	Integrion_437780	SeqNo:	7360262	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	
Chloride		71.39	0.500	10	64.37	70.2	80 - 120			S
MSD	Sample ID:	HS23060089-04MSD)	Units: r	ng/L	Ana	alysis Date:	13-Jun-2023	12:42	
Client ID:		Run	ID: ICS-I	Integrion_437780	SeqNo:	7360266	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	
Chloride		56.34	0.500	10	48.48	78.5	80 - 120	56.41	0.133 20) S(
MSD	Sample ID:	HS23060089-03MSD)	Units: r	ng/L	Ana	alysis Date:	13-Jun-2023	12:24	
Client ID:		Run	ID: ICS-I	Integrion_437780	SeqNo:	7360263	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	
Chloride		70.92	0.500	10	64.37	65.5	80 - 120	71.39	0.658 20) S(
The following	samples were analyze	ed in this batch: HS2306 HS2306	0072-01	HS23060072- HS23060072-		HS230600 HS230600		HS23060072	-04	

Date: 16-Jun-23

QUALIFIERS, ACRONYMS, UNITS

Client: Project: WorkOrder:	GHD 12630933 - MF-16 2023 HS23060072	QUALI ACRON
Qualifier	Description	
*	Value exceeds Regulatory Limit	
а	Not accredited	
В	Analyte detected in the associated Method Blank above the Reporting Limit	
E	Value above quantitation range	
н	Analyzed outside of Holding Time	
J	Analyte detected below quantitation limit	
Μ	Manually integrated, see raw data for justification	
n	Not offered for accreditation	
ND	Not Detected at the Reporting Limit	
0	Sample amount is > 4 times amount spiked	
Р	Dual Column results percent difference > 40%	
R	RPD above laboratory control limit	
S	Spike Recovery outside laboratory control limits	
U	Analyzed but not detected above the MDL/SDL	
Acronym	Description	
DCS	Detectability Check Study	
DUP	Method Duplicate	
LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	
MBLK	Method Blank	
MDL	Method Detection Limit	
MQL	Method Quantitation Limit	
MS	Matrix Spike	
MSD	Matrix Spike Duplicate	
PDS	Post Digestion Spike	
PQL	Practical Quantitaion Limit	
SD	Serial Dilution	
SDL	Sample Detection Limit	
TRRP	Texas Risk Reduction Program	

Date: 16-Jun-23

CERTIFICATIONS, ACCREDITATIONS & LICENSES

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

Date: 16-Jun-23

					Sample Receipt Checklist		
Work Order ID:	HS23060072		Date/	Time Received:	<u>01-Jun-2023 12:20</u>		
Client Name:	GHDHouston		Recei	ived by:	<u>Malcolm Burleson</u>		
Completed By	: /S/ Malcolm Burleson	01-Jun-2023 16:37	Reviewed by: /S/	James Guin	15-Jun-2023 19:18		
	eSignature	Date/Time		eSignature	Date/Time		
Matrices:	water		Carrier name:	<u>FedEx</u>			
Shipping contai	iner/cooler in good condition?		Yes 🔽	No 🗌	Not Present		
Custody seals i	ntact on shipping container/cool	er?	Yes 📃	No 🗌	Not Present 🗹		
Custody seals i	ntact on sample bottles?		Yes 📃	No 🗌	Not Present		
VOA/TX1005/T	X1006 Solids in hermetically sea	aled vials?	Yes 📃	No 🗌	Not Present		
Chain of custod	ly present?		Yes 🔽	No 🗌	1 Page(s)		
Chain of custod	ly signed when relinquished and	received?	Yes 🗹	No 🗌	COC IDs:241368		
Samplers name	e present on COC?		Yes 📃	No 🗹			
Chain of custod	ly agrees with sample labels?		Yes 📃	No 🗹			
Samples in pro	per container/bottle?		Yes 🗹	No 🗌			
Sample contain	ners intact?		Yes 🗹	No 📃			
Sufficient samp	le volume for indicated test?		Yes 🗹	No 🗌			
All samples rec	eived within holding time?		Yes 🗹	No 🗌			
Container/Tem	p Blank temperature in complian	ce?	Yes 🗹	No 🗌			
Temperature(s))/Thermometer(s):		0.7uc 0.6c		ir31		
Cooler(s)/Kit(s)	:		47321				
Date/Time sam	ple(s) sent to storage:		06012023				
Water - VOA vi	als have zero headspace?		Yes	No I	No VOA vials submitted		
Water - pH acc	eptable upon receipt?		Yes	No 🗌	N/A 🔽		
pH adjusted?			Yes	No 🗌	N/A 🔽		
pH adjusted by:	:						
Login Notes:	One extra container received n	ot marked on COC and t	he container label is b	lank. Logged in bo	ottle with no analysis.		
Client Contacte	ed:	Date Contacted:		Person Con	tacted:		
Contacted By:		Regarding:					
Comments:							
Corrective Action	on:						

