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Your ref.: Incident Number nAPP2214000463
Our ref.: 12660611-NMOCD-1

July 24, 2025

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

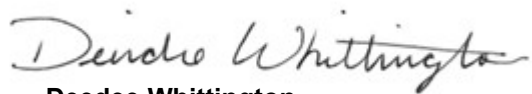
2024 Annual Groundwater Monitoring Report
A-7 Bettis
ET Gathering & Processing, LLC
Lea County, New Mexico
New Mexico Oil Conservation Division Nos. 1RP-9-5-2186 and 1RP-1540
Incident Number nAPP2214000463

Dear Sir or Madam:

On behalf of ET Gathering & Processing, LLC (ETG&P), formerly ETC Texas Pipeline, Ltd., GHD Services Inc. (GHD) is submitting the 2024 Annual Groundwater Monitoring Report (Report) for the above-referenced property (Site) to the New Mexico Oil Conservation Division (NMOCD). The Report summarizes activities performed at the Site during 2024 in accordance with the NMOCD's recommendations in response to the 2022 Annual Groundwater Monitoring Report submitted in February 2024.

Should you have any questions or comments regarding this submittal, please don't hesitate to contact the undersigned.

Regards,



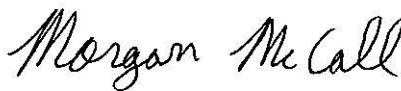
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Encl.: 2024 Annual Groundwater Monitoring Report

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2024 Annual Groundwater Monitoring Report

A-7 Bettis

Lea County, New Mexico

NMOCD Nos. 1RP-9-5-2186 and 1RP-1540

Incident No. nAPP2214000463

ET Gathering & Processing LLC

July 24, 2025

→ The Power of Commitment

Contents

1.	Introduction	1
1.1	Site Background	1
2.	Monitoring Well Installation	2
3.	Groundwater Monitoring	3
3.1	Monitoring Well Gauging	4
3.2	Groundwater Sampling	4
3.3	Quality Assurance/Quality Control	4
3.4	Analytical Results	4
4.	Summary and Recommendations	5
4.1	Summary	5
4.2	Recommendations	5
5.	Scope and Limitations	5

Table index

Table 1	Summary of Soil Analytical Results
Table 2	Summary of Groundwater Elevation Data
Table 3	Summary of Groundwater Quality Field Parameters
Table 4	Summary of Groundwater Analytical Results

Figure index

Figure 1	Site Location Map
Figure 2	Site Details Map
Figure 3	Potentiometric Surface Map (June 2024)
Figure 4	Potentiometric Surface Map (November 2024)
Figure 5	Groundwater COC Concentrations Map (2024)

Appendices

Appendix A	Boring/Monitoring Well Log
Appendix B	Laboratory Analytical Reports

1. Introduction

This report presents the results of groundwater monitoring activities performed during 2024 by GHD Services Inc. (GHD) at the ET Gathering & Processing LLC (ET G&P) A-7 Bettis Site (Site). The Site is located at 32° 28' 31.3212" North and 103° 8' 31.74" West within Unit letter L, Sections 14 and 15 (**Figure 1**). The property on which the Site is located is owned by Mr. Charlie Bettis of Eunice, New Mexico. The Site is regulated by the New Mexico Oil Conservation Division (NMOCD) under remediation case numbers 1RP-9-5-2186 and 1RP-1540 (associated with incident number nAPP2214000463).

1.1 Site Background

On August 22, 2007, former owner/operator Southern Union Gas Services, Ltd. (SUGS) discovered a release from a section of a 10-inch low pressure natural gas pipeline that had failed. SUGS verbally notified NMOCD regarding the release on the same day. The failure resulted in a release of a mixture of crude oil, produced water, and natural gas. The "Release Notification and Corrective Action" (Form C-141) indicated a release of approximately 200 barrels (bbls) of fluid, of which approximately 130 bbls were recovered via vacuum truck. The initial Form C-141 was submitted and approved by the NMOCD Hobbs District Office on August 31, 2007, and assigned case number 1RP-1540. On March 24, 2009, Form C-141 was resubmitted and again approved by the NMOCD Hobbs District Office and assigned the case number 1RP-9-5-2186.

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), total dissolved solids (TDS), and chloride.

Between February 2009 and October 2023 soil and groundwater assessments and remediation events have been conducted at the Site, including the collection and analysis of surface soil samples, excavation and off-Site disposal of impacted soils, advancement of five soil borings for vertical and horizontal delineation, installation of eleven groundwater monitoring wells (MW-1 through MW-11), installation of passive oxygen release socks, and installation of an aeration windmill. 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.

Horizontal delineation of the impacted area was conducted with the collection and analysis of ten surface soil samples on February 26, 2009, which was followed by the excavation of impacted soils from March to July 2009. Additional impacted soils remained in place that could not be removed due to safety considerations. The excavation was partially backfilled and compacted with clean imported soil to 15 feet below ground surface (bgs). A 20-millimeter polyethylene liner was installed over the backfilled soil to minimize the vertical migration of contaminants left in-situ.

Five soil borings, SB-1 through SB-5, were advanced in October 2012 to assess the lateral and vertical extent of soil impacts, three of which were converted into monitoring wells (MW-1 through MW-3). Initial groundwater analytical results indicated that concentrations of BTEX, TDS, and chloride were detected in groundwater samples above the New Mexico Water Quality Control Commission (NMWQCC) standards.

Between August 2013 and December 2015, monitoring wells MW-4 through MW-11 were installed at the Site to further delineate groundwater impacts. Light non-aqueous phase liquid (LNAPL) has never been observed in any of the monitoring wells at the Site.

O-Sox™, passive oxygen release socks, were installed in monitoring wells MW-1 and MW-6 through MW-9 on July 19, 2016, and were replaced on December 9, 2016. However, the socks were swelling in the wells, resulting in difficult removal, and the use of the socks was discontinued in 2017.

To facilitate the degradation of low-level dissolved phase hydrocarbons in groundwater at the Site, GHD installed an aeration windmill in August 2019. The windmill was located between monitoring wells MW-6 and MW-8 and was set to distribute air into groundwater via tubing and air diffusion stones in monitoring wells MW-8 and MW-9. The windmill

operated from August through October 2019 and March through September 2020. Analytical results from groundwater samples collected since discontinuation of windmill operation in 2020 suggest that benzene concentrations in groundwater remain below NMWQCC standard. The windmill has not been operated since September 2020.

In the 2019 Annual Groundwater Monitoring Report submitted to the NMOCD, a revised sampling schedule was proposed for the Site as follows:

- Continue sampling monitoring wells MW-1, MW-2, and MW-6 through MW-11 on a semi-annual basis.
- Decrease sampling for monitoring wells MW-3, MW-4, and MW-5 to an annual basis as those wells had never exceeded the NMWQCC standard for target constituents.

NMOCD approved the revised schedule on April 28, 2020, via e-mail. The revised schedule was implemented in 2021; however, monitoring well MW-2 was swapped for monitoring well MW-3 (i.e., monitoring well MW-2 sampling was reduced to semi-annual instead of monitoring well MW-3). Monitoring well MW-2 has also never exceeded the NMWQCC standard for target constituents.

On May 24, 2023, NMOCD responded to the 2021 Annual Groundwater Monitoring report prepared and submitted for the Site. Their response included further modifications to the sampling schedule as follows:

- Terminate all sampling from monitoring wells MW-2, MW-3, MW-4, MW-5, MW-7, MW-8, and MW-11.
- Terminate sampling for BTEX from monitoring wells MW-1, MW-6, MW-9, and MW-10.
- Continue sampling for chloride from monitoring wells MW-1, MW-6, MW-9, and MW-10.

Additionally, NMOCD requested a monitoring well be installed up-gradient of monitoring well MW-10 to confirm the concentrations of chloride in monitoring well MW-10 “as soon as practicable.” This schedule was only partially implemented in 2023 by discontinuing the BTEX analysis in the second half of 2023. The remainder of the sampling followed the schedule approved by NMOCD approved in April 2020.

The 2022 Annual Groundwater Monitoring report prepared and submitted for the Site requested a revised sampling schedule as follows:

- Continue semi-annual groundwater monitoring for chloride in monitoring wells MW-1, MW-3, MW-6, MW-7, MW-9, and MW-10.
- Conduct annual groundwater monitoring for chloride in monitoring wells MW-2, MW-4, MW-5, MW-8, and MW-11.
- Discontinue groundwater monitoring for BTEX in all monitoring wells.

In July 2024, at the request of NMOCD, monitoring well MW-12 was installed upgradient of MW-10 to confirm and better understand background concentrations of chloride at the Site. The installation of MW-12 and the groundwater monitoring events completed in 2024 are discussed in this report.

2. Monitoring Well Installation

On February 9, 2024, the State of New Mexico Office of the State Engineer issued permit number CP-1988 for the approval to drill one well for non-consumptive purposes. GHD subcontracted drilling activities to White Drilling Company, Inc. (White), who advanced one boring (MW-12) on July 30, 2024. The drilling activities included the following tasks.

- Prior to drilling activities, underground utilities at the Site were marked by utility operators in accordance with the State of New Mexico damage prevention laws. Additionally, an air knife was used to clear the boring to 4 ft bgs.
- The soil boring was advanced to 66 ft bgs via air rotary drilling methodology and open-barrel, single-tubes with soil core liners to collect soil for sampling and observing soil lithology.
- Soil was collected for logging and screening purposes in 1-foot intervals or at changes observed in lithology. Each soil interval was characterized using the United Soil Classification System (USCS), noting soil types and

stratigraphy. Field screening was performed for each foot of sample retrieved from the subsurface. The soil was subjected to headspace analysis using a photo-ionization detector (PID). No PID readings >1 parts per million (ppm) were observed in the soil borings. A soil boring log was completed to record boring identification, primary soil components, description of soil characteristics (USCS), boring drilling method, PID readings, samples collected for analysis, water level, backfill details, boring location, and date.

- Samples were collected every 5 ft bgs and transferred directly into the sample containers appropriate for the selected laboratory analysis and method. New disposable nitrile gloves were worn when handling each sample to mitigate the potential for cross-contamination. Each sample container was then labeled (e.g., boring number, sample interval, collection time, collection date, sample number, and/or other Site identification information) and placed in a laboratory-supplied cooler with ice. All soil samples were transported to ALS Life Sciences Division, Environmental Laboratory (ALS) in Houston, Texas using proper chain-of-custody procedures. All soil samples collected were analyzed for chloride via United States Environmental Protection Agency (USEPA) Method 300.0 and BTEX via USEPA SW 846 Method 8260C.
- Following the completion of drilling activities, the soil boring was constructed into a groundwater monitoring well using two-inch I.D. polyvinylchloride 0.010 slot well screen and solid riser pipe. The annular space between the well screen and the boring wall was filled with clean, 20/40 silica sand from the base of the well to just above the top of well screen. The remaining annular space was sealed using hydrated bentonite chips to approximately 10 ft bgs and switching to Type 2 Portland Cement with 5% bentonite grout to the ground surface. The monitoring well was protected with a steel, flush mount cover set in concrete at the surface. Monitoring well construction details are provided on the boring/monitoring well log provided as **Appendix A**.
- Drilling and sampling equipment were decontaminated prior to each use. GHD personnel donned new nitrile gloves prior to handling each sample.
- White mailed the well record and log to the State of New Mexico Office of the State Engineer on August 15, 2024.

In general, soils at the Site consisted of sandstone and siltstone, with caliche observed around 2.5 to 16 ft bgs. The groundwater-bearing unit was encountered at approximately 49 ft bgs in the light brown sandstone observed from 49 to 63 ft bgs. Silty shale underlain the light brown sandstone to 66 ft bgs. No elevated PID readings or staining/odors were observed during field screening in the boring. Lithology, field screening results, sample depths, and related details are noted on the attached boring log in **Appendix A**.

Soil analytical results indicated BTEX was not detected at concentrations that met or exceeded the laboratory reporting limits. Chloride was detected at concentrations above laboratory detection limits, but concentrations did not exceed NMAC Table I Closure Criteria for the Site in any of the soil samples collected except for the sample collected from MW-12 (65').

A summary of soil analytical results is presented in **Table 1** and the corresponding laboratory analytical reports are included in **Appendix B**.

3. Groundwater Monitoring

GHD performed semi-annual groundwater monitoring events at the Site in June and November 2024. The monitoring program included gauging and sampling the monitoring wells as per the following schedule.

June 11, 2024

- Monitoring wells MW-1, MW-3, and MW-6 through MW-11.

November 11, 2024

- Monitoring wells MW-1 through MW-12.

3.1 Monitoring Well Gauging

On June 11 and November 11, 2024, GHD personnel measured the depth to groundwater in the wells indicated above using an electronic oil/water interface probe (IP). Additionally, MW-12 was gauged and sampled following installation on July 31, 2024. 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 2**.

Based on the data collected in 2024, groundwater flow is generally east-southeast for the Site. The groundwater gradient was calculated to be approximately 0.0011 feet per foot (ft/ft) in June and 0.0006 ft/ft in November. Groundwater potentiometric surface maps are presented as **Figure 3** and **Figure 4**.

3.2 Groundwater Sampling

Following gauging during each 2024 monitoring event, GHD personnel utilized dedicated polyethylene bailers to purge a minimum of three well volumes of groundwater or until the well was dry. Purge water generated during gauging and sampling events was poured onto the concrete well pad surfaces and allowed to evaporate. After purging, groundwater quality field parameters of temperature, pH, oxidation reduction potential, and conductivity were collected with a field-calibrated multi-parameter groundwater quality meter to confirm stabilization of the groundwater prior to the collection of groundwater samples. A summary of groundwater field parameters is presented in **Table 3**. The monitoring wells were given time to recover prior to collecting a groundwater sample.

Following purging and confirmation of groundwater stabilization, groundwater samples were collected via dedicated polyethylene bailers, placed in laboratory-prepared sample containers, labelled, packed in a cooler with ice, and transported under chain-of-custody documentation to ALS. All samples collected were analyzed for chloride via USEPA Method 300.0. Groundwater samples collected from MW-12 were additionally analyzed for BTEX via USEPA SW-846 Method 8260C.

3.3 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.

3.4 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 2024 are summarized in **Table 4** and the corresponding laboratory analytical reports are included in **Appendix B**. A COC concentration map is presented as **Figure 5**. A summary of 2024 results is discussed below:

- Chloride was detected in all groundwater samples collected from the Site in 2024.
- Chloride concentrations exceeded the NMWQCC standard in samples collected from monitoring wells MW-2, MW-3, MW-7, MW-9, and MW-10 in June 2024 and MW-2, MW-3, MW-7, MW-9, MW-10, and MW-12 in November 2024.
- In July 2024, chloride concentrations in the groundwater sample collected from monitoring well MW-12 exceeded the NMWQCC standard. BTEX was not detected above laboratory detection limits in monitoring well MW-12 during the July and November sampling events.

4. Summary and Recommendations

4.1 Summary

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

- MW-12 was installed upgradient of MW-10 on July 30, 2024, to confirm and better understand background concentrations of chloride at the Site.
- Soil analytical results from MW-12 indicated BTEX and chloride were not detected at concentrations that met or exceeded laboratory reporting limits or NMAC Table I Closure Criteria for the Site, except for the soil sample collected from MW-12 (65').
- BTEX was not detected above the laboratory reporting limit or NMWQCC standards in the groundwater sample collected from MW-12.
- Chloride was detected in monitoring wells MW-2, MW-3, MW-7, MW-9, MW-10, and MW-12 at concentrations that exceeded the NMWQCC standard.
- The concentrations of chloride in MW-12 are similar to those detected in MW-2, MW-3, MW-7, MW-9, and MW-10, which leads GHD to believe that the concentrations of chloride at the Site represent the regional background levels.

4.2 Recommendations

Based on the results of the 2024 groundwater monitoring events, GHD recommends the following:

- Conduct annual groundwater monitoring for chloride in monitoring wells MW-1 through MW-12.
- Continue semi-annual groundwater monitoring for chloride in monitoring wells MW-2, MW-3, MW-7, MW-9, MW-10, and MW-12.
- Discontinue groundwater monitoring for BTEX in MW-12.

5. 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.

Table 1

Summary of Soil Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540

Sample Location	Date	Sample Depth (ft)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Total Petroleum Hydrocarbons (TPH)			Chlorides
								TPH GRO	TPH DRO	TPH GRO/DRO	
NMAC Soil Closure Criteria			10	ne			50			100	600
1A	2/26/2009*	N/A	--	--	--	--	--	<10.0	<10.0	<10.0	256
1B	2/26/2009*	N/A	--	--	--	--	--	<10.0	<10.0	<10.0	16
2A	2/26/2009*	N/A	--	--	--	--	--	<10.0	<10.0	<10.0	2,120
2B	2/26/2009*	N/A	--	--	--	--	--	<10.0	<10.0	<10.0	208
3A	2/26/2009*	N/A	--	--	--	--	--	<10.0	51	51	32
3B	2/26/2009*	N/A	--	--	--	--	--	<10.0	11	11	64
4A	2/26/2009*	N/A	--	--	--	--	--	<10.0	<10.0	<10.0	32
4B	2/26/2009*	N/A	--	--	--	--	--	<10.0	<10.0	<10.0	<16.0
5A	2/26/2009*	N/A	--	--	--	--	--	<50.0	11,000	11,000	672
5B	2/26/2009*	N/A	<0.050	<0.050	<0.050	<0.300	<0.300	<10.0	<10.0	<10.0	336
Chlorides Soil Pile	3/13/2009*	N/A	--	--	--	--	--	--	--	--	<16.0
Soil Pile #1 South	3/17/2009*	N/A	--	--	--	--	--	<10.0	2,140	2,140	--
Soil Pile #2 North	3/17/2009*	N/A	--	--	--	--	--	215	1,490	1,705	--
Bottom Start	3/17/2009*	N/A	--	--	--	--	--	3,900	12,100	16,000	--
RP	3/17/2009*	13	--	--	--	--	--	3,970	9,360	13,330	--
RP	3/17/2009*	16	--	--	--	--	--	2,270	6,500	8,770	--
RP	3/17/2009*	18	--	--	--	--	--	3,290	7,670	10,960	--
#1 Sample	3/18/2009*	N/A	<0.050	<0.050	<0.050	<0.300	<0.300	<10.0	25	25	144
#1 Sample West Bank	3/18/2009*	N/A	<0.050	<0.050	<0.050	<0.300	<0.300	<10.0	25	25	176
Bottom Hole	3/19/2009*	28	1.52	14.40	15.80	45.50	77.22	1,790	4,460	6,250	--
Bottom Hole	3/19/2009*	28	--	--	--	--	--	4.78***	3.19***	--	--
Bottom Hole	3/24/2009*	37	--	--	--	--	--	1,670	4,450	6,120	--
Bottom Hole	3/24/2009*	39	1.04	23.20	23.30	65.80	113.34	1,790	3,840	5,630	--
Bottom Hole	3/24/2009*	39	--	--	--	--	--	3.96***	3.98***	--	--
Bottom	3/31/2009*	N/A	0.962	9.56	16.00	45.60	72.12	1,790	3,450	5,240	--
West Bank N	3/31/2009*	N/A	0.585	9.98	14.00	43.00	67.57	1,920	2,980	4,900	--
West Bank S	3/31/2009*	N/A	0.250	0.07	6.74	13.20	20.26	762	2,110	2,872	--
East Bank S	3/31/2009*	N/A	39.60	<0.050	<0.050	<0.300	39.6	1,790	3,450	5,240	--
North Bank	3/31/2009*	N/A	0.421	10.60	16.40	49.90	77.32	1,680	4,250	5,930	--
Bottom Hole #4	7/9/2010*	40	0.453	5.95	5.22	17.60	29.22	1,680	4,250	5,930	--
Last Sample	7/10/2009*	44	0.814	9.76	7.52	28.50	46.59	1,620	3,480	5,100	--
MW-1 (SB-1)	10/10/2012*	1	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	<52.3	<52.3	<52.3	3.02
MW-1 (SB-1)	10/10/2012*	10	<0.00113	<0.00227	<0.00113	<0.00227	<0.00227	<56.6	<56.6	<56.6	1.66
MW-1 (SB-1)	10/10/2012*	20	<0.00111	<0.00222	<0.00111	<0.00222	<0.00222	<55.5	<55.5	<55.5	6.48
MW-1 (SB-1)	10/10/2012*	30	<0.00105	<0.00209	<0.00105	<0.00209	<0.00209	<52.3	<52.3	<52.3	19.7
MW-1 (SB-1)	10/10/2012*	40	<0.00107	<0.00214	<0.00107	<0.00214	<0.00214	<53.5	<53.5	<53.5	26.4
MW-1 (SB-1)	10/10/2012*	50	<0.00107	<0.00213	<0.00107	<0.00213	<0.00213	<53.6	<53.6	<53.6	12.2
MW-1 (SB-1)	10/10/2012*	60	<0.00108	<0.00216	<0.00108	<0.00216	<0.00216	<54.2	<54.2	<54.2	62.5
MW-2 (SB-4)	10/10/2012*	1	<0.00107	<0.00214	<0.00107	<0.00214	<0.00214	<53.8	<53.8	<53.8	4.37
MW-2 (SB-4)	10/10/2012*	10	<0.00108	<0.00217	<0.00108	<0.00217	<0.00217	<54.4	<54.4	<54.4	<1.15
MW-2 (SB-4)	10/10/2012*	20	<0.00108	<0.00215	<0.00108	<0.00215	<0.00215	<53.9	<53.9	<53.9	<1.08
MW-2 (SB-4)	10/10/2012*	30	<0.00105	<0.00211	<0.00105	<0.00211	<0.00211	<53.0	<53.0	<53.0	1.04
MW-2 (SB-4)	10/10/2012*	40	<0.00106	<0.00212	<0.00106	<0.00212	<0.00212	<52.7	<52.7	<52.7	<1.12
MW-2 (SB-4)	10/10/2012*	48	<0.00107	<0.00215	<0.00107	<0.00215	<0.00215	<53.8	<53.8	<53.8	<1.19
MW-2 (SB-4)	10/10/2012*	55	<0.00112	<0.00224	<0.00112	<0.00224	<0.00224	<56.1	<56.1	<56.1	10.8
MW-3 (SB-5)	10/10/2012*	1	<0.00108	<0.00217	<0.00108	<0.00217	<0.00217	<54.2	<54.2	<54.2	<1.09
MW-3 (SB-5)	10/10/2012*	10	<0.00107	<0.00213	<0.00107	<0.00213	<0.00213	<53.3	<53.3	<53.3	<1.03
MW-3 (SB-5)	10/10/2012*	20	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<55.2	<55.2	<55.2	<1.09
MW-3 (SB-5)	10/10/2012*	30	<0.00994	<0.00199	<0.00994	<0.00199	<0.00199	<52.1	<52.1	<52.1	<1.01
MW-3 (SB-5)	10/10/2012*	40	<0.00996	<0.00199	<0.00996	<0.00199	<0.00199	<53.0	<53.0	<53.0	<1.05
MW-3 (SB-5)	10/10/2012*	50	<0.00994	<0.00199	<0.00994	<0.00199	<0.00199	<54.0	<54.0	<54.0	1.42
MW-3 (SB-5)	10/10/2012*	60	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<56.6	<56.6	<56.6	3.5
MW-4	8/29/2013*	5	--	--	--	--	--	<15.8	<15.8	<15.8	234
MW-4	8/29/2013*	20	--	--	--	--	--	<16.4	<16.4	<16.4	175
MW-4	8/29/2013*	35	--	--	--	--	--	<16.1	<16.1	<16.1	149
MW-4	8/29/2013*	50	<0.00107	<0.00213	<0.00107	<0.00213	<0.00213	<16.0	<16.0	<16.0	17.2
MW-5	8/29/2013*	5	--	--	--	--	--	<15.6	<15.6	<15.6	10.3
MW-5	8/29/2013*	20	--	--	--	--	--	<16.6	<16.6	<16.6	11.6
MW-5	8/29/2013*	35	--	--	--	--	--	<15.9	<15.9	<15.9	4.62
MW-5	8/29/2013*	50	<0.00533	<0.0107	<0.00533	<0.0107	<0.0107	<15.9	<15.9	<15.9	4.5
MW-6	8/29/2013*	5	--	--	--	--	--	<15.4	<15.4	<15.4	4.56
MW-6	8/29/2013*	20	--	--	--	--	--	<16.7	<16.7	<16.7	9.20
MW-6	8/29/2013*	35	--	--	--	--	--	<15.8	<15.8	<15.8	9.74
MW-6	8/29/2013*	50	<0.00107	<0.00214	<0.00107	<0.00214	<0.00214	<16.0	<16.0	<16.0	9.5
MW-7	8/29/2013*	5	--	--	--	--	--	<15.7	<15.7	<15.7	34.7
MW-7	8/29/2013*	20	--	--	--	--	--	<16.7	<16.7	<16.7	44.4