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		ett, WA 25 356 2600	Holland, +1 616 3				ageof		<u>```</u>			12	26309	-GH 133 - I	HD MF-16	2023	
				г			COC ID:	to make a second se									
	Customer Information	A CONTRACTOR OF CONTRACTOR			Projec	t Inform	ALS Project	: Manager:		nieneiden konst							
Purchase Order			Project N	Vame					A								
Work Order	E-19001-GL-21300127 Sta	icy Boul	Project Nu				F-16 2023		B	00_W (30	<u>0 (1) (1</u>	20mi p r	veat			·	
Company Name	GHD		Bill To Com	and the second second	12630				c								
Send Report To	Blair Owen		Invoice			y Transf Boulting			D								
	11451 Katy Fwy					lox 1324			E								
Address	Suite 400		Ado	tress	• • • • • • • •		~ ~		F								
City/State/Zip	Houston, TX 77079		City/State	e/Zip	Dallas	s TX 753	243		G								·····
Phone	(713) 734-3090			hone	Lana	3 IX 700	//0		H								
Fax	(713) 734-3391			Fax				<u>-</u> ,	1								W-185-WAI
e-Mail Address	blair.owen@ghd.com		e-Mail Add		Stacy	Boulting	house@ene	ravtransfer	nd								
).	Sample Description		Date	Januar Januar Ja	me	Matrix	Pres.	# Bottles		B C	D	E	F	G	H	J	Hold
. MW-7	-20230529	4	5/28/23	177	0	GW	8	1	X								
163	3-20230529		129/23	174	(0	G۳	8	1	X								
	1-20230529			17 5		6m	(1	x								
244 T	4-20270529			182		Gh	e	1	8								
200	5-20230529		129 (2)	184		6L	8	· ·	Ý								
27	6-2023052a		125/23			Gn	Ŷ	1	X		-						
	7-20290524		(29/22					1	Ý		-						
DURO				-		GW	4	1	X		-						
	-			+		-		7									
impler(s) Please Pi	rint & Sign	1	Shipme	nt Metho	bc	Re	quired Turnard	ound Time: (Check B	ох) 🗍	Other		<u>_</u>	Re	sults Du	Je Date:	
							STD 10 WK De	ys 🔲	5 Wk Day	s 🗍	2 WK Days		24 Ho	sur			
linquished by:	myil Date: S	/ 798 Tin	ne: (PO O	Receive	a by:				Notes:	ETC M	F-16 Le	a County	y NM				
linquished by:	Date: 5	31/25 Tin	ne:	Receive	d by (Lab	oratory):		012023	Coole	r ID Co	ooler Temp	Contract of Contra	ickage:	(Check	One Box	(Below)	
	Date:		ne: <	6	d by (Lab	5		-1220	473		1 <u>RZ</u> D. Ju		Level	I Std QC	;		RRP Checklist

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.
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10450 Stancliff Rd. Suite 210 Houston, TX 77099 T: +1 281 530 5656 F: +1 281 530 5887

November 21, 2023

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

Work Order: HS23110643

Laboratory Results for: 12630933 - MF-16 2023

Dear Blair Owen,

ALS Environmental received 7 sample(s) on Nov 09, 2023 for the analysis presented in the following report.