Table 1

Summary of Soil Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540

Sample Location	Date	Sample Depth (ft)	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Total Petroleum Hydrocarbons (TPH)			Chlorides
								TPH GRO	TPH DRO	TPH GRO/DRO	
NMAC Soil Closure Criteria			10	ne			50			100	600
MW-7	8/29/2013*	35	--	--	--	--	--	<16.0	<16.0	<16.0	40.7
MW-7	8/29/2013*	50	<0.00105	<0.00211	<0.00105	<0.00211	<0.00211	<15.9	<15.9	<15.9	13.9
SB-2	10/10/2012*	1	<0.00996	<0.00199	<0.00996	<0.00199	<0.00199	<53.2	<53.2	<53.2	21.6
SB-2	10/10/2012*	5	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<54.1	<54.1	<54.1	1.38
SB-2	10/10/2012*	10	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<52.8	<52.8	<52.8	119
SB-2	10/10/2012*	15	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<55.3	<55.3	<55.3	17.8
SB-2	10/10/2012*	20	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<54.9	<54.9	<54.9	11.4
SB-3	10/10/2012*	1	<0.00994	<0.00199	<0.00994	<0.00199	<0.00199	<54.1	<54.1	<54.1	<1.00
SB-3	10/10/2012*	5	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<51.2	<51.2	<51.2	13.3
SB-3	10/10/2012*	10	<0.00996	<0.00199	<0.00996	<0.00199	<0.00199	<53.6	<53.6	<53.6	<1.20
SB-3	10/10/2012*	15	<0.00100	<0.00201	<0.00100	<0.00201	<0.00201	<54.7	<54.7	<54.7	<1.12
SB-3	10/10/2012*	20	<0.00100	<0.00200	<0.00100	<0.00200	<0.00200	<52.7	<52.7	<52.7	<1.16
MW-10	12/14/2015	40	<0.04800	<0.04800	<0.04800	<0.09600	<0.2400	<4.8	--	<4.8	3.0
MW-10	12/14/2015	50	<0.04800	<0.04800	<0.04800	<0.09700	<0.2500	<4.8	--	<4.8	4.7
MW-11	12/14/2015	40	<0.04800	<0.04800	<0.04800	<0.09500	<0.02300	<4.8	--	<4.8	9.0
MW-11	12/14/2015	50	<0.04700	<0.04700	<0.04700	<0.09400	<0.01900	<4.7	--	<4.7	6.1
MW-12	7/30/2024	5	<0.0068	<0.0068	<0.0068	<0.020	<0.020	--	--	--	<6.64
MW-12	7/30/2024	10	<0.0051	<0.0051	<0.0051	<0.015	<0.015	--	--	--	<5.08
MW-12	7/30/2024	15	<0.0053	<0.0053	<0.0053	<0.016	<0.016	--	--	--	<5.27
MW-12	7/30/2024	20	<0.0069	<0.0069	<0.0069	<0.021	<0.021	--	--	--	14.0
MW-12	7/30/2024	25	<0.0053	<0.0053	<0.0053	<0.016	<0.016	--	--	--	5.55
MW-12	7/30/2024	30	<0.0053	<0.0053	<0.0053	<0.016	<0.016	--	--	--	<5.15
MW-12	7/30/2024	35	<0.0053	<0.0053	<0.0053	<0.016	<0.016	--	--	--	7.5
MW-12	7/30/2024	40	<0.0052	<0.0052	<0.0052	<0.016	<0.016	--	--	--	11.6
MW-12	7/30/2024	45	<0.0053	<0.0053	<0.0053	<0.016	<0.016	--	--	--	26.3
MW-12	7/30/2024	50	<0.0053	<0.0053	<0.0053	<0.016	<0.016	--	--	--	33.4
MW-12	7/30/2024	55	<0.0063	<0.0063	<0.0063	<0.019	<0.019	--	--	--	113
MW-12	7/30/2024	60	<0.0060	<0.0060	<0.0060	<0.018	<0.018	--	--	--	421
MW-12	7/30/2024	65	<0.0054	<0.0054	<0.0054	<0.016	<0.016	--	--	--	728

Notes:

Concentrations reported in mg/kg = milligrams per kilogram except TCLP which is presented in mg/L = milligrams per liter

* Samples taken by Basin Environmental Services, LLC

** Sample locations not provided by Basin Environmental Services, LLC

*** Indicates Toxicity Characteristic Leaching Procedure (TCLP) Analysis

NA = Not Available; 'NE' = Not Established; '--' = Not Analyzed

Concentrations that are **bolded** and highlighted exceed the NMOCD Remediation Action Level

Table 2

**Summary of Groundwater Elevation Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Well Number	Date Measured	Top of Casing (TOC) Elevation	Total Depth (ft below TOC)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft AMSL)
MW-1	2/7/2013	3,413.64	74.28	--	59.82	--	3,353.82
MW-1	5/10/2013	3,413.64	74.28	--	59.36	--	3,354.28
MW-1	9/3/2013	3,413.64	74.28	--	59.91	--	3,353.73
MW-1	7/30/2014	3,413.64	74.28	--	59.19	--	3,354.45
MW-1	10/31/2014	3,413.64	74.28	--	59.13	--	3,354.51
MW-1	1/21/2015	3,413.64	74.28	--	58.99	--	3,354.65
MW-1	4/21/2015	3,413.64	74.28	--	58.96	--	3,354.68
MW-1	12/21/2015	3,413.64	74.28	--	59.04	--	3,354.60
MW-1	6/1/2016	3,413.64	74.28	--	58.95	--	3,354.69
MW-1	12/8/2016	3,413.64	74.28	--	58.93	--	3,354.71
MW-1	5/9/2017	3,413.64	74.28	--	58.85	--	3,354.79
MW-1	11/15/2017	3,413.64	74.28	--	58.95	--	3,354.69
MW-1	5/10/2018	3,413.64	74.28	--	58.95	--	3,354.69
MW-1	5/17/2018	3,413.64	74.28	--	59.00	--	3,354.64
MW-1	11/12/2018	3,413.64	74.28	--	58.76	--	3,354.88
MW-1	5/14/2019	3,413.64	74.28	--	59.22	--	3,354.42
MW-1	11/12/2019	3,413.64	74.28	Electronic Field Data Lost			
MW-1	1/16/2020	3,413.64	74.28	--	59.43	--	3,354.21
MW-1	3/23/2020	3,413.64	74.28	--	59.41	--	3,354.23
MW-1	9/23/2020	3,413.64	74.28	--	59.51	--	3,354.13
MW-1	3/30/2021	3,413.64	74.28	--	59.62	--	3,354.02
MW-1	10/7/2021	3,413.64	74.28	--	59.76	--	3,353.88
MW-1	4/13/2022	3,413.64	74.28	--	59.82	--	3,353.82
MW-1	11/8/2022	3,413.64	74.28	--	59.85	--	3,353.79
MW-1	4/27/2023	3,413.64	69.80	--	59.82	--	3,353.82
MW-1	10/17/2023	3413.64	74.15	--	59.41	--	3354.23
MW-1	6/11/2024	3413.64	73.77	--	59.76	--	3353.88
MW-1	11/11/2024	3413.64	74.04	--	60.27	--	3353.37
MW-2	2/7/2013	3,412.88	74.18	--	59.10	--	3,353.78
MW-2	5/10/2013	3,412.88	74.18	--	58.20	--	3,354.68
MW-2	9/3/2013	3,412.88	74.18	--	58.21	--	3,354.67
MW-2	7/30/2014	3,412.88	74.18	--	58.02	--	3,354.86
MW-2	10/31/2014	3,412.88	74.18	--	57.91	--	3,354.97
MW-2	1/21/2015	3,412.88	74.18	--	57.75	--	3,355.13
MW-2	4/21/2015	3,412.88	74.18	--	57.76	--	3,355.12
MW-2	12/21/2015	3,412.88	74.18	--	57.84	--	3,355.04
MW-2	6/1/2016	3,412.88	74.18	--	57.79	--	3,355.09
MW-2	12/8/2016	3,412.88	74.18	--	57.78	--	3,355.10
MW-2	5/9/2017	3,412.88	74.18	--	57.71	--	3,355.17
MW-2	11/15/2017	3,412.88	74.18	--	57.75	--	3,355.13
MW-2	5/10/2018	3,412.88	74.18	--	57.75	--	3,355.13
MW-2	5/17/2018	3,412.88	74.18	--	57.77	--	3,355.11
MW-2	11/12/2018	3,412.88	74.18	--	57.97	--	3,354.91
MW-2	5/14/2019	3,412.88	74.18	--	57.97	--	3,354.91
MW-2	11/12/2019	3,412.88	74.18	Electronic Field Data Lost			
MW-2	1/16/2020	3,412.88	74.18	--	58.20	--	3,354.68
MW-2	3/23/2020	3,412.88	74.18	--	58.19	--	3,354.69
MW-2	9/23/2020	3,412.88	74.18	--	58.34	--	3,354.54
MW-2	3/30/2021	3,412.88	74.18	--	58.43	--	3,354.45

GHD 12660611 (1)

Table 2

**Summary of Groundwater Elevation Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Well Number	Date Measured	Top of Casing (TOC) Elevation	Total Depth (ft below TOC)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft AMSL)
MW-2	10/7/2021	3,412.88	74.18	--	59.25	--	3,353.63
MW-2	4/13/2022	3,412.88	74.18	--	69.65	--	3,343.23
MW-2	11/8/2022	3,412.88	74.18	--	58.78	--	3,354.10
MW-2	4/27/2023	3,412.88	74.29	--	58.78	--	3,354.10
MW-2	10/17/2023	3412.88	74.05	--	58.80	--	3354.08
MW-2	6/11/2024	3412.88	73.90	--	58.80	--	3354.08
MW-2	11/11/2024	3412.88	74.06	--	59.90	--	3352.98
MW-3	2/7/2013	3,412.96	74.04	--	58.49	--	3,354.47
MW-3	5/10/2013	3,412.96	74.04	--	58.35	--	3,354.61
MW-3	9/3/2013	3,412.96	74.04	--	58.32	--	3,354.64
MW-3	7/30/2014	3,412.96	74.04	--	58.26	--	3,354.70
MW-3	10/31/2014	3,412.96	74.04	--	58.19	--	3,354.77
MW-3	1/21/2015	3,412.96	74.04	--	58.01	--	3,354.95
MW-3	4/21/2015	3,412.96	74.04	--	58.96	--	3,354.00
MW-3	12/21/2015	3,412.96	74.04	--	58.04	--	3,354.92
MW-3	6/1/2016	3,412.96	74.04	--	57.93	--	3,355.03
MW-3	12/8/2016	3,412.96	74.04	--	58.94	--	3,354.02
MW-3	5/9/2017	3,412.96	74.04	--	57.82	--	3,355.14
MW-3	11/15/2017	3,412.96	74.04	--	57.88	--	3,355.08
MW-3	5/10/2018	3,412.96	74.04	--	58.82	--	3,354.14
MW-3	5/17/2019	3,412.96	74.04	--	58.80	--	3,354.16
MW-3	11/12/2018	3,412.96	74.04	--	58.87	--	3,354.09
MW-3	5/14/2019	3,412.96	74.04	--	58.07	--	3,354.89
MW-3	11/12/2019	3,412.96	74.04	Electronic Field Data Lost			
MW-3	1/16/2020	3,412.96	74.04	--	58.28	--	3,354.68
MW-3	3/23/2020	3,412.96	74.04	--	58.29	--	3,354.67
MW-3	9/23/2020	3,412.96	74.04	--	58.43	--	3,354.53
MW-3	3/30/2021	3,412.96	74.04	--	58.52	--	3,354.44
MW-3	10/7/2021	3,412.96	74.04	--	58.73	--	3,354.23
MW-3	4/13/2022	3,412.96	74.04	--	58.74	--	3,354.22
MW-3	11/8/2022	3,412.96	74.04	--	58.83	--	3,354.13
MW-3	4/27/2023	3,412.96	74.31	--	58.84	--	3,354.12
MW-3	10/17/2023	3412.96	75.50	--	58.83	--	3354.13
MW-3	6/11/2024	3412.96	74.53	--	58.87	--	3354.09
MW-3	11/11/2024	3412.96	74.20	--	58.93	--	3354.03
MW-4	9/3/2013	3,413.15	72.65	--	59.18	--	3,353.97
MW-4	7/30/2014	3,413.15	72.65	--	58.62	--	3,354.53
MW-4	10/31/2014	3,413.15	72.65	--	58.47	--	3,354.68
MW-4	1/21/2015	3,413.15	72.65	--	58.33	--	3,354.82
MW-4	4/21/2015	3,413.15	72.65	--	58.31	--	3,354.84
MW-4	12/21/2015	3,413.15	72.65	--	58.36	--	3,354.79
MW-4	6/1/2016	3,413.15	72.65	--	58.32	--	3,354.83
MW-4	12/8/2016	3,413.15	72.65	--	58.31	--	3,354.84
MW-4	5/9/2017	3,413.15	72.65	--	58.25	--	3,354.90
MW-4	11/15/2017	3,413.15	72.65	--	58.34	--	3,354.81
MW-4	5/10/2018	3,413.15	72.65	--	58.38	--	3,354.77
MW-4	5/17/2018	3,413.15	72.65	--	58.40	--	3,354.75
MW-4	11/12/2018	3,413.15	72.65	--	58.51	--	3,354.64
MW-4	5/14/2019	3,413.15	72.65	--	58.60	--	3,354.55

GHD 12660611 (1)

Table 2

**Summary of Groundwater Elevation Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Well Number	Date Measured	Top of Casing (TOC) Elevation	Total Depth (ft below TOC)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft AMSL)
MW-4	11/12/2019	3,413.15	72.65	Electronic Field Data Lost			
MW-4	1/16/2020	3,413.15	72.65	--	58.82	--	3,354.33
MW-4	3/23/2020	3,413.15	72.65	--	58.81	--	3,354.34
MW-4	9/23/2020	3,413.15	72.65	--	58.95	--	3,354.20
MW-4	3/30/2021	3,413.15	72.65	--	65.04	--	3,348.11
MW-4	10/7/2021	3,413.15	72.65	--	58.61	--	3,354.54
MW-4	4/13/2022	3,413.15	72.65	--	59.24	--	3,353.91
MW-4	11/8/2022	3,413.15	72.65	--	59.26	--	3,353.89
MW-4	4/27/2023	3,413.15	72.57	--	59.29	--	3,353.86
MW-4	10/17/2023	3413.15	72.40	--	59.26	--	3353.89
MW-4	6/11/2024	3413.15	72.69	--	59.28	--	3353.87
MW-4	11/11/2024	3413.15	72.20	--	59.33	--	3353.82
MW-5	9/3/2013	3,413.53	73.32	--	59.23	--	3,354.30
MW-5	7/30/2014	3,413.53	73.32	--	59.14	--	3,354.39
MW-5	10/31/2014	3,413.53	73.32	--	59.12	--	3,354.41
MW-5	1/21/2015	3,413.53	73.32	--	58.93	--	3,354.60
MW-5	4/21/2015	3,413.53	73.32	--	58.97	--	3,354.56
MW-5	6/1/2016	3,413.53	73.32	--	58.90	--	3,354.63
MW-5	12/8/2016	3,413.53	73.32	--	58.87	--	3,354.66
MW-5	5/9/2017	3,413.53	73.32	--	58.82	--	3,354.71
MW-5	11/15/2017	3,413.53	73.32	--	58.90	--	3,354.63
MW-5	5/10/2018	3,413.53	73.32	--	58.92	--	3,354.61
MW-5	5/17/2018	3,413.53	73.32	--	58.92	--	3,354.61
MW-5	11/12/2018	3,413.53	73.32	--	58.92	--	3,354.61
MW-5	5/14/2019	3,413.53	73.32	--	59.23	--	3,354.30
MW-5	11/12/2019	3,413.53	73.32	Electronic Field Data Lost			
MW-5	1/16/2020	3,413.53	73.32	--	59.40	--	3,354.13
MW-5	3/23/2020	3,413.53	73.32	--	59.40	--	3,354.13
MW-5	9/23/2020	3,413.53	73.32	--	59.63	--	3,353.90
MW-5	3/30/2021	3,413.53	73.32	--	59.62	--	3,353.91
MW-5	10/7/2021	3,413.53	73.32	--	59.73	--	3,353.80
MW-5	4/13/2022	3,413.53	73.32	--	59.79	--	3,353.74
MW-5	11/8/2022	3,413.53	73.32	--	59.78	--	3,353.75
MW-5	4/27/2023	3,413.53	73.64	--	59.79	--	3,353.74
MW-5	10/17/2023	3413.53	73.03	--	59.74	--	3353.79
MW-5	6/11/2024	3413.53	68.61	--	59.69	--	3353.84
MW-5	11/11/2024	3413.53	73.13	--	59.74	--	3353.79
MW-6	9/3/2013*	3,413.30	69.21	--	59.10	--	3,354.20
MW-6	7/30/2014	3,413.30	69.21	--	59.03	--	3,354.27
MW-6	10/31/2014	3,413.30	69.21	--	59.06	--	3,354.24
MW-6	1/21/2015	3,413.30	69.21	--	58.94	--	3,354.36
MW-6	4/21/2015	3,413.30	69.21	--	58.95	--	3,354.35
MW-6	12/21/2015	3,413.30	69.21	--	58.89	--	3,354.41
MW-6	6/1/2016	3,413.30	69.21	--	58.81	--	3,354.49
MW-6	12/8/2016	3,413.30	69.21	--	58.80	--	3,354.50
MW-6	5/9/2017	3,413.30	69.21	--	58.74	--	3,354.56
MW-6	11/15/2017	3,413.30	69.21	--	58.80	--	3,354.50
MW-6	5/10/2018	3,413.30	69.21	--	58.82	--	3,354.48
MW-6	5/17/2018	3,413.30	69.21	--	58.80	--	3,354.50

GHD 12660611 (1)

Table 2

**Summary of Groundwater Elevation Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Well Number	Date Measured	Top of Casing (TOC) Elevation	Total Depth (ft below TOC)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft AMSL)
MW-6	11/12/2018	3,413.30	69.21	--	58.82	--	3,354.48
MW-6	5/14/2019	3,413.30	69.21	--	59.14	--	3,354.16
MW-6	11/12/2019	3,413.30	69.21	Electronic Field Data Lost			
MW-6	1/16/2020	3,413.30	69.21	--	59.30	--	3,354.00
MW-6	3/23/2020	3,413.30	69.21	--	59.28	--	3,354.02
MW-6	9/23/2020	3,413.30	69.21	--	59.40	--	3,353.90
MW-6	3/30/2021	3,413.30	69.21	--	59.55	--	3,353.75
MW-6	10/7/2021	3,413.30	69.21	--	58.64	--	3,354.66
MW-6	4/13/2022	3,413.30	69.21	--	59.66	--	3,353.64
MW-6	11/8/2022	3,413.30	69.21	--	59.64	--	3,353.66
MW-6	4/27/2023	3,413.30	66.75	--	59.64	--	3,353.66
MW-6	10/17/2023	3413.3	68.63	--	59.55	--	3353.75
MW-6	6/11/2024	3413.3	71.09	--	59.50	--	3353.80
MW-6	11/11/2024	3413.3	68.72	--	60.53	--	3352.77
MW-7	9/3/2013	3,413.01	72.14	--	58.62	--	3,354.39
MW-7	7/30/2014	3,413.01	72.14	--	58.53	--	3,354.48
MW-7	10/31/2014	3,413.01	72.14	--	58.57	--	3,354.44
MW-7	1/21/2015	3,413.01	72.14	--	58.44	--	3,354.57
MW-7	4/21/2015	3,413.01	72.14	--	58.35	--	3,354.66
MW-7	12/21/2015	3,413.01	72.14	--	58.36	--	3,354.65
MW-7	6/1/2016	3,413.01	72.14	--	58.27	--	3,354.74
MW-7	12/8/2016	3,413.01	72.14	--	58.27	--	3,354.74
MW-7	5/9/2017	3,413.01	72.14	--	58.16	--	3,354.85
MW-7	11/15/2017	3,413.01	72.14	--	58.23	--	3,354.78
MW-7	5/10/2018	3,413.01	72.14	--	58.22	--	3,354.79
MW-7	5/17/2018	3,413.01	72.14	--	58.12	--	3,354.89
MW-7	11/12/2018	3,413.01	72.14	--	58.12	--	3,354.89
MW-7	5/14/2019	3,413.01	72.14	--	58.49	--	3,354.52
MW-7	11/12/2019	3,413.01	72.14	Electronic Field Data Lost			
MW-7	1/16/2020	3,413.01	72.14	--	58.69	--	3,354.32
MW-7	3/23/2020	3,413.01	72.14	--	58.66	--	3,354.35
MW-7	9/23/2020	3,413.01	72.14	--	58.79	--	3,354.22
MW-7	3/30/2021	3,413.01	72.14	--	58.88	--	3,354.13
MW-7	10/7/2021	3,413.01	72.14	--	59.02	--	3,353.99
MW-7	4/13/2022	3,413.01	72.14	--	59.07	--	3,353.94
MW-7	11/8/2022	3,413.01	72.14	--	59.10	--	3,353.91
MW-7	4/27/2023	3,413.01	71.25	--	59.11	--	3,353.90
MW-7	10/17/2023	3413.01	71.13	--	59.06	--	3353.95
MW-7	6/11/2024	3413.01	68.61	--	59.06	--	3353.95
MW-7	11/11/2024	3413.01	69.90	--	58.45	--	3354.56
MW-8	1/21/2015	3,412.02	71.66	--	57.84	--	3,354.18
MW-8	4/21/2015	3,412.02	71.66	--	57.75	--	3,354.27
MW-8	12/21/2015	3,412.02	71.66	--	57.75	--	3,354.27
MW-8	6/1/2016	3,412.02	71.66	--	57.65	--	3,354.37
MW-8	12/8/2016	3,412.02	71.66	--	57.62	--	3,354.40
MW-8	5/9/2017	3,412.02	71.66	--	57.65	--	3,354.37
MW-8	11/15/2017	3,412.02	71.66	--	57.60	--	3,354.42
MW-8	5/10/2018	3,412.02	71.66	--	57.70	--	3,354.32
MW-8	5/17/2018	3,412.02	71.66	--	57.73	--	3,354.29

GHD 12660611 (1)

Table 2

**Summary of Groundwater Elevation Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Well Number	Date Measured	Top of Casing (TOC) Elevation	Total Depth (ft below TOC)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft AMSL)
MW-8	11/12/2018	3,412.02	71.66	--	57.63	--	3,354.39
MW-8	5/14/2019	3,412.02	71.66	--	57.98	--	3,354.04
MW-8	11/12/2019	3,412.02	71.66	Electronic Field Data Lost			
MW-8	1/16/2020	3,412.02	71.66	--	58.41	--	3,353.61
MW-8	3/23/2020	3,412.02	71.66	--	58.33	--	3,353.69
MW-8	9/23/2020	3,412.02	71.66	--	58.45	--	3,353.57
MW-8	3/30/2021	3,412.02	71.66	--	58.58	--	3,353.44
MW-8	10/7/2021	3,412.02	71.66	--	58.47	--	3,353.55
MW-8	4/13/2022	3,412.02	71.66	--	58.47	--	3,353.55
MW-8	11/8/2022	3,412.02	71.66	--	58.41	--	3,353.61
MW-8	4/27/2023	3,412.02	69.62	--	58.40	--	3353.62
MW-8	10/17/2023	3412.02	69.54	--	58.32	--	3353.70
MW-8	6/11/2024	3412.02	69.80	--	58.22	--	3353.80
MW-8	11/11/2024	3412.02	70.14	--	58.22	--	3353.80
MW-9	1/21/2015	3,412.38	71.34	--	58.21	--	3,354.17
MW-9	4/21/2015	3,412.38	71.34	--	58.10	--	3,354.28
MW-9	12/21/2015	3,412.38	71.34	--	58.10	--	3,354.28
MW-9	6/1/2016	3,412.38	71.34	--	58.02	--	3,354.36
MW-9	12/8/2016	3,412.38	71.34	--	58.00	--	3,354.38
MW-9	5/9/2017	3,412.38	71.34	--	58.00	--	3,354.38
MW-9	11/15/2017	3,412.38	71.34	--	58.08	--	3,354.30
MW-9	5/10/2018	3,412.38	71.34	--	58.10	--	3,354.28
MW-9	5/17/2018	3,412.38	71.34	--	58.10	--	3,354.28
MW-9	11/12/2018	3,412.38	71.34	--	58.05	--	3,354.33
MW-9	5/14/2019	3,412.38	71.34	--	58.45	--	3,353.93
MW-9	11/12/2019	3,412.38	71.34	Electronic Field Data Lost			
MW-9	1/16/2020	3,412.38	71.34	--	58.64	--	3,353.74
MW-9	3/23/2020	3,412.38	71.34	--	58.66	--	3,353.72
MW-9	9/23/2020	3,412.38	71.34	--	58.50	--	3,353.88
MW-9	3/30/2021	3,412.38	71.34	--	58.90	--	3,353.48
MW-9	10/7/2021	3,412.38	71.34	--	58.95	--	3,353.43
MW-9	4/13/2022	3,412.38	71.34	--	58.90	--	3,353.48
MW-9	11/8/2022	3,412.38	71.34	--	59.02	--	3,353.36
MW-9	4/27/2023	3,412.38	69.25	--	58.82	--	3,353.56
MW-9	10/17/2023	3412.38	69.15	--	58.74	--	3353.64
MW-9	6/11/2024	3412.38	69.18	--	58.36	--	3354.02
MW-9	11/11/2024	3412.38	69.65	--	58.52	--	3353.86
MW-10	12/21/2015	3,411.86	70.32	--	57.24	--	3,354.62
MW-10	6/1/2016	3,411.86	70.32	--	57.15	--	3,354.71
MW-10	12/8/2016	3,411.86	70.32	--	57.10	--	3,354.76
MW-10	5/9/2017	3,411.86	70.32	--	57.01	--	3,354.85
MW-10	11/15/2017	3,411.86	70.32	--	57.03	--	3,354.83
MW-10	5/10/2018	3,411.86	70.32	--	57.06	--	3,354.80
MW-10	5/17/2018	3,411.86	70.32	--	57.09	--	3,354.77
MW-10	11/12/2018	3,411.86	70.32	--	57.00	--	3,354.86
MW-10	5/14/2019	3,411.86	70.32	--	57.32	--	3,354.54
MW-10	11/12/2019	3,411.86	70.32	Electronic Field Data Lost			
MW-10	1/16/2020	3,411.86	70.32	--	57.53	--	3,354.33
MW-10	3/23/2020	3,411.86	70.32	--	57.49	--	3,354.37

GHD 12660611 (1)

Table 2

**Summary of Groundwater Elevation Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Well Number	Date Measured	Top of Casing (TOC) Elevation	Total Depth (ft below TOC)	Depth to LNAPL (ft below TOC)	Depth to Water (ft below TOC)	LNAPL Thickness (ft)	Groundwater Elevation (ft AMSL)
MW-10	9/23/2020	3,411.86	70.32	--	57.70	--	3,354.16
MW-10	3/30/2021	3,411.86	70.32	--	57.71	--	3,354.15
MW-10	10/7/2021	3,411.86	70.32	--	57.85	--	3,354.01
MW-10	4/3/2022	3,411.86	70.32	--	57.90	--	3,353.96
MW-10	11/8/2022	3,411.86	70.32	--	58.07	--	3,353.79
MW-10	4/27/2023	3,411.86	70.13	--	57.88	--	3353.98
MW-10	10/17/2023	3411.86	70.02	--	57.86	--	3354.00
MW-10	6/11/2024	3411.86	69.98	--	57.83	--	3354.03
MW-10	11/11/2024	3411.86	71.08	--	59.07	--	3352.79
MW-11	12/21/2015	3,412.14	70.32	--	58.01	--	3,354.13
MW-11	6/1/2016	3,412.14	70.32	--	57.92	--	3,354.22
MW-11	12/8/2016	3,412.14	70.32	--	57.92	--	3,354.22
MW-11	5/9/2017	3,412.14	70.32	--	57.86	--	3,354.28
MW-11	11/15/2017	3,412.14	70.32	--	57.98	--	3,354.16
MW-11	5/10/2018	3,412.14	70.32	--	58.07	--	3,354.07
MW-11	5/17/2018	3,412.14	70.32	--	57.06	--	3,355.08
MW-11	11/12/2018	3,412.14	70.32	--	58.03	--	3,354.11
MW-11	5/14/2019	3,412.14	70.32	--	58.43	--	3353.71
MW-11	11/12/2019	3,412.14	70.32	Electronic Field Data Lost			
MW-11	1/16/2020	3,412.14	70.32	--	58.56	--	3,353.58
MW-11	3/23/2020	3,412.14	70.32	--	58.50	--	3,353.64
MW-11	9/23/2020	3,412.14	70.32	--	58.65	--	3,353.49
MW-11	3/30/2021	3,412.14	70.32	--	58.80	--	3,353.34
MW-11	10/7/2021	3,412.14	70.32	--	58.87	--	3,353.27
MW-11	4/13/2022	3,412.14	70.32	--	58.82	--	3,353.32
MW-11	11/8/2022	3,412.14	70.32	--	58.69	--	3,353.45
MW-11	4/27/2023	3,412.14	70.20	--	58.68	--	3,353.46
MW-11	10/17/2023	3,412.14	70.04	--	58.18	--	3,353.96
MW-11	6/11/2024	3,412.14	70.40	--	58.43	--	3,353.71
MW-11	11/11/2024	3,412.14	70.07	--	58.39	--	3,353.75
MW-12	7/31/2024	3412.60	68.60	--	58.15	--	3354.45
MW-12	11/11/2024	3412.60	69.32	--	58.23	--	3354.37

Notes:

- 1.) ft = feet
- 2.) LNAPL = Light non-aqueous phase liquid
- 3.) AMSL = Above mean sea level

Table 3

**Summary of Field Parameter Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Sample ID	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (uS/cm)
MW-1	7/30/2014	27.00	6.71	4.1	-128.5	4,435
MW-1	10/30/2014	No Parameters Collected				
MW-1	1/21/2015	8.20	7.76	28.9	-31.6	2,884
MW-1	4/21/2015	21.00	6.66	3.6	3.2	3,785
MW-1	12/21/2015	19.89	6.89	3.56	-90.7	3,846
MW-1	6/1/2016	20.4	6.76	1.71	-123.9	2,940
MW-1	12/9/2016	19.00	6.37	5.22	-113.7	2,559
MW-1	5/9/2017	19.39	6.93	2.05	-146.8	3,018
MW-1	11/15/2017	18.00	7.17	2.16	-45.3	4,070
MW-1	5/17/2018	18.87	6.73	--	-181	3,955
MW-1	11/12/2018	16.48	6.95	4.51	-119.9	4,801
MW-1	5/14/2019	17.39	6.3	4.25	-153.4	3,289
MW-1	11/12/2019	Electronic Field Data Lost				
MW-1	3/23/2020	19.59	6.64	2.6	-200	3,303
MW-1	9/23/2020	19.90	7.17	3.01	-72.9	1,875
MW-1	3/30/2021	20.53	7.02	1.24	-98	1,670
MW-1	10/7/2021	20.46	7.19	1.43	-119.7	1,190
MW-1	4/13/2022	20.30	6.98	1.11	21.5	1,803
MW-1	11/8/2022	20.23	6.91	1.56	75.5	1,733
MW-1	4/27/2023	19.95	5.98	1.12	--	1,597
MW-1	10/17/2023	20.53	6.94	2.75	--	1,438
MW-1	6/11/2024	22.36	7.17	3.75	-48.75	1,509
MW-1	11/12/2024	20.30	5.97	393.62	30.40	1,450
MW-2	7/31/2014	24.4	7.05	21.5	215	1,509
MW-2	10/30/2014	No Parameters Collected				
MW-2	1/21/2015	12.9	7.4	23.1	242.3	1,611
MW-2	4/21/2015	19.3	6.94	4.1	322.2	1,648
MW-2	12/21/2015	19.59	7.31	3.06	-41.4	1,956
MW-2	6/1/2016	20.1	6.93	1.93	37.4	1,650
MW-2	12/9/2016	18.61	6.97	1.76	-112.7	1,640
MW-2	5/9/2017	19.06	6.37	2.72	-58.5	1,676
MW-2	11/15/2017	17.54	7.39	2.99	107.6	1,978
MW-2	5/17/2018	18.51	6.97	--	-61.8	1,631
MW-2	11/12/2018	17.35	7.12	5.33	-103	1,709
MW-2	5/14/2019	17.6	6.66	4.97	-66.4	1,456
MW-2	11/12/2019	Electronic Field Data Lost				
MW-2	3/23/2020	19.6	6.82	3.23	9.0	1,778
MW-2	9/23/2020	20.5	7.25	2.31	38.4	1,401
MW-2	10/7/2021	20.71	7.32	1.71	20.83	912
MW-2	11/8/2022	21.34	7.54	269.67	262.39	1,612
MW-2	10/17/2023	20.10	7.25	3.50	--	1,719
MW-2	6/11/2024	25.93	7.24	2.58	76.58	1,810
MW-2	11/13/2024	19.50	7.25	420.82	5.90	790
MW-3	7/31/2014	21	7.13	16.1	571	1,173
MW-3	10/30/2014	No Parameters Collected				
MW-3	1/21/2015	9.7	7.71	52.3	408.7	1,425
MW-3	4/21/2015	18.7	7.12	38.1	256.1	1,353
MW-3	12/21/2015	19.7	7.36	3.11	-55.3	1,468
MW-3	11/15/2017	17.81	7.55	2.44	117.7	1,599

Table 3

**Summary of Field Parameter Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Sample ID	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (uS/cm)
MW-3	5/17/2018	No Parameters Collected				
MW-3	11/12/2018	15.65	7.34	4.88	-101.1	1,389
MW-3	11/12/2019	Electronic Field Data Lost				
MW-3	9/23/2020	21.81	7.35	2.76	136.8	1,259
MW-3	3/30/2021	20.17	7.24	1.08	247	1,137
MW-3	10/7/2021	20.61	7.38	1.97	133.3	861
MW-3	4/13/2022	19.5	7.26	2.28	188.5	1,332
MW-3	11/8/2022	19.99	7.27	7.04	256.3	1,861
MW-3	4/27/2023	21.60	7.19	4.14	--	1,554
MW-3	10/17/2023	19.67	7.23	6.86	--	1,735
MW-3	6/11/2024	23.35	7.11	3.66	0.76	1,890
MW-3	11/13/2024	19.40	7.45	419.23	22.70	2,150
MW-4	7/30/2014	23.60	6.97+C56:G60	34.6	568.3	1,239
MW-4	10/30/2014	No Parameters Collected				
MW-4	1/21/2015	15.00	7.31	26.6	525.3	1,393
MW-4	4/21/2015	19.50	6.97	18	463.2	1,420
MW-4	12/21/2015	19.71	7	3.01	-47.3	1,620
MW-4	11/15/2017	17.74	7.25	2.56	124.5	1,581
MW-4	5/17/2018	No Parameters Collected				
MW-4	11/12/2018	16.91	7.13	3.13	-84.1	1,358
MW-4	11/12/2019	Electronic Field Data Lost				
MW-4	9/23/2020	20.66	7.14	0.88	24.5	1,163
MW-4	10/7/2021	20.52	7.27	0.7	-10.5	795
MW-4	11/8/2022	20.31	7.02	1.7	225.6	1,398
MW-4	10/17/2023	22.00	7.00	2.50	--	1,358
MW-4	6/11/2024	22.04	7.25	2.47	78.38	1,323
MW-4	11/13/2024	19.50	7.34	414.3	20.60	1,510
MW-5	7/30/2014	22.7	6.86	10.1	55.7	1,213
MW-5	10/30/2014	No Parameters Collected				
MW-5	1/21/2015	15.40	7.31	22.8	510.3	1,188
MW-5	4/21/2015	19.90	6.79	6.3	283.2	1,323
MW-5	11/15/2017	17.86	7.11	1.29	-50.3	1,551
MW-5	5/17/2018	No Parameters Collected				
MW-5	11/12/2018	17.05	6.95	3.71	-110	1,318
MW-5	11/12/2019	Electronic Field Data Lost				
MW-5	9/23/2020	20.50	7.00	0.87	-111.7	1,145
MW-5	10/7/2021	20.49	7.18	1.06	-96.3	746
MW-5	11/8/2022	20.94	6.85	1.03	132.5	1,323
MW-5	10/17/2023	20.96	6.79	2.59	--	1,274
MW-5	6/11/2024	23.11	7.51	2.32	58.12	1,351
MW-5	11/13/2024	19.20	7.04	36.51	2.90	1,380
MW-6	7/30/2014	24.6	6.67	2.7	-145.4	4,320
MW-6	10/30/2014	No Parameters Collected				
MW-6	1/21/2015	7.3	8.11	50.3	108.9	3,479
MW-6	4/21/2015	20.8	6.6	2.3	-30.9	4,923
MW-6	12/21/2015	19.56	6.99	3.14	-106.2	6,450
MW-6	6/2/2016	20.0	6.39	1.25	-93.8	5,290
MW-6	12/9/2016	18.9	6.99	1.88	-170	4,387
MW-6	5/9/2017	19.08	7.92	4.5	-73.8	4,289

Table 3

**Summary of Field Parameter Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Sample ID	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (uS/cm)
MW-6	11/15/2017	17.72	7.38	1.01	-73.1	4,347
MW-6	5/17/2018	18.61	6.19	--	-145.2	3,401
MW-6	11/12/2018	16.55	6.92	3.03	-88.1	2,310
MW-6	5/14/2019	16.79	6.47	5.1	-117.7	1,760
MW-6	11/12/2019	Electronic Field Data Lost				
MW-6	3/23/2020	19.51	6.72	2.06	-77	2,117
MW-6	7/28/2020	21.7	7.71	4.23	-43.5	1,560
MW-6	9/23/2020	20.54	7.08	1.08	-62.7	1,758
MW-6	3/30/2021	20.08	7.04	1.12	-74.4	1,474
MW-6	10/7/2021	20.44	4.2	1.09	-96.5	968
MW-6	4/13/2022	19.5	7.1	1.52	80	1,448
MW-6	11/8/2022	20.72	7.44	1.43	177.9	1,660
MW-6	4/27/2023	36.42	7.58	5.19	--	1,551
MW-6	10/17/2023	23.37	7.24	3.90	--	1,290
MW-6	6/11/2024	24.81	6.92	2.53	10.97	1,412
MW-6	11/12/2024	19.90	6.92	404.7	-31.70	1,460
MW-7	7/30/2014	24.1	7.01	6.5	-106.7	1,412
MW-7	10/30/2014	No Parameters Collected				
MW-7	1/21/2015	7.2	7.91	43.8	110.7	2,717
MW-7	4/21/2015	21.1	6.95	10	269.6	1,938
MW-7	12/21/2015	19.61	7.07	2.57	-108.4	1,919
MW-7	6/2/2016	20.2	7.08	1.47	-115.7	1,580
MW-7	12/9/2016	19.02	7.17	3.11	74.8	1,499
MW-7	5/9/2017	19.27	6.91	2.24	-146.9	1,400
MW-7	11/15/2017	17.64	7.49	1.67	-29	1,759
MW-7	5/17/2018	18.51	7.12	--	-100.2	1,500
MW-7	11/12/2018	16.85	7.15	3.73	-70	1,568
MW-7	5/14/2019	18.06	6.54	2.98	-98.9	1,350
MW-7	11/12/2019	Electronic Field Data Lost				
MW-7	3/23/2020	19.52	6.85	2.41	-53.4	1,622
MW-7	9/23/2020	20.8	7.19	1.28	-36.9	1,395
MW-7	3/30/2021	20.24	7.15	1.67	-59	1,340
MW-7	10/7/2021	20.5	7.29	1.72	-81.9	1,012
MW-7	4/13/2022	19.59	7.17	2.67	64.6	1,591
MW-7	11/8/2022	20.48	6.95	1.86	141.25	2,042
MW-7	4/27/2023	20.66	6.98	2.17	--	1,974
MW-7	10/17/2023	21.97	7.15	1.93	--	2,109
MW-7	6/11/2024	22.74	6.91	1.97	18.11	2,301
MW-7	11/13/2024	20.10	6.95	1.80	-59.80	2,290
MW-8	1/21/2015	8.2	8.14	40.2	316.8	1,202
MW-8	4/21/2015	20.1	6.93	10.6	517.3	1,942
MW-8	12/21/2015	19.14	7.09	3.68	-55.7	2,144
MW-8	6/2/2016	19.8	7.08	1.43	129.5	1,820
MW-8	12/9/2016	18.54	7.22	8.28	463.9	1,889
MW-8	5/9/2017	18.65	6.92	6.38	335.3	1,938
MW-8	11/15/2017	17.53	7.5	1.89	20	2,348
MW-8	5/17/2018	18.43	6.97	--	-76.8	1,950
MW-8	11/12/2018	15.88	7.21	5.72	-73.1	2,081
MW-8	5/14/2019	17.05	6.63	9.46	-53.1	816