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

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

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

Sincerely,

Jun Hi

Generated By: JUMOKE.LAWAL James Guin

alsglobal.com

GHD

MW-3-20231107

MW-4-20231107

MW-5-20231107

MW-6-20231107

DUP-01

ALS Houston, US

HS23110643-03

HS23110643-04

HS23110643-05

HS23110643-06

HS23110643-07

Client:

Hold

Date: 21-Nov-23

SAMPLE SUMMARY

Date Received

09-Nov-2023 09:40

07-Nov-2023 14:50

07-Nov-2023 14:55

07-Nov-2023 15:05

07-Nov-2023 15:15

07-Nov-2023 00:00

12630933 - MF-16 2023 **Project:** Work Order: HS23110643 Lab Samp ID **Client Sample ID** Matrix TagNo **Collection Date** HS23110643-01 MW-1-20231107 Groundwater 07-Nov-2023 14:25 HS23110643-02 MW-2-20231107 Groundwater 07-Nov-2023 14:30

Groundwater

Groundwater

Groundwater

Groundwater

Groundwater

Page 2 of 17 **RIGHT SOLUTIONS | RIGHT PARTNER**

CASE NARRATIVE

Client: GHD Project: 12630933 - MF-16 2023

Work Order: HS23110643

WetChemistry by Method E300

Batch ID: R452331

ALS Houston, US

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

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.

ALS Houston, US					Date: 21-Nov-23	
Client:	GHD	ANALYTICAL REPOR				
Project:	12630933 - MF-16 2023	WorkOrder:HS23110643				
Sample ID:	MW-1-20231107	Lab ID:HS23110643-01				
Collection Date:	07-Nov-2023 14:25	Matrix:Groundwater				
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
ANIONS BY E300.0, REV	/ 2.1, 1993 Method:E300				Analyst: TH	
Chloride	630	5.00	mg/L	10	20-Nov-2023 11:25	

ALS Houston, US					Date: 21-Nov-23	
Client:	GHD		ANALYTICAL R			
Project:	12630933 - MF-16 2023		Order:HS23	order:HS23110643		
Sample ID:	MW-2-20231107		110643-02			
Collection Date:	07-Nov-2023 14:30	Matrix:Groundwater			ndwater	
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
ANIONS BY E300.0, REV	7 2.1, 1993 Method:E300				Analyst: TH	
Chloride	168	2.50	mg/L	5	20-Nov-2023 11:31	

ALS Houston, US					Date: 21-Nov-23	
Client:	GHD	ANALYTICAL REPO				
Project:	12630933 - MF-16 2023		WorkOrder:HS23110643			
Sample ID:	MW-3-20231107		Lab ID:HS23110643-03			
Collection Date:	07-Nov-2023 14:50	Matrix:Groundwater			ndwater	
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
ANIONS BY E300.0, REV	/ 2.1, 1993 Method:E300				Analyst: TH	
Chloride	213	2.50	mg/L	5	20-Nov-2023 12:36	

ALS Houston, US					Date: 21-Nov-23		
Client:	GHD		ANALYTICAL				
Project:	12630933 - MF-16 2023		WorkOrder:HS23110643				
Sample ID:	MW-4-20231107		Lab ID:HS23110643-04				
Collection Date:	07-Nov-2023 14:55		Matrix:Groundwater				
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED		
ANIONS BY E300.0, REV	/ 2.1, 1993 Method:E300				Analyst: TH		
Chloride	1,220	25.0	mg/L	50	20-Nov-2023 12:42		

ALS Houston, US					Date: 21-Nov-23		
Client:	GHD		ANALYTICAL REPO				
Project:	12630933 - MF-16 2023		WorkOrder:HS23110643				
Sample ID:	MW-5-20231107		Lab ID:HS23110643-05				
Collection Date:	07-Nov-2023 15:05		Matrix:Groundwater				
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED		
ANIONS BY E300.0, REV	/ 2.1, 1993 Method:E300				Analyst: TH		
Chloride	1,310	25.0	mg/L	50	20-Nov-2023 12:48		