Table 3

**Summary of Field Parameter Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Sample ID	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (uS/cm)
MW-8	11/12/2019	Electronic Field Data Lost				
MW-8	3/23/2020	19.43	6.93	3.5	-21	1,749
MW-8	7/28/2020	20.7	8.18	10.16	-62.7	1,030
MW-8	9/23/2020	21.68	7.48	4.2	486.3	1,477
MW-8	3/30/2021	20.22	7.22	1.27	-93.8	1,285
MW-8	10/7/2021	20.44	7.32	1.26	-95.9	926
MW-8	4/13/2022	19.43	7.22	2.39	69.6	1,380
MW-8	11/8/2022	20.13	7.00	2.76	154.0	1,535
MW-8	4/27/2023	24.11	7.11	1.92	--	1,413
MW-8	10/17/2023	21.70	7.09	4.41	--	1,500
MW-8	6/11/2024	22.36	6.71	3.71	41.85	1,471
MW-8	11/12/2024	19.80	7.05	373.5	-37.40	1,540
MW-9	1/21/2015	6	8.33	60.9	201.7	1,180
MW-9	4/21/2015	19.8	6.89	6.5	275.9	1,298
MW-9	12/21/2015	19.31	7.09	3.04	-50.1	1,395
MW-9	6/2/2016	19.9	6.93	1.23	-115	1,180
MW-9	12/9/2016	18.72	7.15	7.87	-122.3	1,145
MW-9	5/9/2017	18.88	6.68	3.76	-139.2	1,138
MW-9	11/15/2017	17.68	7.16	1.41	-77.6	1,464
MW-9	5/17/2018	18.07	6.72	--	-208.2	1,201
MW-9	11/12/2018	16.81	7.03	2.95	-144.2	1,220
MW-9	5/14/2019	17.18	6.59	3.84	-165.9	1,032
MW-9	11/12/2019	Electronic Field Data Lost				
MW-9	3/23/2020	19.14	6.85	2.13	-200.0	1,668
MW-9	7/28/2020	21.4	7.67	10.2	-87.4	1,670
MW-9	9/23/2020	20.53	7.43	1.44	-109.0	1,564
MW-9	3/30/2021	20.21	7	1.02	-124.3	1,917
MW-9	10/7/2021	21.25	7.12	1.12	-137.9	1,378
MW-9	4/13/2022	20.15	6.87	1.02	72.1	2,322
MW-9	11/8/2022	20.22	6.55	1.74	112.2	2,576
MW-9	4/27/2023	20.94	6.75	1.54	--	2,556
MW-9	10/17/2023	20.93	6.78	2.43	--	2,641
MW-9	6/11/2024	25.12	7.36	3.03	-39.68	2,300
MW-9	11/12/2024	20.90	6.83	53.67	-28.90	1,920
MW-10	12/21/2015	19.2	7.49	7.07	-9.4	3,616
MW-10	6/2/2016	20.1	7.23	3.74	97.2	3,250
MW-10	12/9/2016	18.64	7.23	3.76	419.5	3,183
MW-10	5/9/2017	18.74	5.98	2.97	-16.7	3,535
MW-10	11/15/2017	17.49	7.3	2.06	73.5	4,692
MW-10	5/17/2018	18.81	7.0	--	-50.1	3,821
MW-10	11/12/2018	16.82	7.33	3.7	-74	4,567
MW-10	5/14/2019	17.32	6.7	5.96	-60.6	3,719
MW-10	11/12/2019	Electronic Field Data Lost				
MW-10	3/23/2020	19.22	6.91	3.49	5.4	4,681
MW-10	9/23/2020	20.67	7.19	2.75	135.2	4,636
MW-10	3/30/2021	20.19	7.11	2.34	39.3	4,505
MW-10	10/7/2021	20.35	7.2	2.75	44.4	3,467
MW-10	4/13/2022	19.44	7.03	2.34	186.1	5,650
MW-10	11/8/2022	19.69	6.94	3.53	264.2	6,443

Table 3

**Summary of Field Parameter Data
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Sample ID	Date	Temperature (°C)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Conductivity (uS/cm)
MW-10	4/27/2023	20.80	6.95	2.56	--	6,050
MW-10	10/17/2023	19.57	6.91	3.28	--	6,150
MW-10	6/11/2024	23.91	7.33	6.75	86.47	2.54
MW-10	11/13/2024	19.50	6.08	3.23	52.40	6,920
MW-11	12/21/2015	18.44	7.41	6.97	43.2	1,285
MW-11	6/2/2016	19.8	7.36	6.51	385.7	1,120
MW-11	12/9/2016	18.56	7.34	6.85	436.6	1,086
MW-11	5/9/2017	18.82	7.09	4.94	-60.8	1,121
MW-11	11/15/2017	17.34	7.42	3.89	7.5	1,385
MW-11	5/17/2018	18.04	7.16	--	-60.2	1,204
MW-11	11/12/2018	15.99	7.45	7.81	-76.2	1,238
MW-11	5/14/2019	16.63	6.9	5.7	-58.4	812
MW-11	11/12/2019	Electronic Field Data Lost				
MW-11	3/23/2020	19.94	6.99	2.64	-7.0	1,247
MW-11	7/28/2020	20.9	8.19	5.97	-41.9	1,000
MW-11	9/23/2020	20.44	7.3	1.42	-79.5	1,049
MW-11	3/30/2021	20.17	7.25	1.63	-58.2	948
MW-11	10/7/2021	20.22	7.44	1.99	-83.4	666
MW-11	4/13/2022	19.37	7.31	2.23	96.2	1,028
MW-11	11/8/2022	20.04	7.07	1.97	162.2	1,075
MW-11	4/27/2023	22.25	7.30	1.66	--	1,059
MW-11	6/11/2024	21.67	7.34	3.40	-3.25	1,119
MW-11	11/12/2024	20.20	6.65	397.5	10.90	620
MW-12	7/31/2024	23.70	6.54	--	170.75	19,717
MW-12	11/13/2024	19.50	6.80	236.0	49.90	9,160

Notes:

- 1.) °C = degrees Celsius.
- 2.) mg/L = milligrams per liter.
- 3.) mV = millivolts.
- 4.) uS/cm = microsiemens per centimeter.

Table 4

**Summary of Groundwater Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540**

Sample ID	Sample Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
NMWQCC Groundwater Quality Standards			0.005	1.0	0.7	0.62	250
MW-1	2/7/2013*		0.516	<0.00100	0.0688	0.0291	1,200
MW-1	5/10/2013*		0.551	0.0915	0.146	0.114	901
MW-1	9/3/2013*		0.00500	--	0.0172	0.0366	561
MW-1	2/28/2014*		0.395	<0.00200	0.0850	0.0350	1,220
MW-1	7/30/2014		<0.00100	<0.00200	<0.00100	0.0178	1,190
MW-1	10/31/2014		0.00500	--	0.0671	<0.00100	871
MW-1	1/21/2015		0.137	<0.0500	0.111	<0.05000	618
MW-1	4/21/2015		0.104	<0.00100	0.0324	<0.00100	845
MW-1	12/21/2015		0.00500	--	0.011	0.00210	890
MW-1	6/1/2016		0.021	<0.00100	0.00730	<0.00150	850
MW-1	12/9/2016		0.00300	<0.00100	0.00200	<0.00150	600
MW-1	5/9/2017		0.00500	--	0.00480	<0.00150	650
MW-1	11/15/2017		0.00960	<0.00100	0.00280	<0.00150	700
MW-1	5/10/2018		--	--	--	--	490
MW-1	5/17/2018		0.00500	<0.00100	0.00520	<0.00150	--
MW-1	11/12/2018		0.00300	<0.00100	0.00160	<0.00150	1,400
MW-1	5/14/2019		<0.00100	<0.00100	<0.00100	<0.00150	1,200
MW-1	11/12/2019		0.00500		<0.00100	<0.00200	860
MW-1	3/23/2020		0.00180	<0.00100	<0.00100	<0.00150	710
MW-1	9/23/2020		0.00220	<0.00100	<0.00100	<0.00150	410
MW-1	3/30/2021		0.00220	<0.00100	<0.00100	<0.00150	300
MW-1	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	290
MW-1	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	230
MW-1	11/8/2022		0.00140	<0.00100	<0.00100	<0.00150	210
MW-1	4/27/2023		0.0022	<0.0010	<0.0010	<0.0015	190
MW-1	10/17/2023		--	--	--	--	215
MW-1	6/11/2024		--	--	--	--	195
MW-1	11/12/2024		--	--	--	--	183
MW-2	2/7/2013*		<0.00100	<0.00200	<0.00100	<0.00200	142
MW-2	5/10/2013*		<0.00100	<0.00200	<0.00100	<0.00200	138
MW-2	9/3/2013*		0.00500	<0.00100	<0.00100	<0.00200	139
MW-2	2/28/2014*		<0.00100	<0.00200	<0.00100	<0.00100	134
MW-2	7/31/2014		<0.00100	<0.00200	<0.00100	<0.00100	144
MW-2	10/31/2014		0.00500	<0.00100	<0.00100	<0.00100	168
MW-2	1/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	167
MW-2	4/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	159
MW-2	12/21/2015		<0.00100	<0.00100	<0.00100	<0.00150	170
MW-2	6/1/2016		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-2	12/9/2016		<0.00100	<0.00100	<0.00100	<0.00150	190
MW-2	5/9/2017		<0.00100	<0.00100	<0.00100	<0.00150	190
MW-2	11/15/2017		<0.00100	<0.00100	<0.00100	<0.00150	170
MW-2	5/10/2018		--	--	--	--	67.0
MW-2	5/17/2018		<0.00100	<0.00100	<0.00100	<0.00150	--
MW-2	11/12/2018		<0.00100	<0.00100	<0.00100	<0.00150	190
MW-2	5/14/2019		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-2	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	170
MW-2	3/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-2	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	160
MW-2	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	170
MW-2	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	200
MW-2	10/17/2023		--	--	--	--	282
MW-2	6/11/2024		--	--	--	--	305
MW-2	11/13/2024		--	--	--	--	268

Table 4

Summary of Groundwater Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540

Sample ID	Sample Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
NMWQCC Groundwater Quality Standards			0.005	1.0	0.7	0.62	250
MW-3	2/7/2013*		<0.00100	<0.00200	<0.00100	<0.00200	102
MW-3	5/10/2013*		<0.00100	<0.00200	<0.00100	<0.00200	91.3
MW-3	9/3/2013*		<0.00100	<0.00100	<0.00100	<0.00200	75.9
MW-3	2/28/2014*		<0.00100	<0.00200	<0.00100	<0.00100	95.4
MW-3	7/31/2014		<0.00100	<0.00200	<0.00100	<0.00100	89.9
MW-3	10/31/2014		0.00460	<0.00100	<0.00100	<0.00100	114
MW-3	1/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	111
MW-3	4/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	114
MW-3	12/21/2015		<0.00100	<0.00100	<0.00100	<0.00150	110
MW-3	6/1/2016		Not Sampled				
MW-3	12/9/2016		Not Sampled				
MW-3	5/9/2017		Not Sampled				
MW-3	11/15/2017		<0.00100	<0.00100	<0.00100	<0.00150	130
MW-3	5/17/2018		Not Sampled				
MW-3	11/12/2018		<0.00100	<0.00100	<0.00100	<0.00150	130
MW-3	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	130
MW-3	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	150
MW-3	3/30/2021		<0.00100	<0.00100	<0.00100	<0.00150	160
MW-3	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-3	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	200
MW-3	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	280
MW-3	4/27/2023		<0.0010	<0.0010	<0.0010	<0.0015	260 *
MW-3	10/17/2023		--	--	--	--	374
MW-3	6/11/2024		--	--	--	--	395
MW-3	11/13/2024		--	--	--	--	452
MW-4	9/3/2013*		<0.00100	<0.00100	<0.00100	<0.00100	86.9
MW-4	2/28/2014*		<0.00100	<0.00200	<0.00100	<0.00100	89.7
MW-4	7/30/2014		<0.00100	<0.00200	<0.00100	<0.00100	98.8
MW-4	10/31/2014		<0.00100	<0.00100	<0.00100	<0.00100	106
MW-4	1/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	131
MW-4	4/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	120
MW-4	12/21/2015		<0.00100	<0.00100	<0.00100	<0.00150	120
MW-4	6/1/2016		Not Sampled				
MW-4	12/9/2016		Not Sampled				
MW-4	5/9/2017		Not Sampled				
MW-4	11/15/2017		<0.00100	<0.00100	<0.00100	<0.00150	98
MW-4	5/17/2018		Not Sampled				
MW-4	11/12/2018		<0.00100	<0.00100	<0.00100	<0.00150	100
MW-4	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	89
MW-4	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	100
MW-4	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	140
MW-4	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	140
MW-4	10/17/2023		--	--	--	--	164
MW-4	6/11/2024		--	--	--	--	155
MW-4	11/13/2024		--	--	--	--	170
MW-5	9/3/2013*		0.00200	<0.00100	<0.00100	<0.00100	85.7
MW-5	2/28/2014*		<0.00100	<0.00200	<0.00100	<0.00100	87.1
MW-5	7/30/2014		<0.00100	<0.00200	<0.00100	0.00410	73.4
MW-5	10/31/2014		0.00440	<0.00100	<0.00100	0.0145	77.1
MW-5	1/21/2015		<0.00100	<0.00100	<0.00100	0.00280	69.9
MW-5	4/21/2015		<0.00100	<0.00100	<0.00100	0.00970	73.3
MW-5	12/21/2015		Not Sampled				
MW-5	6/1/2016		Not Sampled				

Table 4

Summary of Groundwater Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540

Sample ID	Sample Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
NMWQCC Groundwater Quality Standards			0.005	1.0	0.7	0.62	250
MW-5	12/9/2016		Not Sampled				
MW-5	5/9/2017		Not Sampled				
MW-5	11/15/2017		<0.00100	<0.00100	<0.00100	<0.00150	73
MW-5	5/17/2018		Not Sampled				
MW-5	11/12/2018		0.00170	<0.00100	<0.00100	<0.00150	64
MW-5	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	78
MW-5	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	86
MW-5	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	86
MW-5	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	110
MW-5	10/17/2023		--	--	--	--	165
MW-5	6/11/2024		--	--	--	--	162
MW-5	11/13/2024		--	--	--	--	159
MW-6	9/3/2013*		0.469	<0.00100	0.00613	0.03420	906
MW-6	2/28/2014*		0.851	<0.00100	0.0185	0.05900	1,290
MW-6	7/30/2014		<0.00100	<0.00200	0.00965	0.01030	1,010
MW-6	10/31/2014		0.647	<0.05000	<0.05000	0.36800	1,420
MW-6	1/21/2015		0.440	<0.05000	<0.05000	<0.05000	429
MW-6	4/21/2015		0.790	<0.05000	<0.05000	<0.05000	1,190
MW-6	12/21/2015		0.200	<0.00100	0.00220	0.00340	1,700
MW-6	6/2/2016		0.0990	<0.00100	0.00260	0.00390	1,500
MW-6	12/9/2016		0.0160	<0.00100	0.00130	0.00150	1,400
MW-6	5/9/2017		0.0120	<0.00100	0.00140	0.00160	1,100
MW-6	11/15/2017		0.00270	<0.00100	<0.00100	<0.00150	1,200
MW-6	5/10/2018		--	--	--	--	560
MW-6	5/17/2018		0.00260	<0.00100	0.00170	<0.00150	--
MW-6	11/12/2018		<0.00100	<0.00100	<0.00100	<0.00150	390
MW-6	5/14/2019		<0.00100	<0.00100	<0.00100	<0.00150	410
MW-6	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	380
MW-6	3/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	360
MW-6	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	250
MW-6	3/30/2021		<0.00100	<0.00100	<0.00100	<0.00150	270
MW-6	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	210
MW-6	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-6	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-6	4/27/2023		<0.0010	<0.0010	<0.0010	<0.0015	150
MW-6	10/17/2023		--	--	--	--	156
MW-6	6/11/2024		--	--	--	--	147
MW-6	6/11/2024	DUP	--	--	--	--	150
MW-6	11/12/2024		--	--	--	--	152
MW-7	9/3/2013*		0.0842	<0.00100	<0.00100	<0.00200	91.0
MW-7	2/28/2014*		0.0606	<0.00200	0.00149	<0.00100	88.3
MW-7	7/30/2014		<0.00100	<0.00200	<0.00100	<0.00100	70.6
MW-7	10/31/2014		0.0351	<0.00100	0.00290	0.00660	72.2
MW-7	1/21/2015		0.0169	<0.00100	<0.00100	<0.00100	46.6
MW-7	4/21/2015		0.0123	<0.00100	<0.00100	<0.00100	<25.0
MW-7	12/21/2015		0.0082	<0.00100	<0.00100	<0.00150	110
MW-7	6/2/2016		0.0110	<0.00100	<0.00100	<0.00150	99.0
MW-7	6/2/2016	DUP	0.0120	<0.00100	<0.00100	<0.00150	100
MW-7	12/9/2016		0.00310	<0.00100	<0.00100	<0.00150	94.0
MW-7	12/9/2016	DUP	0.00310	<0.00100	<0.00100	<0.00150	--
MW-7	5/9/2017		0.00780	<0.00100	<0.00100	<0.00150	88.0
MW-7	11/15/2017		0.00150	<0.00100	<0.00100	<0.00150	96.0
MW-7	5/10/2018		--	--	--	--	32.0

Table 4

Summary of Groundwater Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540

Sample ID	Sample Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
NMWQCC Groundwater Quality Standards			0.005	1.0	0.7	0.62	250
MW-7	5/17/2018		<0.00100	<0.00100	<0.00100	<0.00150	--
MW-7	11/12/2018		0.00110	<0.00100	<0.00100	<0.00150	150
MW-7	5/14/2019		<0.00100	<0.00100	<0.00100	<0.00150	170
MW-7	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	130
MW-7	3/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	190
MW-7	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	180
MW-7	3/30/2021		<0.00100	<0.00100	<0.00100	<0.00150	200
MW-7	12/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	230
MW-7	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	280
MW-7	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	370
MW-7	4/27/2023		0.00056	<0.0010	<0.0010	<0.0015	350 *
MW-7	10/17/2023		--	--	--	--	482
MW-7	6/11/2024		--	--	--	--	582
MW-7	11/13/2024		--	--	--	--	500
MW-8	1/21/2015		<0.00100	<0.00100	<0.00100	0.0012	362
MW-8	4/21/2015		<0.00100	<0.00100	<0.00100	<0.00100	184
MW-8	12/22/2015		0.0220	<0.00100	0.00250	<0.00150	190
MW-8	6/2/2016		0.0510	<0.00100	0.00600	<0.00150	170
MW-8	12/9/2016		0.0110	<0.00100	0.00320	<0.00150	190
MW-8	5/9/2017		0.0580	<0.00100	0.00550	<0.00150	180
MW-8	11/15/2017		0.0210	<0.00100	0.00290	<0.00150	180
MW-8	5/10/2018		--	--	--	--	98.0
MW-8	5/17/2018		0.00110	<0.00100	<0.00100	<0.00150	--
MW-8	11/12/2018		0.00110	<0.00100	<0.00100	<0.00150	160
MW-8	5/14/2019		0.00150	<0.00100	<0.00100	<0.00150	130
MW-8	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	100
MW-8	3/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	100
MW-8	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	100
MW-8	3/30/2021		<0.00100	<0.00100	<0.00100	<0.00150	110
MW-8	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	130
MW-8	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	130
MW-8	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	150
MW-8	4/27/2023		<0.0010	<0.0010	<0.0010	<0.0015	130
MW-8	10/17/2023		--	--	--	--	159
MW-8	6/11/2024		--	--	--	--	149
MW-8	11/12/2024		--	--	--	--	156
MW-9	1/21/2015		0.0240	<0.00100	<0.00100	0.0151	53.9
MW-9	4/21/2015		0.0305	<0.00100	<0.00100	0.0340	53.4
MW-9	12/22/2015		0.0190	<0.00100	<0.00100	0.0180	57.0
MW-9	6/2/2016		0.0510	<0.00100	<0.00100	0.0250	43.0
MW-9	12/9/2016		0.0320	<0.00100	<0.00100	0.0140	43.0
MW-9	5/9/2017		0.0780	<0.00100	<0.00100	0.0400	42.0
MW-9	11/15/2017		0.0290	<0.00100	<0.00100	0.0160	35.0
MW-9	5/10/2018		--	--	--	--	33.0
MW-9	5/17/2018		0.0200	<0.00100	<0.00100	0.00170	--
MW-9	11/12/2018		0.00760	<0.00100	<0.00100	<0.00150	41.0
MW-9	5/14/2019		0.00850	<0.00100	<0.00100	<0.00150	80.0
MW-9	11/12/2019		0.00250	<0.00100	<0.00100	0.0190	220
MW-9	11/12/2019	DUP	0.00160	<0.00100	<0.00100	0.0110	220
MW-9	3/23/2020		0.00240	<0.00100	<0.00100	0.00520	280
MW-9	9/23/2020		0.00150	<0.00100	<0.00100	<0.00150	350
MW-9	9/23/2020	DUP	0.00140	<0.00100	<0.00100	<0.00150	380
MW-9	3/30/2021		<0.00100	<0.00100	<0.00100	0.00160	450

Table 4

Summary of Groundwater Analytical Results
ET Gathering Processing LLC
A-7 Bettis Pipeline
Lea County, New Mexico
NMOCD 1RP 9-5-2186 and 1RP 1540

Sample ID	Sample Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
NMWQCC Groundwater Quality Standards			0.005	1.0	0.7	0.62	250
MW-9	3/30/2021	DUP	<0.00100	<0.00100	<0.00100	<0.00150	420
MW-9	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	510
MW-9	10/7/2021	DUP	<0.00100	<0.00100	<0.00100	<0.00150	620
MW-9	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	710
MW-9	4/13/2022	DUP	<0.00100	<0.00100	<0.00100	<0.00150	710
MW-9	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	620
MW-9	4/27/2023		0.00032	<0.0010	0.00025	<0.0015	590 *
MW-9	10/17/2023		--	--	--	--	627
MW-9	6/11/2024		--	--	--	--	585
MW-9	11/12/2024		--	--	--	--	408
MW-10	12/21/2015		<0.00100	<0.00100	<0.00100	<0.00150	570
MW-10	6/2/2016		<0.00100	<0.00100	<0.00100	<0.00150	500
MW-10	12/9/2016		<0.00100	<0.00100	<0.00100	<0.00150	580
MW-10	5/9/2017		<0.00100	<0.00100	<0.00100	<0.00150	640
MW-10	11/15/2017		<0.00100	<0.00100	<0.00100	<0.00150	520
MW-10	5/10/2018		--	--	--	--	730
MW-10	5/10/2018	DUP	--	--	--	--	750
MW-10	5/17/2018		<0.00100	<0.00100	<0.00100	<0.00150	--
MW-10	11/12/2018		<0.00100	<0.00100	<0.00100	<0.00150	770
MW-10	5/14/2019		<0.00100	<0.00100	<0.00100	<0.00150	810
MW-10	5/14/2019	DUP	<0.00100	<0.00100	<0.00100	<0.00150	830
MW-10	11/12/2019		<0.00100	<0.00100	<0.00100	<0.00200	930
MW-10	3/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	1,100
MW-10	9/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	1,300
MW-10	3/30/2021		<0.00100	<0.00100	<0.00100	<0.00150	1,300
MW-10	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	1,600
MW-10	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	1,900
MW-10	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	1,800
MW-10	4/27/2023		<0.0010	<0.0010	<0.0010	<0.0015	1,800 *
MW-10	4/27/2023	DUP	<0.0010	<0.0010	<0.0010	<0.0015	1,800 *
MW-10	10/17/2023		--	--	--	--	2,050
MW-10	10/17/2023	DUP	--	--	--	--	2,140
MW-10	6/11/2024		--	--	--	--	2,130
MW-10	11/13/2024		--	--	--	--	1,890
MW-11	12/21/2015		0.00130	<0.00100	<0.00100	<0.00150	55.0
MW-11	6/2/2016		<0.00100	<0.00100	<0.00100	<0.00150	46.0
MW-11	12/9/2016		<0.00100	<0.00100	<0.00100	<0.00150	44.0
MW-11	5/9/2017		0.00230	<0.00100	<0.00100	<0.00150	56.0
MW-11	11/15/2017		0.0130	<0.00100	<0.00100	0.00180	35.0
MW-11	5/10/2018		--	--	--	--	44.0
MW-11	5/17/2018		0.00160	<0.00100	<0.00100	<0.00150	--
MW-11	11/12/2018		<0.00100	<0.00100	<0.00100	<0.00150	42.0
MW-11	5/14/2019		<0.00100	<0.00100	<0.00100	<0.00150	43.0
MW-11	11/12/2019		0.00100	<0.00100	<0.00100	<0.00200	33.0
MW-11	3/23/2020		<0.00100	<0.00100	<0.00100	<0.00150	44.0
MW-11	9/23/2020		0.00140	<0.00100	<0.00100	<0.00150	43.0
MW-11	3/30/2021		0.00150	<0.00100	<0.00100	<0.00150	52.0
MW-11	10/7/2021		<0.00100	<0.00100	<0.00100	<0.00150	56.0
MW-11	4/13/2022		<0.00100	<0.00100	<0.00100	<0.00150	62.0
MW-11	11/8/2022		<0.00100	<0.00100	<0.00100	<0.00150	60.0
MW-11	4/27/2023		0.0016	<0.0010	<0.0010	<0.0015	61.0
MW-11	10/17/2023		--	--	--	--	65.7
MW-11	6/11/2024		--	--	--	--	61.7

Table 4

Summary of Groundwater Analytical Results
 ET Gathering Processing LLC
 A-7 Bettis Pipeline
 Lea County, New Mexico
 NMOCD 1RP 9-5-2186 and 1RP 1540

Sample ID	Sample Date	Sample Type	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)
NMWQCC Groundwater Quality Standards			0.005	1.0	0.7	0.62	250
MW-11	11/12/2024		--	--	--	--	62.0
MW-12	7/31/2024		<0.0010	<0.0010	<0.0010	<0.0030	8,350
MW-12	11/13/2024		<0.0010	<0.0010	<0.0010	<0.0030	7,690
MW-12	11/13/2024	DUP	<0.0010	<0.0010	<0.0010	<0.0030	--

Notes:

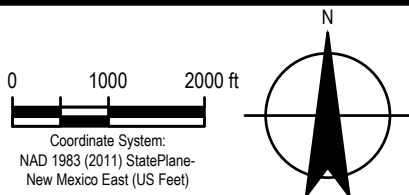
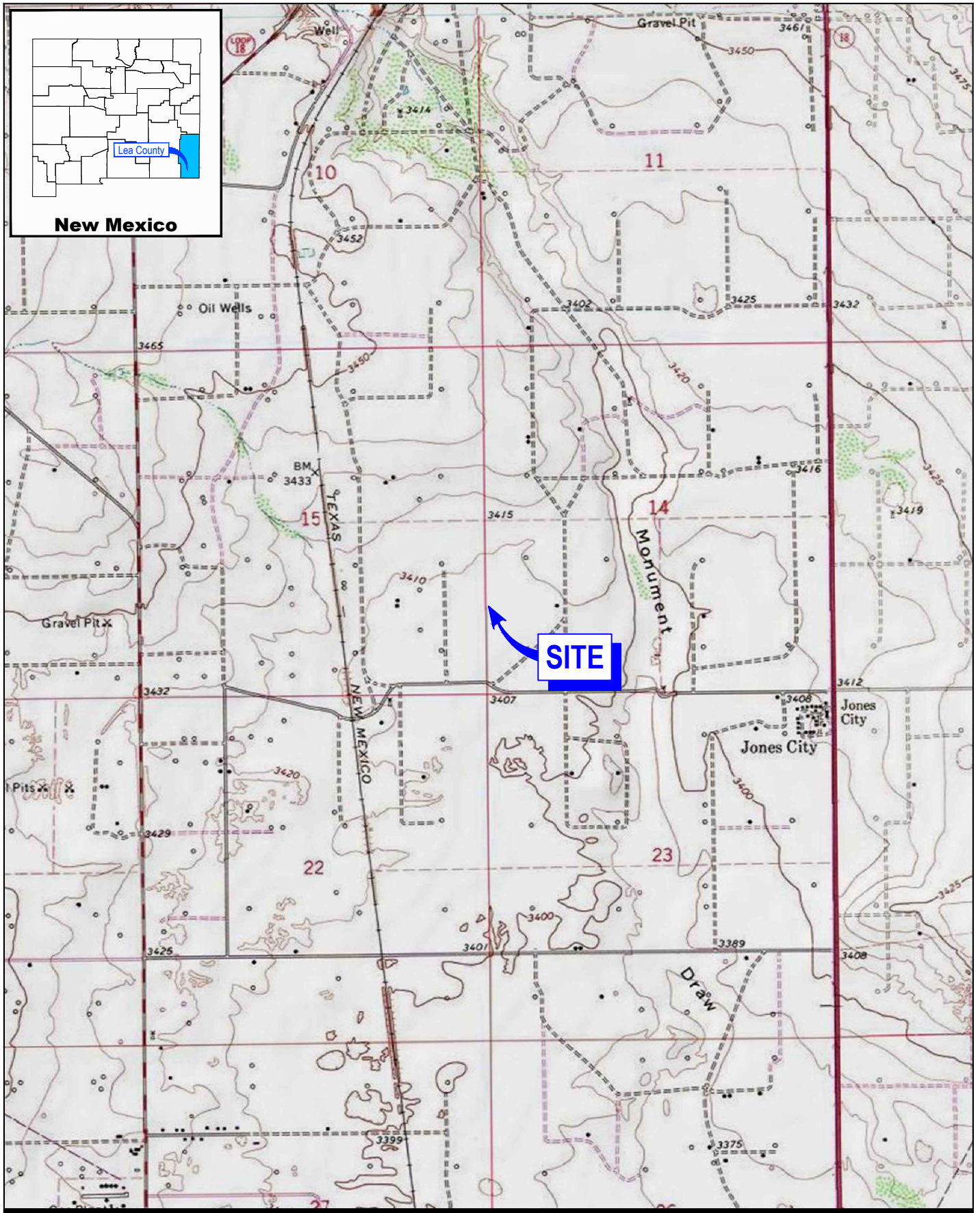
NMWQCC = New Mexico Water Quality Control Commission.

Concentrations reported in mg/L = milligrams per liter

-- = Not Analyzed

*Samples collected by Basin Environmental Services, LLC.

Concentrations that are **bolded/highlighted** exceed the NMOCD Remediation Action Level



ET GATHERING & PROCESSING
LEA COUNTY, NEW MEXICO
A-7 BETTIS
NMOCD 1RP-1540

Project No. 12660611
Date April 2025

SITE LOCATION MAP

FIGURE 1



LEGEND

- MONITORING WELL LOCATION
- RELEASE POINT
- SUBSURFACE PIPELINE
- EXCAVATION LIMITS

0 30 60 ft

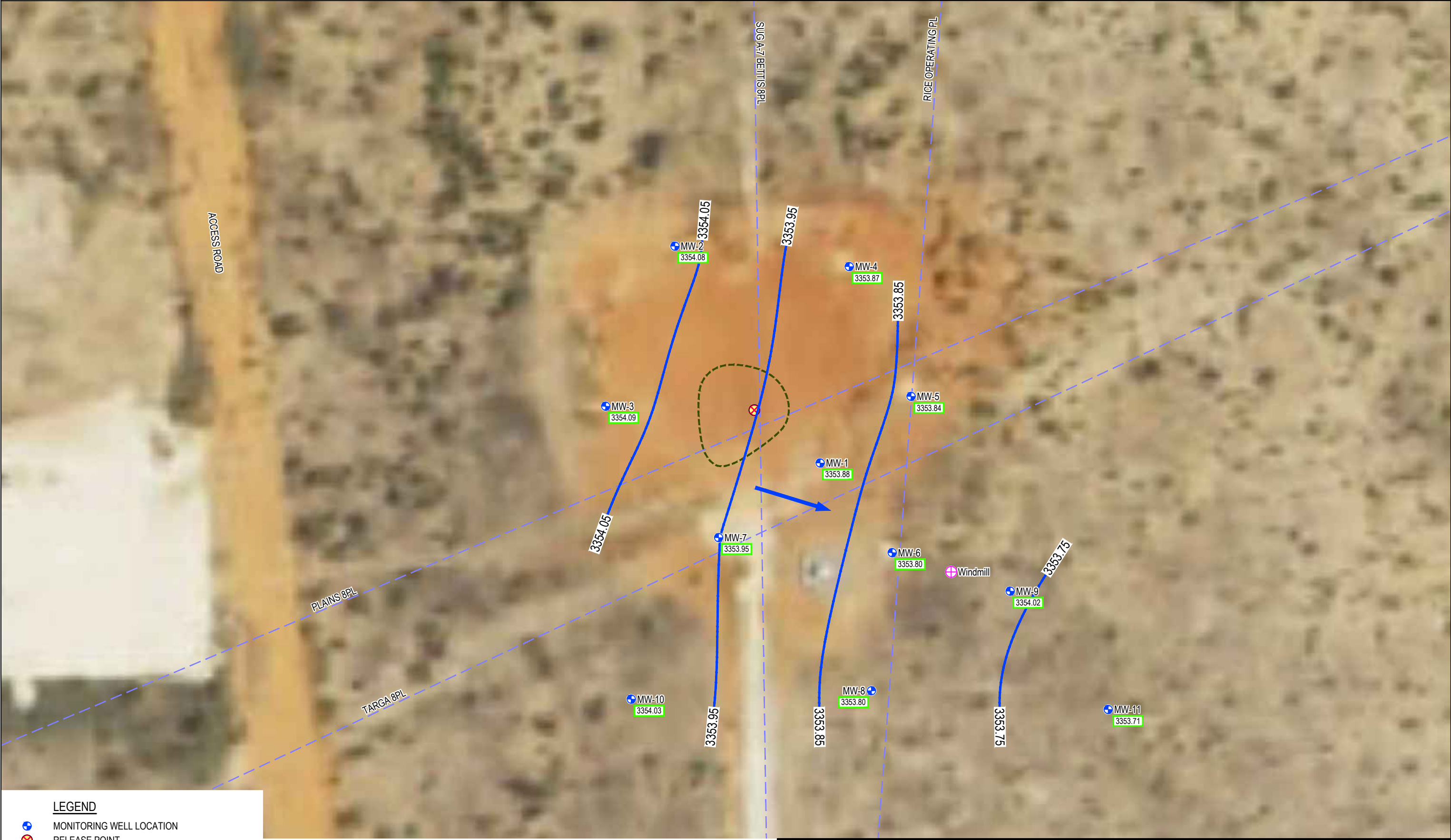
Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

ET GATHERING & PROCESSING
LEA COUNTY, NEW MEXICO
A-7 BETTIS
NMOCD 1RP-1540

SITE DETAILS MAP

Project No. 12660611
Date April 2025

FIGURE 2



LEGEND

- MONITORING WELL LOCATION
- RELEASE POINT
- SUBSURFACE PIPELINE
- EXCAVATION LIMITS
- GROUNDWATER ELEVATION CONTOUR (INTERVAL = 0.1 FT)
- GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

0 30 60 ft

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

N



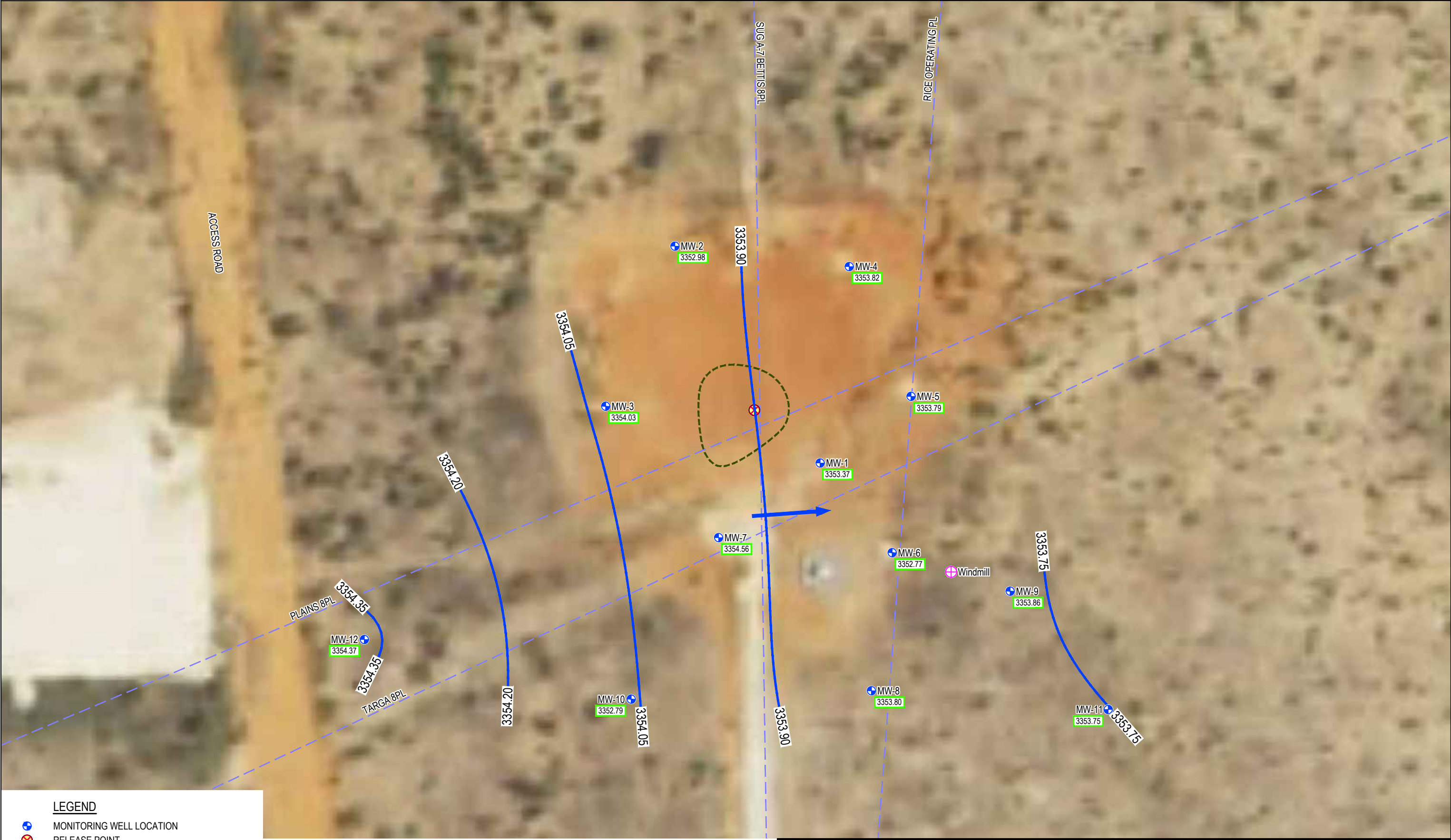
ET GATHERING & PROCESSING
LEA COUNTY, NEW MEXICO
A-7 BETTIS
NMOCD 1RP-1540

**POTENTIOMETRIC SURFACE MAP
(JUNE 2024)**

Project No. 12660611
Date April 2025

FIGURE 3

Data Source: NAIP Imagery, New Mexico 2014
Lat/Long: 32.47536° North, 103.14215° West



LEGEND

- MONITORING WELL LOCATION
- RELEASE POINT
- SUBSURFACE PIPELINE
- EXCAVATION LIMITS
- GROUNDWATER ELEVATION CONTOUR (INTERVAL = 0.25 FT)
- GROUNDWATER ELEVATION (FT AMSL)
- DIRECTION OF GROUNDWATER FLOW

NOTE:
1. MW-1, MW-2, MW-6, MW-7, MW-9, AND MW-10 WERE NOT USED IN CONTOURING.

0 30 60 ft

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

N

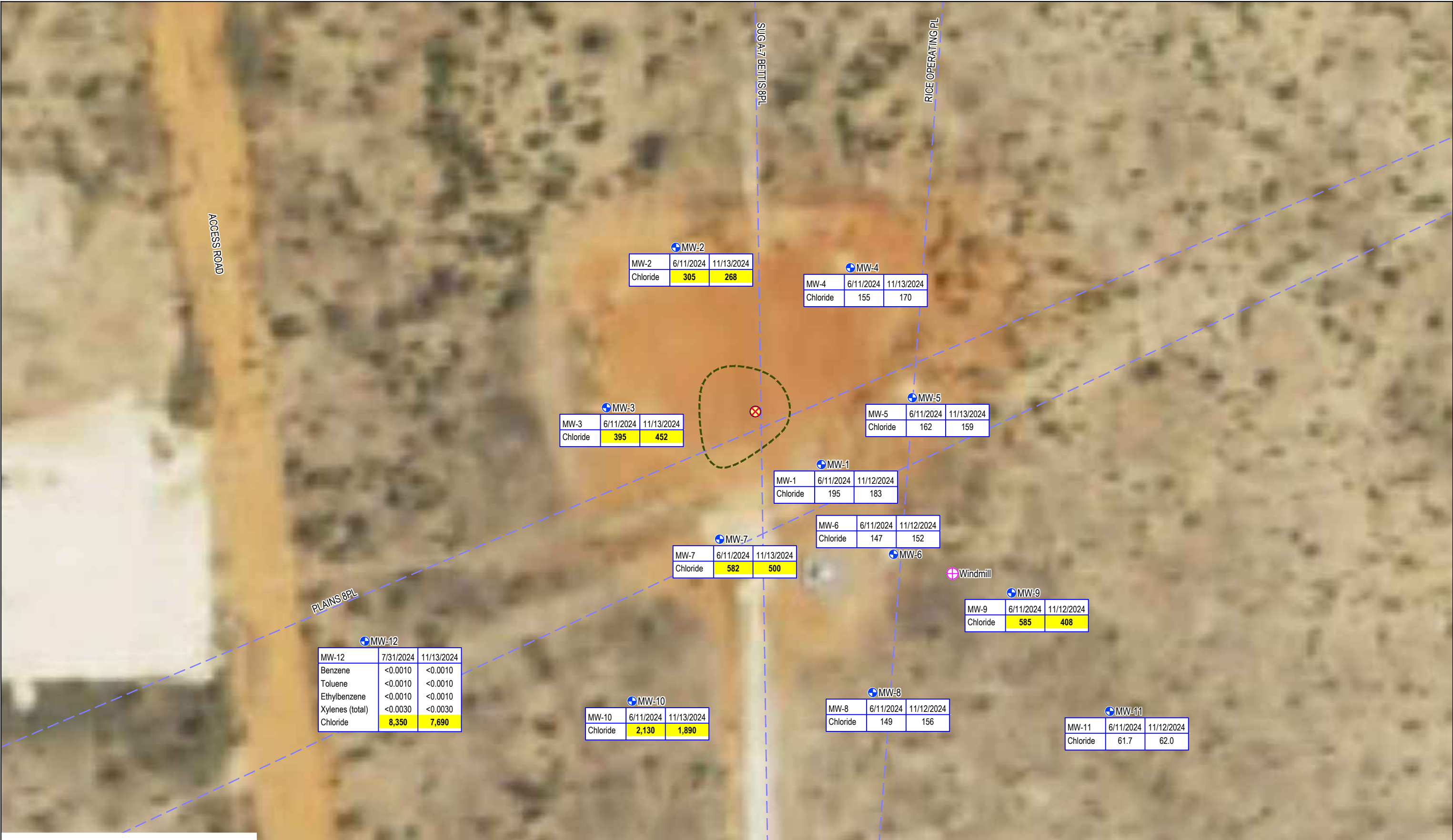


ET GATHERING & PROCESSING
LEA COUNTY, NEW MEXICO
A-7 BETTIS
NMOCD 1RP-1540
**POTENTIOMETRIC SURFACE MAP
(NOVEMBER 2024)**

Project No. 12660611
Date July 2025

FIGURE 4

Data Source: NAIP Imagery, New Mexico 2014
Lat/Long: 32.47536° North, 103.14215° West

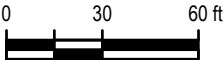


LEGEND

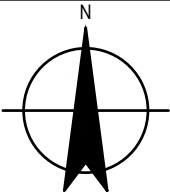
- MONITORING WELL LOCATION
- RELEASE POINT
- SUBSURFACE PIPELINE
- EXCAVATION LIMITS
- NOT ANALYZED

NOTES:

- GROUNDWATER CONCENTRATIONS PRESENTED IN MILLIGRAMS PER LITER (mg/L).
- YELLOW SHADED CELLS INDICATE EXCEEDANCE OF THE NMWQCC STANDARD.