ALS Houston, US					Date: 21-Nov-23		
Client:	GHD		ANALYTICAL REPC				
Project:	12630933 - MF-16 2023		WorkOrder:HS23110643				
Sample ID:	MW-6-20231107		Lab ID:HS23110643-06				
Collection Date:	07-Nov-2023 15:15		Matrix:Groundwater				
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED		
ANIONS BY E300.0, REV	/ 2.1, 1993 Method:E300				Analyst: TH		
Chloride	1,480	25.0	mg/L	50	20-Nov-2023 12:54		

ALS Houston, US					Date: 21-Nov-23	
Client:	GHD	ANALYTICAL REP				
Project:	12630933 - MF-16 2023	WorkOrder:HS23110643				
Sample ID:	DUP-01	Lab ID:HS23110643-07				
Collection Date:	07-Nov-2023 00:00	Matrix:Groundwater			ndwater	
ANALYSES	RESULT QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED	
ANIONS BY E300.0, REV	/ 2.1, 1993 Method:E300				Analyst: TH	
Chloride	1,590	25.0	mg/L	50	20-Nov-2023 13:24	

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

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Received by OCD: 6/14/2024 5:53:00 AM

Date: 21-Nov-23

ALS Houston, US

Client: Project: WorkOrder:	GHD 12630933 - MF-1 HS23110643	6 2023			DATES RE	PORT
Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R4523	31(0) Test Name	ANIONS BY E300.0, RE	EV 2.1, 1993		Matrix: Groundw	ater
HS23110643-01	MW-1-20231107	07 Nov 2023 14:25			20 Nov 2023 11:25	10
HS23110643-02	MW-2-20231107	07 Nov 2023 14:30			20 Nov 2023 11:31	5
HS23110643-03	MW-3-20231107	07 Nov 2023 14:50			20 Nov 2023 12:36	5
HS23110643-04	MW-4-20231107	07 Nov 2023 14:55			20 Nov 2023 12:42	50
HS23110643-05	MW-5-20231107	07 Nov 2023 15:05			20 Nov 2023 12:48	50
HS23110643-06	MW-6-20231107	07 Nov 2023 15:15			20 Nov 2023 12:54	50
HS23110643-07	DUP-01	07 Nov 2023 00:00			20 Nov 2023 13:24	50

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Client: Project: WorkOrd		D 30933 - MF-16 20 23110643	023					QC BA	TCH REPO	ORT
Batch ID:	R452331(0)	Instru	ument:	CS-Integrion	М	ethod: A	ANIONS BY	E300.0, REV	2.1, 1993	
MBLK	Sample ID:	MBLK		Units: r	•			20-Nov-2023		
Client ID:		Ru	n ID: ICS-I	ntegrion_452331	SeqNo: 7	685851	PrepDate: Control	RPD Ref	DF: 1 RPD	
Analyte		Result	PQL	SPK Val	Value	%REC	Limit	Value	%RPD Limit	Qual
Chloride		U	0.500							
LCS	Sample ID:	LCS		Units: r	ng/L	Ana	alysis Date:	20-Nov-2023	3 10:07	
Client ID:		Ru	n ID: ICS-I	ntegrion_452331	SeqNo: 7	685852	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	Qual
Chloride		20.52	0.500	20	0	103	90 - 110			
MS	Sample ID:	HS23110663-03MS		Units: r	ng/L	Ana	alysis Date:	20-Nov-2023	3 12:24	
Client ID:		Ru	n ID: ICS-I	ntegrion_452331	SeqNo: 7	685867	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	Qual
Chloride		60.61	0.500	10	50.74	98.7	80 - 120			
MS	Sample ID:	HS23110663-02MS		Units: r	ng/L	Ana	alysis Date:	20-Nov-2023	3 12:06	
Client ID:		Ru	n ID: ICS-I	ntegrion_452331	SeqNo: 7	685864	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	Qual
Chloride		69.05	0.500	10	59.22	98.4	80 - 120			
MSD	Sample ID:	HS23110663-03MSI	D	Units: r	ng/L	Ana	alysis Date:	20-Nov-2023	3 12:30	
Client ID:		Ru	n ID: ICS-I	ntegrion_452331	SeqNo: 7	685868	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	Qual
Chloride		60.56	0.500	10	50.74	98.2	80 - 120	60.61	0.0759 20	
MSD	Sample ID:	HS23110663-02MSI		Units: r	ng/L	Ana	alysis Date:	20-Nov-2023	3 12:12	
Client ID:	-	Ru	n ID: ICS-I	ntegrion_452331	SeqNo: 7	685865	PrepDate:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD Limit	Qua
Chloride		69.2	0.500	10	59.22	99.8	80 - 120	69.05	0.21 20	
he following	samples were analyze	ed in this batch: HS231 HS231	10643-01 10643-05	HS23110643- HS23110643-		HS231106 HS231106		HS23110643	-04	