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



ET GATHERING & PROCESSING
LEA COUNTY, NEW MEXICO
A-7 BETTIS
NMOCD 1RP-1540

COC CONCENTRATIONS
IN GROUNDWATER (2024)

Project No. 12660611
Date July 2025

FIGURE 5

Data Source: NAIP Imagery, New Mexico 2014
Lat/Long: 32.47536° North, 103.14215° West

Appendices

Appendix A

Boring/Monitoring Well Log



STRATIGRAPHIC AND INSTRUMENTATION RECORD

MW-12

(Overburden)

Project Number: 12660611

Client: ET Gathering & Processing, LLC

Page 1 of 2

Project: ET - A-7 Bettis 2025

Location: Lea County, New Mexico

Date Range (dd/mm/yyyy): 30/07/2024

Drilling Co. (Driller): White Drilling(Bo Ackins)

Northing: 538566.30 ft

Logged By: Hunter Johnson

Easting: 908426.30 ft

Approved By: Deedee Whittington

Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Elevation: 3409.70 ft

Final Depth: 66.00 ft

Elevation Datum: Vertical Datum 1988

Coordinates and Elevation Values are Surveyed

Hole Diameter(s): 4 inch

Depth Scale (ft)	Depth (ft)	Strata	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Monitoring Well
	0.00									
	3409.70									
1			SW-WELL-GRADED SAND, with gravel and caliche nodules, light brown, fine to coarse grain, dry	1SS	100	<1.0				1
2						<1.0				2
3	2.50		SILTSTONE, fine to medium grained, caliche nodules, light brown, dry	2SS	100	<1.0				3
4						<1.0				4
5				3SS	100	<1.0	5			5
6						<1.0				6
7				4SS	100	<1.0				7
8						<1.0				8
9				5SS	100	<1.0	10			9
10						<1.0				10
11				6SS	100	<1.0				11
12						<1.0				12
13				7SS	100	<1.0				13
14						<1.0				14
15				8SS	100	<1.0	15			15
16						<1.0				16
17				9SS	100	<1.0				17
18						<1.0				18
19				10SS	100	<1.0	20			19
20						<1.0				20
21				11SS	100	<1.0				21
22						<1.0				22
23	23.00		CLAYEY SAND, fine grained, low plasticity, red to light brown, moist	12SS	100	<1.0				23
24	3386.70					<1.0				24
25				13SS	100	<1.0	25			25
26						<1.0				26
27				14SS	100	<1.0				27
28						<1.0				28
29				15SS	100	<1.0	30			29
30						<1.0				30
31				16SS	100	<1.0				31
32						<1.0				32
33				17SS	100	<1.0				33
34						<1.0				34
						<1.0	35			

Legend:

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling: 56.00 ft

Upon Completion of Drilling: 58.23 ft on 31/07/2024

Well - Reference Elevation(s)

Location Elevation (ft)

MW-12

T.O.S.: Top of Screen

B.O.S.: Bottom of Screen

Screen Diameter: 2 inch

Screen Slot Size: 0.01 inch

Material: Sch. 40 PVC



STRATIGRAPHIC AND INSTRUMENTATION RECORD

MW-12

(Overburden)

Project Number: 12660611

Client: ET Gathering & Processing, LLC

Page 2 of 2

Project: ET - A-7 Bettis 2025

Location: Lea County, New Mexico

Date Range (dd/mm/yyyy): 30/07/2024

Drilling Co. (Driller): White Drilling(Bo Ackins)

Northing: 538566.30 ft

Logged By: Hunter Johnson

Easting: 908426.30 ft

Approved By: Deedee Whittington

Horizontal Datum: NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Elevation: 3409.70 ft

Final Depth: 66.00 ft

Elevation Datum: Vertical Datum 1988

Coordinates and Elevation Values are Surveyed

Hole Diameter(s): 4 inch

Depth Scale (ft)	Depth (ft)	Elev. (ft)	Strata	Description	Run Number	Recovery %	PID (ppm)	Sample Number	Chem. Analysis	Water Level(s)	Monitoring Well
36				CLAYEY SAND, fine grained, low plasticity, red to light brown, moist	18SS	100	<1.0				
37					19SS	100	<1.0				
38							<1.0				
39					20SS	100	<1.0	40			
40							<1.0				
41					21SS	100	<1.0				
42							<1.0				
43					22SS	100	<1.0				
44							<1.0				
45					23SS	100	<1.0	45			
46							<1.0				
47					24SS	100	<1.0				
48							<1.0				
49					25SS	100	<1.0	50			
50							<1.0				
51					26SS	100	<1.0				
52							<1.0				
53					26SS	100	<1.0				
54							<1.0				
55					27SS	100	<1.0	55			
56				- more moist at 56.00ft BGS			<1.0				
57					28SS	100	<1.0				
58							<1.0				
59					29SS	100	<1.0				
60							<1.0				
61					30SS	100	<1.0				
62							<1.0				
63	63.00	3346.70		SHALE, very fine grained, reddish brown, moist	31SS	100	<1.0				
64							<1.0				
65					32SS	100	<1.0	65			
66	66.00	3343.70		End of Hole at 66.00 ft.			<1.0				
67					33SS	100					
68											
69											

Legend:

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling: 56.00 ft

Upon Completion of Drilling: 58.23 ft on 31/07/2024

Well - Reference Elevation(s)

Location Elevation (ft)

MW-12

T.O.S.: Top of Screen

B.O.S.: Bottom of Screen

Screen Diameter: 2 inch

Screen Slot Size: 0.01 inch

Material: Sch. 40 PVC

Appendix B

Laboratory Analytical Reports



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

June 25, 2024

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

Work Order: **HS24060806**

Laboratory Results for: **12603932 - A-7 Bettis Semi Annual**

Dear Blair Owen,

ALS Environmental received 13 sample(s) on Jun 13, 2024 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,

Generated By: JUMOKE.LAWAL
Luis.Aguilar

ALS Houston, US

Date: 25-Jun-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
Work Order: HS24060806

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24060806-01	MW-1-20240611	Water		11-Jun-2024 12:30	13-Jun-2024 09:12	☐
HS24060806-02	MW-2-20240611	Water		11-Jun-2024 12:25	13-Jun-2024 09:12	☐
HS24060806-03	MW-3-20240611	Water		11-Jun-2024 13:15	13-Jun-2024 09:12	☐
HS24060806-04	MW-4-20240611	Water		11-Jun-2024 12:05	13-Jun-2024 09:12	☐
HS24060806-05	MW-5-20240611	Water		11-Jun-2024 12:00	13-Jun-2024 09:12	☐
HS24060806-06	MW-6-20240611	Water		11-Jun-2024 13:40	13-Jun-2024 09:12	☐
HS24060806-07	MW-7-20240611	Water		11-Jun-2024 13:20	13-Jun-2024 09:12	☐
HS24060806-08	MW-8-20240611	Water		11-Jun-2024 13:45	13-Jun-2024 09:12	☐
HS24060806-09	MW-9-20240611	Water		11-Jun-2024 16:05	13-Jun-2024 09:12	☐
HS24060806-10	MW-10-20240611	Water		11-Jun-2024 16:30	13-Jun-2024 09:12	☐
HS24060806-11	MW-11-20240611	Water		11-Jun-2024 16:10	13-Jun-2024 09:12	☐
HS24060806-12	DUP-01-20240611	Water		11-Jun-2024 00:00	13-Jun-2024 09:12	☐
HS24060806-13	Trip Blank	Water	VBLKW-032524-36	11-Jun-2024 00:00	13-Jun-2024 09:12	☐

ALS Houston, US

Date: 25-Jun-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
Work Order: HS24060806

CASE NARRATIVE

WetChemistry by Method E300

Batch ID: R470067

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-1-20240611	Lab ID:HS24060806-01
Collection Date:	11-Jun-2024 12:30	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	195		5.00	mg/L	10	20-Jun-2024 12:26

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-2-20240611	Lab ID:HS24060806-02
Collection Date:	11-Jun-2024 12:25	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	305		5.00	mg/L	10	20-Jun-2024 12:44

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-3-20240611	Lab ID:HS24060806-03
Collection Date:	11-Jun-2024 13:15	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	395		5.00	mg/L	10	20-Jun-2024 12:50

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-4-20240611	Lab ID:HS24060806-04
Collection Date:	11-Jun-2024 12:05	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	155		2.50	mg/L	5	20-Jun-2024 12:56

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-5-20240611	Lab ID:HS24060806-05
Collection Date:	11-Jun-2024 12:00	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	162		2.50	mg/L	5	20-Jun-2024 13:01

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-6-20240611	Lab ID:HS24060806-06
Collection Date:	11-Jun-2024 13:40	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	147		1.00	mg/L	2	20-Jun-2024 13:07

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

ALS Houston, US

Date: 25-Jun-24

Client:

GHD

Project:

12603932 - A-7 Bettis Semi Annual

Sample ID:

MW-7-20240611

Collection Date:

11-Jun-2024 13:20

ANALYTICAL REPORT

WorkOrder:HS24060806

Lab ID:HS24060806-07

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	582		10.0	mg/L	20	20-Jun-2024 13:43

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-8-20240611	Lab ID:HS24060806-08
Collection Date:	11-Jun-2024 13:45	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	149		2.50	mg/L	5	20-Jun-2024 13:49

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-9-20240611	Lab ID:HS24060806-09
Collection Date:	11-Jun-2024 16:05	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	585		5.00	mg/L	10	20-Jun-2024 13:55

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-10-20240611	Lab ID:HS24060806-10
Collection Date:	11-Jun-2024 16:30	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	2,130		25.0	mg/L	50	20-Jun-2024 14:01

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	MW-11-20240611	Lab ID:HS24060806-11
Collection Date:	11-Jun-2024 16:10	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	61.7		0.500	mg/L	1	20-Jun-2024 14:07

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

ALS Houston, US

Date: 25-Jun-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24060806
Sample ID:	DUP-01-20240611	Lab ID:HS24060806-12
Collection Date:	11-Jun-2024 00:00	Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	150		1.00	mg/L	2	20-Jun-2024 14:24

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

ALS Houston, US

Date: 25-Jun-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24060806

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R470067 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: Water	
HS24060806-01	MW-1-20240611	11 Jun 2024 12:30			20 Jun 2024 12:26	10
HS24060806-02	MW-2-20240611	11 Jun 2024 12:25			20 Jun 2024 12:44	10
HS24060806-03	MW-3-20240611	11 Jun 2024 13:15			20 Jun 2024 12:50	10
HS24060806-04	MW-4-20240611	11 Jun 2024 12:05			20 Jun 2024 12:56	5
HS24060806-05	MW-5-20240611	11 Jun 2024 12:00			20 Jun 2024 13:01	5
HS24060806-06	MW-6-20240611	11 Jun 2024 13:40			20 Jun 2024 13:07	2
HS24060806-07	MW-7-20240611	11 Jun 2024 13:20			20 Jun 2024 13:43	20
HS24060806-08	MW-8-20240611	11 Jun 2024 13:45			20 Jun 2024 13:49	5
HS24060806-09	MW-9-20240611	11 Jun 2024 16:05			20 Jun 2024 13:55	10
HS24060806-10	MW-10-20240611	11 Jun 2024 16:30			20 Jun 2024 14:01	50
HS24060806-11	MW-11-20240611	11 Jun 2024 16:10			20 Jun 2024 14:07	1
HS24060806-12	DUP-01-20240611	11 Jun 2024 00:00			20 Jun 2024 14:24	2

ALS Houston, US

Date: 25-Jun-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24060806

QC BATCH REPORT

Batch ID: R470067 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 20-Jun-2024 12:14					
Client ID:	Run ID: ICS-Integrion_470067		SeqNo: 8090250		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	U	0.500							
LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 20-Jun-2024 12:20					
Client ID:	Run ID: ICS-Integrion_470067		SeqNo: 8090251		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	21.46	0.500	20	0	107	90 - 110			
MS	Sample ID: HS24060806-11MS	Units: mg/L		Analysis Date: 20-Jun-2024 14:13					
Client ID: MW-11-20240611	Run ID: ICS-Integrion_470067		SeqNo: 8090267		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	70.88	0.500	10	61.66	92.1	80 - 120			O
MS	Sample ID: HS24060806-01MS	Units: mg/L		Analysis Date: 20-Jun-2024 12:32					
Client ID: MW-1-20240611	Run ID: ICS-Integrion_470067		SeqNo: 8090253		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	306.5	5.00	100	195.3	111	80 - 120			
MSD	Sample ID: HS24060806-11MSD	Units: mg/L		Analysis Date: 20-Jun-2024 14:19					
Client ID: MW-11-20240611	Run ID: ICS-Integrion_470067		SeqNo: 8090268		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	70.45	0.500	10	61.66	87.8	80 - 120	70.88	0.611	20 O
MSD	Sample ID: HS24060806-01MSD	Units: mg/L		Analysis Date: 20-Jun-2024 12:38					
Client ID: MW-1-20240611	Run ID: ICS-Integrion_470067		SeqNo: 8090254		PrepDate:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	308	5.00	100	195.3	113	80 - 120	306.5	0.485	20
The following samples were analyzed in this batch:									
HS24060806-01		HS24060806-02		HS24060806-03		HS24060806-04			
HS24060806-05		HS24060806-06		HS24060806-07		HS24060806-08			
HS24060806-09		HS24060806-10		HS24060806-11		HS24060806-12			

ALS Houston, US

Date: 25-Jun-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24060806

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	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 Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

ALS Houston, US

Date: 25-Jun-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2024
Maine	2024017	23-Jun-2026
Maryland	343; 2023-2024	30-Jun-2024
Michigan	9971	30-Apr-2025
North Carolina	624 - 2024	31-Dec-2024
Oklahoma	2023-140	31-Aug-2024
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2024



10450 Stancliff Rd. Suite 210
Houston, TX 77099
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August 16, 2024

Simon Kozik
GHD
6121 Indian School Rd NE Ste 200
Albuquerque, NM 87110

Work Order: **HS24080177**

Laboratory Results for: **12603932 - A-7 Bettis**

Dear Simon Kozik,

ALS Environmental received 16 sample(s) on Aug 01, 2024 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,

Generated By: DAYNA.FISHER

Luis.Aguilar

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
Work Order: HS24080177

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24080177-01	MW-12-20240730-5	Soil		30-Jul-2024 10:30	01-Aug-2024 09:25	☐
HS24080177-02	MW-12-20240730-10	Soil		30-Jul-2024 10:35	01-Aug-2024 09:25	☐
HS24080177-03	MW-12-20240730-15	Soil		30-Jul-2024 10:40	01-Aug-2024 09:25	☐
HS24080177-04	MW-12-20240730-20	Soil		30-Jul-2024 10:45	01-Aug-2024 09:25	☐
HS24080177-05	MW-12-20240730-25	Soil		30-Jul-2024 10:50	01-Aug-2024 09:25	☐
HS24080177-06	MW-12-20240730-30	Soil		30-Jul-2024 10:55	01-Aug-2024 09:25	☐
HS24080177-07	MW-12-20240730-35	Soil		30-Jul-2024 11:00	01-Aug-2024 09:25	☐
HS24080177-08	MW-12-20240730-40	Soil		30-Jul-2024 11:05	01-Aug-2024 09:25	☐
HS24080177-09	MW-12-20240730-45	Soil		30-Jul-2024 11:10	01-Aug-2024 09:25	☐
HS24080177-10	MW-12-20240730-50	Soil		30-Jul-2024 11:15	01-Aug-2024 09:25	☐
HS24080177-11	MW-12-20240730-55	Soil		30-Jul-2024 11:20	01-Aug-2024 09:25	☐
HS24080177-12	MW-12-20240730-60	Soil		30-Jul-2024 11:25	01-Aug-2024 09:25	☐
HS24080177-13	MW-12-20240730-65	Soil		30-Jul-2024 11:30	01-Aug-2024 09:25	☐
HS24080177-14	Waste-20240730	Soil		30-Jul-2024 11:35	01-Aug-2024 09:25	☐
HS24080177-15	Trip Blank	Water	CG-100323 -213	30-Jul-2024 00:00	01-Aug-2024 09:25	☐
HS24080177-16	MW-12-20240731	GW		30-Jul-2024 11:10	01-Aug-2024 09:25	☐

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
Work Order: HS24080177

CASE NARRATIVE

GCMS Volatiles by Method SW8260

Batch ID: R473749,R474460

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

Batch ID: R473741

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

WetChemistry by Method ASTM D2216

Batch ID: R474494

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

WetChemistry by Method E300

Batch ID: 216179,R474570

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

ALS Houston, US

Date: 16-Aug-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis	WorkOrder:HS24080177
Sample ID:	MW-12-20240730-5	Lab ID:HS24080177-01
Collection Date:	30-Jul-2024 10:30	Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0068	mg/Kg-dry	1	06-Aug-2024 04:08
Ethylbenzene	ND	U	0.0068	mg/Kg-dry	1	06-Aug-2024 04:08
Toluene	ND	U	0.0068	mg/Kg-dry	1	06-Aug-2024 04:08
Xylenes, Total	ND	U	0.020	mg/Kg-dry	1	06-Aug-2024 04:08
Surr: 1,2-Dichloroethane-d4	90.5		70-126	%REC	1	06-Aug-2024 04:08
Surr: 4-Bromofluorobenzene	100		70-130	%REC	1	06-Aug-2024 04:08
Surr: Dibromofluoromethane	85.2		70-130	%REC	1	06-Aug-2024 04:08
Surr: Toluene-d8	101		70-130	%REC	1	06-Aug-2024 04:08
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	26.0		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	ND	U	6.64	mg/Kg-dry	1	16-Aug-2024 00:39

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-10

Collection Date:30-Jul-2024 10:35

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-02

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0051	mg/Kg-dry	1	06-Aug-2024 04:28
Ethylbenzene	ND	U	0.0051	mg/Kg-dry	1	06-Aug-2024 04:28
Toluene	ND	U	0.0051	mg/Kg-dry	1	06-Aug-2024 04:28
Xylenes, Total	ND	U	0.015	mg/Kg-dry	1	06-Aug-2024 04:28
Surr: 1,2-Dichloroethane-d4	91.5		70-126	%REC	1	06-Aug-2024 04:28
Surr: 4-Bromofluorobenzene	101		70-130	%REC	1	06-Aug-2024 04:28
Surr: Dibromofluoromethane	86.2		70-130	%REC	1	06-Aug-2024 04:28
Surr: Toluene-d8	99.8		70-130	%REC	1	06-Aug-2024 04:28
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	2.78		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	ND	U	5.08	mg/Kg-dry	1	16-Aug-2024 00:57

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-15

Collection Date:30-Jul-2024 10:40

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-03

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 04:49
Ethylbenzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 04:49
Toluene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 04:49
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 04:49
Surr: 1,2-Dichloroethane-d4	91.5		70-126	%REC	1	06-Aug-2024 04:49
Surr: 4-Bromofluorobenzene	98.5		70-130	%REC	1	06-Aug-2024 04:49
Surr: Dibromofluoromethane	84.6		70-130	%REC	1	06-Aug-2024 04:49
Surr: Toluene-d8	98.5		70-130	%REC	1	06-Aug-2024 04:49
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	6.25		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	ND	U	5.27	mg/Kg-dry	1	16-Aug-2024 01:03

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-20

Collection Date:30-Jul-2024 10:45

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-04

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0069	mg/Kg-dry	1	06-Aug-2024 05:10
Ethylbenzene	ND	U	0.0069	mg/Kg-dry	1	06-Aug-2024 05:10
Toluene	ND	U	0.0069	mg/Kg-dry	1	06-Aug-2024 05:10
Xylenes, Total	ND	U	0.021	mg/Kg-dry	1	06-Aug-2024 05:10
Surr: 1,2-Dichloroethane-d4	91.4		70-126	%REC	1	06-Aug-2024 05:10
Surr: 4-Bromofluorobenzene	98.2		70-130	%REC	1	06-Aug-2024 05:10
Surr: Dibromofluoromethane	86.7		70-130	%REC	1	06-Aug-2024 05:10
Surr: Toluene-d8	98.8		70-130	%REC	1	06-Aug-2024 05:10
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	27.8		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	14.0		6.80	mg/Kg-dry	1	16-Aug-2024 01:09

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-25

Collection Date:30-Jul-2024 10:50

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-05

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 05:30
Ethylbenzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 05:30
Toluene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 05:30
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 05:30
Surr: 1,2-Dichloroethane-d4	92.6		70-126	%REC	1	06-Aug-2024 05:30
Surr: 4-Bromofluorobenzene	98.5		70-130	%REC	1	06-Aug-2024 05:30
Surr: Dibromofluoromethane	86.4		70-130	%REC	1	06-Aug-2024 05:30
Surr: Toluene-d8	98.6		70-130	%REC	1	06-Aug-2024 05:30
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	6.41		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	5.55		5.34	mg/Kg-dry	1	16-Aug-2024 01:15

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-30

Collection Date:30-Jul-2024 10:55

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-06

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 05:51
Ethylbenzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 05:51
Toluene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 05:51
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 05:51
Surr: 1,2-Dichloroethane-d4	91.8		70-126	%REC	1	06-Aug-2024 05:51
Surr: 4-Bromofluorobenzene	97.7		70-130	%REC	1	06-Aug-2024 05:51
Surr: Dibromofluoromethane	86.6		70-130	%REC	1	06-Aug-2024 05:51
Surr: Toluene-d8	100		70-130	%REC	1	06-Aug-2024 05:51
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	4.88		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	ND	U	5.15	mg/Kg-dry	1	16-Aug-2024 01:21

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-35

Collection Date:30-Jul-2024 11:00

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-07

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 06:12
Ethylbenzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 06:12
Toluene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 06:12
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 06:12
Surr: 1,2-Dichloroethane-d4	91.8		70-126	%REC	1	06-Aug-2024 06:12
Surr: 4-Bromofluorobenzene	98.5		70-130	%REC	1	06-Aug-2024 06:12
Surr: Dibromofluoromethane	87.1		70-130	%REC	1	06-Aug-2024 06:12
Surr: Toluene-d8	99.6		70-130	%REC	1	06-Aug-2024 06:12
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	5.42		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024 Analyst: TH		
Chloride	7.50		5.19	mg/Kg-dry	1	16-Aug-2024 01:27

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-40

Collection Date:30-Jul-2024 11:05

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-08

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0052	mg/Kg-dry	1	06-Aug-2024 06:32
Ethylbenzene	ND	U	0.0052	mg/Kg-dry	1	06-Aug-2024 06:32
Toluene	ND	U	0.0052	mg/Kg-dry	1	06-Aug-2024 06:32
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 06:32
Surr: 1,2-Dichloroethane-d4	94.3		70-126	%REC	1	06-Aug-2024 06:32
Surr: 4-Bromofluorobenzene	98.4		70-130	%REC	1	06-Aug-2024 06:32
Surr: Dibromofluoromethane	84.7		70-130	%REC	1	06-Aug-2024 06:32
Surr: Toluene-d8	99.4		70-130	%REC	1	06-Aug-2024 06:32
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	4.14		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	11.6		5.08	mg/Kg-dry	1	16-Aug-2024 01:57

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-45

Collection Date:30-Jul-2024 11:10

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-09

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 06:53
Ethylbenzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 06:53
Toluene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 06:53
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 06:53
Surr: 1,2-Dichloroethane-d4	95.0		70-126	%REC	1	06-Aug-2024 06:53
Surr: 4-Bromofluorobenzene	98.9		70-130	%REC	1	06-Aug-2024 06:53
Surr: Dibromofluoromethane	85.6		70-130	%REC	1	06-Aug-2024 06:53
Surr: Toluene-d8	100		70-130	%REC	1	06-Aug-2024 06:53
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	6.12		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	26.3		5.19	mg/Kg-dry	1	16-Aug-2024 02:03

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

ALS Houston, US

Date: 16-Aug-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis	WorkOrder:HS24080177
Sample ID:	MW-12-20240730-50	Lab ID:HS24080177-10
Collection Date:	30-Jul-2024 11:15	Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 07:14
Ethylbenzene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 07:14
Toluene	ND	U	0.0053	mg/Kg-dry	1	06-Aug-2024 07:14
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 07:14
Surr: 1,2-Dichloroethane-d4	93.8		70-126	%REC	1	06-Aug-2024 07:14
Surr: 4-Bromofluorobenzene	97.7		70-130	%REC	1	06-Aug-2024 07:14
Surr: Dibromofluoromethane	85.1		70-130	%REC	1	06-Aug-2024 07:14
Surr: Toluene-d8	100		70-130	%REC	1	06-Aug-2024 07:14
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	5.82		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	33.4		5.28	mg/Kg-dry	1	16-Aug-2024 02:09

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-55

Collection Date:30-Jul-2024 11:20

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-11

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0063	mg/Kg-dry	1	05-Aug-2024 23:58
Ethylbenzene	ND	U	0.0063	mg/Kg-dry	1	05-Aug-2024 23:58
Toluene	ND	U	0.0063	mg/Kg-dry	1	05-Aug-2024 23:58
Xylenes, Total	ND	U	0.019	mg/Kg-dry	1	05-Aug-2024 23:58
Surr: 1,2-Dichloroethane-d4	89.3		70-126	%REC	1	05-Aug-2024 23:58
Surr: 4-Bromofluorobenzene	104		70-130	%REC	1	05-Aug-2024 23:58
Surr: Dibromofluoromethane	82.8		70-130	%REC	1	05-Aug-2024 23:58
Surr: Toluene-d8	97.6		70-130	%REC	1	05-Aug-2024 23:58
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	22.5		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	113		6.32	mg/Kg-dry	1	16-Aug-2024 02:15

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-60

Collection Date:30-Jul-2024 11:25

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-12

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0060	mg/Kg-dry	1	06-Aug-2024 07:35
Ethylbenzene	ND	U	0.0060	mg/Kg-dry	1	06-Aug-2024 07:35
Toluene	ND	U	0.0060	mg/Kg-dry	1	06-Aug-2024 07:35
Xylenes, Total	ND	U	0.018	mg/Kg-dry	1	06-Aug-2024 07:35
Surr: 1,2-Dichloroethane-d4	93.4		70-126	%REC	1	06-Aug-2024 07:35
Surr: 4-Bromofluorobenzene	97.3		70-130	%REC	1	06-Aug-2024 07:35
Surr: Dibromofluoromethane	86.3		70-130	%REC	1	06-Aug-2024 07:35
Surr: Toluene-d8	99.9		70-130	%REC	1	06-Aug-2024 07:35
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	16.9		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	421		6.01	mg/Kg-dry	1	16-Aug-2024 02:21

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:MW-12-20240730-65

Collection Date:30-Jul-2024 11:30

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-13

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0054	mg/Kg-dry	1	06-Aug-2024 07:56
Ethylbenzene	ND	U	0.0054	mg/Kg-dry	1	06-Aug-2024 07:56
Toluene	ND	U	0.0054	mg/Kg-dry	1	06-Aug-2024 07:56
Xylenes, Total	ND	U	0.016	mg/Kg-dry	1	06-Aug-2024 07:56
Surr: 1,2-Dichloroethane-d4	92.4		70-126	%REC	1	06-Aug-2024 07:56
Surr: 4-Bromofluorobenzene	97.5		70-130	%REC	1	06-Aug-2024 07:56
Surr: Dibromofluoromethane	85.3		70-130	%REC	1	06-Aug-2024 07:56
Surr: Toluene-d8	99.9		70-130	%REC	1	06-Aug-2024 07:56
MOISTURE - ASTM D2216		Method:ASTM D2216		Analyst: MR		
Percent Moisture	6.86		0.0100	wt%	1	13-Aug-2024 10:56
ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL		Method:E300		Prep:E300 / 14-Aug-2024		Analyst: TH
Chloride	728		5.33	mg/Kg-dry	1	16-Aug-2024 02:27

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:Waste-20240730

Collection Date:30-Jul-2024 11:35

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-14

Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
VOLATILES BY SW8260C		Method:SW8260		Analyst: DLB		
Benzene	ND	U	0.0050	mg/Kg	1	06-Aug-2024 08:16
Ethylbenzene	ND	U	0.0050	mg/Kg	1	06-Aug-2024 08:16
Toluene	ND	U	0.0050	mg/Kg	1	06-Aug-2024 08:16
Xylenes, Total	ND	U	0.015	mg/Kg	1	06-Aug-2024 08:16
Surr: 1,2-Dichloroethane-d4	92.4		70-126	%REC	1	06-Aug-2024 08:16
Surr: 4-Bromofluorobenzene	97.6		70-130	%REC	1	06-Aug-2024 08:16
Surr: Dibromofluoromethane	87.6		70-130	%REC	1	06-Aug-2024 08:16
Surr: Toluene-d8	99.6		70-130	%REC	1	06-Aug-2024 08:16

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

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

Sample ID:Trip Blank

Collection Date:30-Jul-2024 00:00

ANALYTICAL REPORT

WorkOrder:HS24080177

Lab ID:HS24080177-15

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP		
Benzene	ND	U	0.0010	mg/L	1	13-Aug-2024 12:15
Ethylbenzene	ND	U	0.0010	mg/L	1	13-Aug-2024 12:15
Toluene	ND	U	0.0010	mg/L	1	13-Aug-2024 12:15
Xylenes, Total	ND	U	0.0030	mg/L	1	13-Aug-2024 12:15
Surr: 1,2-Dichloroethane-d4	89.4		70-126	%REC	1	13-Aug-2024 12:15
Surr: 4-Bromofluorobenzene	95.2		77-113	%REC	1	13-Aug-2024 12:15
Surr: Dibromofluoromethane	88.6		77-123	%REC	1	13-Aug-2024 12:15
Surr: Toluene-d8	99.9		82-127	%REC	1	13-Aug-2024 12:15

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

ALS Houston, US

Date: 16-Aug-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis	WorkOrder:HS24080177
Sample ID:	MW-12-20240731	Lab ID:HS24080177-16
Collection Date:	30-Jul-2024 11:10	Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP		
Benzene	ND	U	0.0010	mg/L	1	13-Aug-2024 12:38
Ethylbenzene	ND	U	0.0010	mg/L	1	13-Aug-2024 12:38
Toluene	ND	U	0.0010	mg/L	1	13-Aug-2024 12:38
Xylenes, Total	ND	U	0.0030	mg/L	1	13-Aug-2024 12:38
Surr: 1,2-Dichloroethane-d4	109		70-126	%REC	1	13-Aug-2024 12:38
Surr: 4-Bromofluorobenzene	96.8		77-113	%REC	1	13-Aug-2024 12:38
Surr: Dibromofluoromethane	102		77-123	%REC	1	13-Aug-2024 12:38
Surr: Toluene-d8	96.4		82-127	%REC	1	13-Aug-2024 12:38
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	8,350		125	mg/L	250	14-Aug-2024 14:56

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

ALS Houston, US

Date: 16-Aug-24

Weight / Prep Log

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

Batch ID: 7302 **Start Date:** 05 Aug 2024 10:59 **End Date:** 05 Aug 2024 10:59
Method: VOLATILES BY SW8260C

Sample ID	Container	Sample Wt/Vol	Final Volume	Weight Factor	Container Type
HS24080177-01	1	5.11 (g)	5 (mL)	0.98	Bulk (5030B)
HS24080177-02	1	5.1 (g)	5 (mL)	0.98	Bulk (5030B)
HS24080177-03	1	5.09 (g)	5 (mL)	0.98	Bulk (5030B)
HS24080177-04	1	5.085 (g)	5 (mL)	0.98	Bulk (5030B)
HS24080177-05	1	5.177 (g)	5 (mL)	0.97	Bulk (5030B)
HS24080177-06	1	5.208 (g)	5 (mL)	0.96	Bulk (5030B)
HS24080177-07	1	4.936 (g)	5 (mL)	1.01	Bulk (5030B)
HS24080177-08	1	5.14 (g)	5 (mL)	0.97	Bulk (5030B)
HS24080177-09	1	5.13 (g)	5 (mL)	0.97	Bulk (5030B)
HS24080177-10	1	5.166 (g)	5 (mL)	0.97	Bulk (5030B)
HS24080177-11	1	5.177 (g)	5 (mL)	0.97	Bulk (5030B)
HS24080177-12	1	4.909 (g)	5 (mL)	1.02	Bulk (5030B)
HS24080177-13	1	5.111 (g)	5 (mL)	0.98	Bulk (5030B)
HS24080177-14	1	5.289 (g)	5 (mL)	0.95	Bulk (5030B)

Batch ID: 216179 **Start Date:** 14 Aug 2024 07:00 **End Date:** 14 Aug 2024 07:00
Method: 300 ANIONS SOIL PREP **Prep Code:** 300_S_PR

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24080177-01		5.0902 (g)	50 (mL)	9.823	4-oz glass, Neat
HS24080177-02		5.0614 (g)	50 (mL)	9.879	4-oz glass, Neat
HS24080177-03		5.059 (g)	50 (mL)	9.883	4-oz glass, Neat
HS24080177-04		5.0914 (g)	50 (mL)	9.82	4-oz glass, Neat
HS24080177-05		5.0058 (g)	50 (mL)	9.988	4-oz glass, Neat
HS24080177-06		5.0988 (g)	50 (mL)	9.806	4-oz glass, Neat
HS24080177-07		5.0905 (g)	50 (mL)	9.822	4-oz glass, Neat
HS24080177-08		5.1351 (g)	50 (mL)	9.737	4-oz glass, Neat
HS24080177-09		5.1265 (g)	50 (mL)	9.753	4-oz glass, Neat
HS24080177-10		5.0292 (g)	50 (mL)	9.942	4-oz glass, Neat
HS24080177-11		5.1013 (g)	50 (mL)	9.801	4-oz glass, Neat
HS24080177-12		5.0023 (g)	50 (mL)	9.995	4-oz glass, Neat
HS24080177-13		5.0359 (g)	50 (mL)	9.929	4-oz glass, Neat

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 216179 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL			Matrix: Soil	
HS24080177-01	MW-12-20240730-5	30 Jul 2024 10:30		14 Aug 2024 07:00	16 Aug 2024 00:39	1
HS24080177-02	MW-12-20240730-10	30 Jul 2024 10:35		14 Aug 2024 07:00	16 Aug 2024 00:57	1
HS24080177-03	MW-12-20240730-15	30 Jul 2024 10:40		14 Aug 2024 07:00	16 Aug 2024 01:03	1
HS24080177-04	MW-12-20240730-20	30 Jul 2024 10:45		14 Aug 2024 07:00	16 Aug 2024 01:09	1
HS24080177-05	MW-12-20240730-25	30 Jul 2024 10:50		14 Aug 2024 07:00	16 Aug 2024 01:15	1
HS24080177-06	MW-12-20240730-30	30 Jul 2024 10:55		14 Aug 2024 07:00	16 Aug 2024 01:21	1
HS24080177-07	MW-12-20240730-35	30 Jul 2024 11:00		14 Aug 2024 07:00	16 Aug 2024 01:27	1
HS24080177-08	MW-12-20240730-40	30 Jul 2024 11:05		14 Aug 2024 07:00	16 Aug 2024 01:57	1
HS24080177-09	MW-12-20240730-45	30 Jul 2024 11:10		14 Aug 2024 07:00	16 Aug 2024 02:03	1
HS24080177-10	MW-12-20240730-50	30 Jul 2024 11:15		14 Aug 2024 07:00	16 Aug 2024 02:09	1
HS24080177-11	MW-12-20240730-55	30 Jul 2024 11:20		14 Aug 2024 07:00	16 Aug 2024 02:15	1
HS24080177-12	MW-12-20240730-60	30 Jul 2024 11:25		14 Aug 2024 07:00	16 Aug 2024 02:21	1
HS24080177-13	MW-12-20240730-65	30 Jul 2024 11:30		14 Aug 2024 07:00	16 Aug 2024 02:27	1
Batch ID: R473741 (0)		Test Name : VOLATILES BY SW8260C			Matrix: Soil	
HS24080177-11	MW-12-20240730-55	30 Jul 2024 11:20			05 Aug 2024 23:58	1
Batch ID: R473749 (0)		Test Name : VOLATILES BY SW8260C			Matrix: Soil	
HS24080177-01	MW-12-20240730-5	30 Jul 2024 10:30			06 Aug 2024 04:08	1
HS24080177-02	MW-12-20240730-10	30 Jul 2024 10:35			06 Aug 2024 04:28	1
HS24080177-03	MW-12-20240730-15	30 Jul 2024 10:40			06 Aug 2024 04:49	1
HS24080177-04	MW-12-20240730-20	30 Jul 2024 10:45			06 Aug 2024 05:10	1
HS24080177-05	MW-12-20240730-25	30 Jul 2024 10:50			06 Aug 2024 05:30	1
HS24080177-06	MW-12-20240730-30	30 Jul 2024 10:55			06 Aug 2024 05:51	1
HS24080177-07	MW-12-20240730-35	30 Jul 2024 11:00			06 Aug 2024 06:12	1
HS24080177-08	MW-12-20240730-40	30 Jul 2024 11:05			06 Aug 2024 06:32	1
HS24080177-09	MW-12-20240730-45	30 Jul 2024 11:10			06 Aug 2024 06:53	1
HS24080177-10	MW-12-20240730-50	30 Jul 2024 11:15			06 Aug 2024 07:14	1
HS24080177-12	MW-12-20240730-60	30 Jul 2024 11:25			06 Aug 2024 07:35	1
HS24080177-13	MW-12-20240730-65	30 Jul 2024 11:30			06 Aug 2024 07:56	1
HS24080177-14	Waste-20240730	30 Jul 2024 11:35			06 Aug 2024 08:16	1
Batch ID: R474460 (0)		Test Name : LOW LEVEL VOLATILES BY SW8260C			Matrix: GW	
HS24080177-16	MW-12-20240731	30 Jul 2024 11:10			13 Aug 2024 12:38	1
Batch ID: R474460 (0)		Test Name : LOW LEVEL VOLATILES BY SW8260C			Matrix: Water	
HS24080177-15	Trip Blank	30 Jul 2024 00:00			13 Aug 2024 12:15	1

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R474494 (0)		Test Name : MOISTURE - ASTM D2216			Matrix: Soil	
HS24080177-01	MW-12-20240730-5	30 Jul 2024 10:30			13 Aug 2024 10:56	1
HS24080177-02	MW-12-20240730-10	30 Jul 2024 10:35			13 Aug 2024 10:56	1
HS24080177-03	MW-12-20240730-15	30 Jul 2024 10:40			13 Aug 2024 10:56	1
HS24080177-04	MW-12-20240730-20	30 Jul 2024 10:45			13 Aug 2024 10:56	1
HS24080177-05	MW-12-20240730-25	30 Jul 2024 10:50			13 Aug 2024 10:56	1
HS24080177-06	MW-12-20240730-30	30 Jul 2024 10:55			13 Aug 2024 10:56	1
HS24080177-07	MW-12-20240730-35	30 Jul 2024 11:00			13 Aug 2024 10:56	1
HS24080177-08	MW-12-20240730-40	30 Jul 2024 11:05			13 Aug 2024 10:56	1
HS24080177-09	MW-12-20240730-45	30 Jul 2024 11:10			13 Aug 2024 10:56	1
HS24080177-10	MW-12-20240730-50	30 Jul 2024 11:15			13 Aug 2024 10:56	1
HS24080177-11	MW-12-20240730-55	30 Jul 2024 11:20			13 Aug 2024 10:56	1
HS24080177-12	MW-12-20240730-60	30 Jul 2024 11:25			13 Aug 2024 10:56	1
HS24080177-13	MW-12-20240730-65	30 Jul 2024 11:30			13 Aug 2024 10:56	1
Batch ID: R474570 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: GW	
HS24080177-16	MW-12-20240731	30 Jul 2024 11:10			14 Aug 2024 14:56	250

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R473741 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C					
MBLK	Sample ID: VBLK-240805	Units: ug/Kg		Analysis Date: 05-Aug-2024 17:04					
Client ID:	Run ID: VOA5_473741	SeqNo: 8176691		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	ND	5.0							U
Ethylbenzene	ND	5.0							U
Toluene	ND	5.0							U
Xylenes, Total	ND	15							U
Surr: 1,2-Dichloroethane-d4	51.23	0	50	0	102	76 - 125			
Surr: 4-Bromofluorobenzene	45.26	0	50	0	90.5	80 - 120			
Surr: Dibromofluoromethane	49.73	0	50	0	99.5	80 - 119			
Surr: Toluene-d8	50.76	0	50	0	102	81 - 118			

LCS	Sample ID: LCS-240805	Units: ug/Kg		Analysis Date: 05-Aug-2024 16:02					
Client ID:	Run ID: VOA5_473741	SeqNo: 8176689		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	51.59	5.0	50	0	103	75 - 124			
Ethylbenzene	50.38	5.0	50	0	101	70 - 123			
Toluene	58.34	5.0	50	0	117	76 - 122			
Xylenes, Total	148	15	150	0	98.7	77 - 128			
Surr: 1,2-Dichloroethane-d4	49.29	0	50	0	98.6	76 - 125			
Surr: 4-Bromofluorobenzene	51.67	0	50	0	103	80 - 120			
Surr: Dibromofluoromethane	49.17	0	50	0	98.3	80 - 119			
Surr: Toluene-d8	50.28	0	50	0	101	81 - 118			

LCSD	Sample ID: LCSD-240805	Units: ug/Kg		Analysis Date: 05-Aug-2024 16:23					
Client ID:	Run ID: VOA5_473741	SeqNo: 8176690		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	11.16	5.0	50	0	102	75 - 124	51.59	1.24	20
Ethylbenzene	10.25	5.0	50	0	100	70 - 123	50.38	0.687	20
Toluene	18.38	5.0	50	0	116	76 - 122	58.34	0.29	20
Xylenes, Total	148.6	15	150	0	99.1	77 - 128	148	0.358	20
Surr: 1,2-Dichloroethane-d4	49.32	0	50	0	98.6	76 - 125	49.29	0.0496	20
Surr: 4-Bromofluorobenzene	51.67	0	50	0	103	80 - 120	51.67	0.00311	20
Surr: Dibromofluoromethane	50.51	0	50	0	101	80 - 119	49.17	2.71	20
Surr: Toluene-d8	50.2	0	50	0	100	81 - 118	50.28	0.156	20

ALS Houston, US

Date: 16-Aug-24

Client: GHD
 Project: 12603932 - A-7 Bettis
 WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R473741 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C					
MS		Sample ID: HS24080177-11MS		Units: ug/Kg		Analysis Date: 06-Aug-2024 00:18			
Client ID: MW-12-20240730-55		Run ID: VOA5_473741		SeqNo: 8176711		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	42.82	5.0	50	0	85.6	70 - 130			
Ethylbenzene	43.88	5.0	50	0	87.8	70 - 130			
Toluene	48.55	5.0	50	0	97.1	70 - 130			
Xylenes, Total	129.2	15	150	0	86.1	70 - 130			
Surr: 1,2-Dichloroethane-d4	43.98	0	50	0	88.0	70 - 126			
Surr: 4-Bromofluorobenzene	53.81	0	50	0	108	70 - 130			
Surr: Dibromofluoromethane	44.27	0	50	0	88.5	70 - 130			
Surr: Toluene-d8	48.67	0	50	0	97.3	70 - 130			

MSD		Sample ID: HS24080177-11MSD		Units: ug/Kg		Analysis Date: 06-Aug-2024 00:39			
Client ID: MW-12-20240730-55		Run ID: VOA5_473741		SeqNo: 8176712		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	42.5	5.0	50	0	85.0	70 - 130	42.82	0.748	30
Ethylbenzene	43.55	5.0	50	0	87.1	70 - 130	43.88	0.768	30
Toluene	48.6	5.0	50	0	97.2	70 - 130	48.55	0.0987	30
Xylenes, Total	127.5	15	150	0	85.0	70 - 130	129.2	1.31	30
Surr: 1,2-Dichloroethane-d4	44.49	0	50	0	89.0	70 - 126	43.98	1.16	30
Surr: 4-Bromofluorobenzene	53.33	0	50	0	107	70 - 130	53.81	0.88	30
Surr: Dibromofluoromethane	45.6	0	50	0	91.2	70 - 130	44.27	2.95	30
Surr: Toluene-d8	48.62	0	50	0	97.2	70 - 130	48.67	0.107	30