Client:

ALS Houston, US

GHD

Date: 21-Nov-23

QUALIFIERS, NYMS, UNITS

Project: WorkOrder:	12630933 - MF-16 2023 HS23110643	ACRON
Qualifier	Description	
*	Value exceeds Regulatory Limit	
а	Not accredited	
В	Analyte detected in the associated Method Blank above the Reporting Limit	
E	Value above quantitation range	
н	Analyzed outside of Holding Time	
J	Analyte detected below quantitation limit	
Μ	Manually integrated, see raw data for justification	
n	Not offered for accreditation	
ND	Not Detected at the Reporting Limit	
0	Sample amount is > 4 times amount spiked	
Р	Dual Column results percent difference > 40%	
R	RPD above laboratory control limit	
S	Spike Recovery outside laboratory control limits	
U	Analyzed but not detected above the MDL/SDL	
Acronym	Description	
DCS	Detectability Check Study	
DUP	Method Duplicate	
LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	
MBLK	Method Blank	
MDL	Method Detection Limit	
MQL	Method Quantitation Limit	
MS	Matrix Spike	
MSD	Matrix Spike Duplicate	
PDS	Post Digestion Spike	
PQL	Practical Quantitaion Limit	
SD	Serial Dilution	
SDL	Sample Detection Limit	
TRRP	Texas Risk Reduction Program	

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Date: 21-Nov-23

CERTIFICATIONS, ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L23-358	31-May-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624-2023	31-Dec-2023
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-31	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

Date: 21-Nov-23

					Sample Receipt Checklist
Work Order ID:	HS23110643		Date/1	Fime Received:	<u>09-Nov-2023 09:40</u>
Client Name:	GHDHouston		Recei	ved by:	<u>Malcolm Burleson</u>
Completed By	S/ Corey Grandits	09-Nov-2023 18:03	Reviewed by: ///	James Guin	10-Nov-2023 08:27
	eSignature	Date/Time	_	eSignature	Date/Time
Matrices:	<u>w</u>		Carrier name:	<u>FedEx</u>	
Custody seals i Custody seals i VOA/TX1005/T Chain of custod Chain of custod Samplers name Chain of custod Samples in prop Sample contain Sufficient samp	y signed when relinquished and r present on COC? y agrees with sample labels? per container/bottle?	ed vials?	Yes V Yes V	No No No No No No No No No No	Not Present Not Present Not Present Not Present 1 Page(s) COC IDs:307589
	Blank temperature in complianc	e?		No	
Cooler(s)/Kit(s)	/Thermometer(s):		3.2UC/3.1C 47676		IR31
	ple(s) sent to storage:		11/9/23		
	als have zero headspace? eptable upon receipt?		Yes Yes Yes	No No No	No VOA vials submitted N/A N/A
Client Contacte	d:	Date Contacted:		Person Cor	itacted:
Contacted By:		Regarding:			
Comments:					
Corrective Actic	on:				

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Received by OCD: 6/14/2024 5:53:00 AM	Cincinnati, OH +1 513 733 5336	Fort Collins, CO +1 970 490 1511	Chain of Custody Form	Houston, TX +1 281 530 5656	Spring City, PA +1 610 948 4903	Page 58 of 61 South Charleston, WV +1 304 356 3168
	Everett, WA +1 425 356 2600	Holland, MI +1 616 399 6070	Page of	Middletown, PA +1 717 944 5541	Salt Lake City, UT +1 801 266 7700	York, PA +1 717 505 5280
(ALS)						

	(<i>A</i>	(LS)			C	oc id: 3	0758	9										
						LS Project	Manager:						Work	annen si in anne a	commence deservations			
	(Customer Information		Proje	ct Informat	tion		Į		Pai	ramet	er/Me	thod	Reque	est for	Ana	vsis	
Pu	Irchase Order	E-19001-GL-21300127 Stacy Boul	Project Nan	ne 1263	0933 - MF-	16 2023		A 3	W_00	(300 (ス) [120)ml P	Neat]					
	Work Order		Project Numb	er 1263	0933			в										
Co	mpany Name	GHD	Bill To Compar	ny Ener	gy Transfer	*		C	11600440642					12	dio la seconda			
Se	and Report To	Blair Owen	Invoice At	tn Stac	Stacy Boultinghouse D		D	HS23110643										
	i	11451 Katy Fwy			Box 132400)		E			12	6300,	GHI 33 - N		2023			
	Address	Suite 400	Addre	SS				F										
C	City/State/Zip	Houston, TX 77079	City/State/Z	ip Dalla	s TX 7531	3		G										
	Phone	(713) 734-3090	Phor	10				н										
	Fax	(713) 734-3391	Fi	ax				1										
e-	Mail Address	blair.owen@ghd.com	e-Mail Addres	ss Stacy	/.Boultingho	ouse@ener	gytransfer	- COL										
No.	~~~	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	В	C	D	E	F	G	H	1	J	Hold
1	-				GW	8	1	Х					-					
2		-20201107	11/7	14:25	GW	8	2	X										
3		1-2033/101	11/7	14:30	GW	8	A	\propto										
4		3-20231107		14:50	GW	8	4	\sim										
5	MW-L	1- 2023/107	11/7	14:55	GW	8	1	\times										
6	MW-1	5-2023/107	11/7 1	15:05	GW	8	1	X										
7	MW-	6-2023/107	11/7 1	5:15	GN	8	1	X										
8	DUP-0	1	11/7		GW	Z	1	\neq										
9	•																	
10																		
	npler(s) Please P		Shipment	Method CX		uired Turnar	grenting		. 1	Oth	And the second s			- I	Results	Due Di	ite:	
Reli	nguished by:	Date:		eceived by:		STD 10 WICDA	/s5	VVk Day Notes:	iconoseeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee	2 MF-1	k Days 16 Lea	Coun	<u>1 24 F</u> tv NM	ระสงระสารประเทศสารราช	RALINGUIGE CONTRACTOR			
	nquished by:	Date:		leceived by (La	peratory):		10003	Coc	vier ID	Cool	er Temp	anex-finances			ck One E	Box Bek		
Log	ged by (Laboratory): Date:	Time:	necker oy (La	iboratory):	(2940	476	576	3	31		was	t II Sid Qi Fili Sid Q	C XC/Rew Da	102	-221	^o Chacklist ^o Level IV
Pre	servative Key:	1-HCI 2-HNO3 3-H2SO4 4-Na	aOH 5-Na ₂ S ₂ O ₃	6-NaHSC	ہ م ₄ 7-Othe	er 8-4°C	9 -5035				5.10	2	Level	I IV SMB	4B/CLP	f		

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

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

CONDITIONS

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 354095

CONDITIONS							
Operator:	OGRID:						
ETC Texas Pipeline, Ltd.	371183						
8111 Westchester Drive	Action Number:						
Dallas, TX 75225	354095						
	Action Type:						
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)						
	-						

CONDITIONS		
Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Monitoring Report for MF-16 Pipeline Release submitted on behalf of GHD: content satisfactory. 1. Proceed to install four (4) additional monitoring wells as proposed in the 2nd half of 2024. A postponement was necessary due to an agreement needed with the landowner. 2. Continue to sample on a semi-annual basis and return to a quarterly schedule when chloride is demonstrated to be below the human health standards in the WQCC. 3. Submit the 2024 annual report to OCD via online permitting by April 1, 2025.	7/2/2024