The following samples were analyzed in this batch: HS24080177-11

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R473749 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C					
MBLK	Sample ID: VBLK-240805	Units: ug/Kg		Analysis Date: 06-Aug-2024 03:47					
Client ID:	Run ID: VOA5_473749	SeqNo: 8176884		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	ND	5.0							U
Ethylbenzene	ND	5.0							U
Toluene	ND	5.0							U
Xylenes, Total	ND	15							U
Surr: 1,2-Dichloroethane-d4	45.29	0	50	0	90.6	76 - 125			
Surr: 4-Bromofluorobenzene	50.72	0	50	0	101	80 - 120			
Surr: Dibromofluoromethane	42.66	0	50	0	85.3	80 - 119			
Surr: Toluene-d8	50.45	0	50	0	101	81 - 118			

LCS	Sample ID: LCS-240805	Units: ug/Kg		Analysis Date: 06-Aug-2024 02:44					
Client ID:	Run ID: VOA5_473749	SeqNo: 8176882		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	6.87	5.0	50	0	92.2	75 - 124			
Ethylbenzene	7.87	5.0	50	0	94.2	70 - 123			
Toluene	14.37	5.0	50	0	107	76 - 122			
Xylenes, Total	138.4	15	150	0	92.2	77 - 128			
Surr: 1,2-Dichloroethane-d4	44.51	0	50	0	89.0	76 - 125			
Surr: 4-Bromofluorobenzene	52.54	0	50	0	105	80 - 120			
Surr: Dibromofluoromethane	45.46	0	50	0	90.9	80 - 119			
Surr: Toluene-d8	49.76	0	50	0	99.5	81 - 118			

LCSD	Sample ID: LCSD-240805	Units: ug/Kg		Analysis Date: 06-Aug-2024 03:05					
Client ID:	Run ID: VOA5_473749	SeqNo: 8176883		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	46.85	5.0	50	0	93.7	75 - 124	46.1	1.62	20
Ethylbenzene	45.24	5.0	50	0	90.5	70 - 123	47.1	4.04	20
Toluene	53.91	5.0	50	0	108	76 - 122	53.6	0.575	20
Xylenes, Total	135.2	15	150	0	90.2	77 - 128	138.4	2.29	20
Surr: 1,2-Dichloroethane-d4	44.76	0	50	0	89.5	76 - 125	44.51	0.544	20
Surr: 4-Bromofluorobenzene	53.34	0	50	0	107	80 - 120	52.54	1.52	20
Surr: Dibromofluoromethane	45.54	0	50	0	91.1	80 - 119	45.46	0.171	20
Surr: Toluene-d8	48.95	0	50	0	97.9	81 - 118	49.76	1.65	20

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R473749 (0)		Instrument: VOA5		Method: VOLATILES BY SW8260C					
MS		Sample ID: HS24080177-04MS		Units: ug/Kg		Analysis Date: 06-Aug-2024 09:39			
Client ID: MW-12-20240730-20		Run ID: VOA5_473749		SeqNo: 8176978		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Benzene	43.32	5.0	50	0	86.6	70 - 130			
Ethylbenzene	42.63	5.0	50	0	85.3	70 - 130			
Toluene	48.93	5.0	50	0	97.9	70 - 130			
Xylenes, Total	124	15	150	0	82.7	70 - 130			
Surr: 1,2-Dichloroethane-d4	45.46	0	50	0	90.9	70 - 126			
Surr: 4-Bromofluorobenzene	52.51	0	50	0	105	70 - 130			
Surr: Dibromofluoromethane	45.07	0	50	0	90.1	70 - 130			
Surr: Toluene-d8	49.59	0	50	0	99.2	70 - 130			

MSD		Sample ID: HS24080177-04MSD		Units: ug/Kg		Analysis Date: 06-Aug-2024 09:59			
Client ID: MW-12-20240730-20		Run ID: VOA5_473749		SeqNo: 8176979		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	41.57	5.0	50	0	83.1	70 - 130	43.32	4.13	30
Ethylbenzene	40.43	5.0	50	0	80.9	70 - 130	42.63	5.3	30
Toluene	46.33	5.0	50	0	92.7	70 - 130	48.93	5.45	30
Xylenes, Total	118.2	15	150	0	78.8	70 - 130	124	4.81	30
Surr: 1,2-Dichloroethane-d4	46.86	0	50	0	93.7	70 - 126	45.46	3.03	30
Surr: 4-Bromofluorobenzene	53.1	0	50	0	106	70 - 130	52.51	1.12	30
Surr: Dibromofluoromethane	46.84	0	50	0	93.7	70 - 130	45.07	3.85	30
Surr: Toluene-d8	50.01	0	50	0	100	70 - 130	49.59	0.86	30

The following samples were analyzed in this batch:

HS24080177-01	HS24080177-02	HS24080177-03	HS24080177-04
HS24080177-05	HS24080177-06	HS24080177-07	HS24080177-08
HS24080177-09	HS24080177-10	HS24080177-12	HS24080177-13
HS24080177-14			

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R474460 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C					
MBLK	Sample ID: VBLKW-240813	Units: ug/L		Analysis Date: 13-Aug-2024 10:45					
Client ID:	Run ID: VOA4_474460	SeqNo: 8191484		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	ND	1.0							U
Ethylbenzene	ND	1.0							U
Toluene	ND	1.0							U
Xylenes, Total	ND	3.0							U
Surr: 1,2-Dichloroethane-d4	50.69	1.0	50	0	101	70 - 123			
Surr: 4-Bromofluorobenzene	47.75	1.0	50	0	95.5	77 - 113			
Surr: Dibromofluoromethane	47.98	1.0	50	0	96.0	73 - 126			
Surr: Toluene-d8	48.87	1.0	50	0	97.7	81 - 120			

LCS	Sample ID: VLCSW-240813	Units: ug/L		Analysis Date: 13-Aug-2024 09:37					
Client ID:	Run ID: VOA4_474460	SeqNo: 8191482		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	20.57	1.0	20	0	103	74 - 120			
Ethylbenzene	21.31	1.0	20	0	107	77 - 117			
Toluene	20.74	1.0	20	0	104	77 - 118			
Xylenes, Total	66.21	3.0	60	0	110	75 - 122			
Surr: 1,2-Dichloroethane-d4	53.51	1.0	50	0	107	70 - 123			
Surr: 4-Bromofluorobenzene	50.97	1.0	50	0	102	77 - 113			
Surr: Dibromofluoromethane	48.73	1.0	50	0	97.5	73 - 126			
Surr: Toluene-d8	50.69	1.0	50	0	101	81 - 120			

LCSD	Sample ID: VLCSDW-240813	Units: ug/L		Analysis Date: 13-Aug-2024 10:00					
Client ID:	Run ID: VOA4_474460	SeqNo: 8191483		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	20.12	1.0	20	0	101	74 - 120	20.57	2.21	20
Ethylbenzene	20.59	1.0	20	0	103	77 - 117	21.31	3.44	20
Toluene	20.2	1.0	20	0	101	77 - 118	20.74	2.6	20
Xylenes, Total	66.19	3.0	60	0	110	75 - 122	66.21	0.0348	20
Surr: 1,2-Dichloroethane-d4	53.91	1.0	50	0	108	70 - 123	53.51	0.747	20
Surr: 4-Bromofluorobenzene	51.29	1.0	50	0	103	77 - 113	50.97	0.623	20
Surr: Dibromofluoromethane	48.21	1.0	50	0	96.4	73 - 126	48.73	1.07	20
Surr: Toluene-d8	51.33	1.0	50	0	103	81 - 120	50.69	1.25	20

ALS Houston, US

Date: 16-Aug-24

Client: GHD
 Project: 12603932 - A-7 Bettis
 WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R474460 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C					
MS		Sample ID: HS24080138-03MS		Units: ug/L		Analysis Date: 13-Aug-2024 19:53			
Client ID:		Run ID: VOA4_474460		SeqNo: 8191505		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.32	1.0	20	0	91.6	70 - 127			
Ethylbenzene	18.54	1.0	20	0	92.7	70 - 124			
Toluene	18.17	1.0	20	0	90.9	70 - 123			
Xylenes, Total	56.35	3.0	60	0	93.9	70 - 130			
Surr: 1,2-Dichloroethane-d4	53.58	1.0	50	0	107	70 - 126			
Surr: 4-Bromofluorobenzene	51.04	1.0	50	0	102	77 - 113			
Surr: Dibromofluoromethane	48.45	1.0	50	0	96.9	77 - 123			
Surr: Toluene-d8	51.17	1.0	50	0	102	82 - 127			

MSD		Sample ID: HS24080138-03MSD		Units: ug/L		Analysis Date: 13-Aug-2024 20:16			
Client ID:		Run ID: VOA4_474460		SeqNo: 8191506		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.56	1.0	20	0	87.8	70 - 127	18.32	4.2	20
Ethylbenzene	17.33	1.0	20	0	86.6	70 - 124	18.54	6.78	20
Toluene	17.29	1.0	20	0	86.5	70 - 123	18.17	4.97	20
Xylenes, Total	54.31	3.0	60	0	90.5	70 - 130	56.35	3.68	20
Surr: 1,2-Dichloroethane-d4	53.46	1.0	50	0	107	70 - 126	53.58	0.226	20
Surr: 4-Bromofluorobenzene	50.39	1.0	50	0	101	77 - 113	51.04	1.28	20
Surr: Dibromofluoromethane	47.93	1.0	50	0	95.9	77 - 123	48.45	1.08	20
Surr: Toluene-d8	51.06	1.0	50	0	102	82 - 127	51.17	0.218	20

The following samples were analyzed in this batch: HS24080177-15 HS24080177-16

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: 216179 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993 MODIFIED FOR SOIL					
MBLK	Sample ID: MBLK-216179	Units: mg/Kg		Analysis Date: 15-Aug-2024 23:10					
Client ID:	Run ID: ICS-Integrion_474678	SeqNo: 8196182		PrepDate: 14-Aug-2024		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	ND	5.00							U
LCS	Sample ID: LCS-216179	Units: mg/Kg		Analysis Date: 15-Aug-2024 23:16					
Client ID:	Run ID: ICS-Integrion_474678	SeqNo: 8196183		PrepDate: 14-Aug-2024		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	216.4	5.00	200	0	108	90 - 110			
MS	Sample ID: HS24080623-01MS	Units: mg/Kg		Analysis Date: 15-Aug-2024 23:28					
Client ID:	Run ID: ICS-Integrion_474678	SeqNo: 8196185		PrepDate: 14-Aug-2024		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	100.5	4.94	98.78	0	102	75 - 125			
MS	Sample ID: HS24080177-01MS	Units: mg/Kg		Analysis Date: 16-Aug-2024 00:45					
Client ID: MW-12-20240730-5	Run ID: ICS-Integrion_474678	SeqNo: 8196196		PrepDate: 14-Aug-2024		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	101.7	4.97	99.48	1.739	101	75 - 125			
MSD	Sample ID: HS24080623-01MSD	Units: mg/Kg		Analysis Date: 15-Aug-2024 23:33					
Client ID:	Run ID: ICS-Integrion_474678	SeqNo: 8196186		PrepDate: 14-Aug-2024		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	100.4	4.93	98.59	0	102	75 - 125	100.5	0.0421	20
MSD	Sample ID: HS24080177-01MSD	Units: mg/Kg		Analysis Date: 16-Aug-2024 00:51					
Client ID: MW-12-20240730-5	Run ID: ICS-Integrion_474678	SeqNo: 8196197		PrepDate: 14-Aug-2024		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	104.6	5.00	99.91	1.739	103	75 - 125	101.7	2.79	20
The following samples were analyzed in this batch:		HS24080177-01		HS24080177-02		HS24080177-03		HS24080177-04	
		HS24080177-05		HS24080177-06		HS24080177-07		HS24080177-08	
		HS24080177-09		HS24080177-10		HS24080177-11		HS24080177-12	
		HS24080177-13							

ALS Houston, US

Date: 16-Aug-24

Client:GHD

Project:12603932 - A-7 Bettis

WorkOrder:HS24080177

QC BATCH REPORT

Batch ID: R474494 (0)		Instrument: Balance1		Method: MOISTURE - ASTM D2216					
DUP	Sample ID: HS24080134-30DUP		Units: wt%		Analysis Date: 13-Aug-2024 10:56				
Client ID:	Run ID: Balance1_474494		SeqNo: 8192144		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Percent Moisture	8.09	0.0100					9.37	14.7	20
The following samples were analyzed in this batch:									
HS24080177-01 HS24080177-02 HS24080177-03 HS24080177-04 HS24080177-05 HS24080177-06 HS24080177-07 HS24080177-08 HS24080177-09 HS24080177-10 HS24080177-11 HS24080177-12 HS24080177-13									

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

QC BATCH REPORT

Batch ID: R474570 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993						
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 14-Aug-2024 12:47						
Client ID:	Run ID: ICS-Integrion_474570		SeqNo: 8193812		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.500								U
LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 14-Aug-2024 12:53						
Client ID:	Run ID: ICS-Integrion_474570		SeqNo: 8193813		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	19.99	0.500	20	0	100.0	90 - 110				
MS	Sample ID: HS24080400-01MS	Units: mg/L		Analysis Date: 14-Aug-2024 15:50						
Client ID:	Run ID: ICS-Integrion_474570		SeqNo: 8193838		PrepDate:		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	246.7	5.00	100	150.8	95.9	80 - 120				
MS	Sample ID: HS24080112-01MS	Units: mg/L		Analysis Date: 14-Aug-2024 13:10						
Client ID:	Run ID: ICS-Integrion_474570		SeqNo: 8193815		PrepDate:		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	335.2	5.00	100	237.3	97.9	80 - 120				
MSD	Sample ID: HS24080400-01MSD	Units: mg/L		Analysis Date: 14-Aug-2024 15:55						
Client ID:	Run ID: ICS-Integrion_474570		SeqNo: 8193839		PrepDate:		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	250.3	5.00	100	150.8	99.5	80 - 120	246.7	1.44	20	
MSD	Sample ID: HS24080112-01MSD	Units: mg/L		Analysis Date: 14-Aug-2024 13:16						
Client ID:	Run ID: ICS-Integrion_474570		SeqNo: 8193816		PrepDate:		DF: 10			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	339.4	5.00	100	237.3	102	80 - 120	335.2	1.23	20	
The following samples were analyzed in this batch: HS24080177-16										

ALS Houston, US

Date: 16-Aug-24

Client: GHD
Project: 12603932 - A-7 Bettis
WorkOrder: HS24080177

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	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 Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/Kg-dry	Milligrams per Kilogram- Dry weight corrected
mg/L	Milligrams per Liter

ALS Houston, US

Date: 16-Aug-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Illinois	2000322023-11	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Oklahoma	2023-140	31-Aug-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US

Date: 16-Aug-24

Sample Receipt Checklist

Work Order ID: HS24080177

Date/Time Received: 01-Aug-2024 09:25

Client Name: GHD Albuquerque

Received by: Si Ma

Completed By: /S/ Kaycee Rogers

03-Aug-2024 12:37

Reviewed by: /S/ salina zaid

07-Aug-2024 09:34

eSignature

Date/Time

eSignature

Date/Time

Matrices: S.W

Carrier name: FedEx

Shipping container/cooler in good condition?

Yes ☒No ☐Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒No ☐Not Present ☐

Custody seals intact on sample bottles?

Yes ☐No ☐Not Present ☒

VOA/TX1005/TX1006 Solids in hermetically sealed vials?

Yes ☐No ☐Not Present ☒

Chain of custody present?

Yes ☒No ☐

2 Page(s)

Chain of custody signed when relinquished and received?

Yes ☒No ☐

COC IDs:313195, 313196

Samplers name present on COC?

Yes ☒No ☐

Chain of custody agrees with sample labels?

Yes ☒No ☐

Samples in proper container/bottle?

Yes ☒No ☐

Sample containers intact?

Yes ☒No ☐

Sufficient sample volume for indicated test?

Yes ☒No ☐

All samples received within holding time?

Yes ☒No ☐

Container/Temp Blank temperature in compliance?

Yes ☒No ☐

Temperature(s)/Thermometer(s):

2.4UC/2.4C

IR 34

Cooler(s)/Kit(s):

51892

Date/Time sample(s) sent to storage:

08/03/2024 1237

Water - VOA vials have zero headspace?

Yes ☒No ☐No VOA vials submitted ☐

Water - pH acceptable upon receipt?

Yes ☐No ☐N/A ☒

pH adjusted?

Yes ☐No ☐N/A ☒

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

Chain of Custody Form

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Page 1 of 2

COC ID: 313195

GHD

12603932 - A-7 Bettis



ALS Project Manager:

Customer Information		Project Information		
Purchase Order	12603932 - E-19002-GS-26050005	Project Name	12603932 - A-7 Bettis	A 8260_S (BTEX)
Work Order		Project Number	12603932	B [REDACTED]
Company Name	GHD	Bill To Company	ETC Texas Pipeline, LTD	C [REDACTED]
Send Report To	Blair Owen	Invoice Attn	ETC Pipeline A/P	D 300_S (300 Chloride)
Address	6121 Indian School Rd NE Ste 200	Address	1300 Main Street	E MOIST_ASTM (Moisture %)
				F
City/State/Zip	Albuquerque, NM 87110	City/State/Zip	Houston TX 77002	G
Phone	(505) 269-0083	Phone		H
Fax		Fax		I
e-Mail Address	blair.owen@ghd.com	e-Mail Address	apinvoicesetp.mailbox@energytransfer	J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-12-20240730-5	7-30-24	10:30	Soil	8	2	~			~	~						
2	MW-12-20240730-10		10:35				~			~	~						
3	MW-12-20240730-15		10:40				~			~	~						
4	MW-12-20240730-20		10:45				~			~	~						
5	MW-12-20240730-25		10:50				~			~	~						
6	MW-12-20240730-30		10:55				~			~	~						
7	MW-12-20240730-35		11:00				~			~	~						
8	MW-12-20240730-40		11:05				~			~	~						
9	MW-12-20240730-45		11:10				~			~	~						
10	MW-12-20240730-50		11:15				~			~	~						

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:	
Elizabeth Fain		FedEx cooler		☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour					
Relinquished by:	Date:	Time:	Received by:	Notes: 12603932 - A-7 Bettis					
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)			
			Sm 08/01/24 09:25	51802	2.4	☒ Level II Std. (X) ☐ Level II Std. QCPrior Date ☐ Level IV Sampled QCP ☐ Other			
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):						
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035									

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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Chain of Custody Form

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Page 2 of 2

COC ID: 313196

GHD
12603932 - A-7 Bettis

ALS Project Manager:

Customer Information		Project Information			
Purchase Order	12603932 - E-19002-GS-26050005	Project Name	12603932 - A-7 Bettis	A	8260_S (BTEX)
Work Order		Project Number	12603932	B	300_S (300 Chloride)
Company Name	GHD	Bill To Company	ETC Texas Pipeline, LTD	C	300_S (300 Chloride)
Send Report To	Blair Owen	Invoice Attn	ETC Pipeline A/P	D	300_S (300 Chloride)
Address	6121 Indian School Rd NE Ste 200	Address	1300 Main Street	E	MOIST_ASTM (Moisture %)
City/State/Zip	Albuquerque, NM 87110	City/State/Zip	Houston TX 77002	F	BTEX 8260 Water
Phone	(505) 269-0088	Phone		G	Cl 300 water
Fax		Fax		H	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	apinvoiceselp.mailbox@energytransfer	I	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-12-20240730-55	7.30.24	11:20	Soil	8	2	X			X							
2	MW-12-20240730-60		11:25	soil		2	X			X							
3	MW-12-20240730-65		11:30	soil		2	X			X							
4	Waste-20240730		11:35	soil		1	X										
5	trip blank					2	X										
6	MW-12-20240731	7.31.24	11:10	GW		4							X	X			
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)		Results Due Date:	
Elizabeth Fain		FedEx cooler		☒ STC 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hrs			
Relinquished by:	Date:	Time:	Received by:	Notes: 12603932 - A-7 Bettis			
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):			☒ Level II Std. QC ☐ Level II Std. QC/Pres. Date ☐ Level II Std. QC/Pres. Date ☐ Other	
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035							

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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 ALS 10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. +1 281 530 5656 Fax. +1 281 530 5887	CUSTOMER SEAL		Seal Broken By:
	Date: 7/21/24	Time: 10:00	Date:
	Name: T. L. Faye		
	Company: COTCO		

TO SAMPLE RECEIVING
ALS LABORATORY GROUP
10450 STANCLIFF ROAD
SUITE 210
HOUSTON TX 77099
(281) 530-5656
REF: 12603932-A-7-BETTLER-B0 97423-JG

RMA: 000000



FedEx
TRK# 6862 6799 9203
0221

THU - 01 AUG 10:30
PRIORITY OVERNIGHT

AB SGRA

77099
TX-US IAH





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

November 22, 2024

Deedee Whittington
GHD
6121 Indian School Rd NE Ste 200
Albuquerque, NM 87110

Work Order: **HS24110873**

Laboratory Results for: **12603932 - A-7 Bettis Semi Annual**

Dear Deedee Whittington,

ALS Environmental received 14 sample(s) on Nov 14, 2024 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,

Generated By: DAYNA.FISHER
Alexis Dorenbosch

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
Work Order: HS24110873

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24110873-01	MW-12-20241113	GW		13-Nov-2024 09:20	14-Nov-2024 09:20	☐
HS24110873-02	MW-3-20241113	GW		13-Nov-2024 09:50	14-Nov-2024 09:20	☐
HS24110873-03	MW-7-20241113	GW		13-Nov-2024 10:15	14-Nov-2024 09:20	☐
HS24110873-04	MW-10-20241113	GW		13-Nov-2024 10:40	14-Nov-2024 09:20	☐
HS24110873-05	MW-11-20241112	GW		12-Nov-2024 15:00	14-Nov-2024 09:20	☐
HS24110873-06	MW-9-20241112	GW		12-Nov-2024 15:30	14-Nov-2024 09:20	☐
HS24110873-07	MW-8-20241112	GW		12-Nov-2024 15:45	14-Nov-2024 09:20	☐
HS24110873-08	MW-6-20241112	GW		12-Nov-2024 16:15	14-Nov-2024 09:20	☐
HS24110873-09	MW-1-20241112	GW		12-Nov-2024 16:30	14-Nov-2024 09:20	☐
HS24110873-10	MW-5-20241112	GW		13-Nov-2024 08:10	14-Nov-2024 09:20	☐
HS24110873-11	MW-4-20241113	GW		13-Nov-2024 08:35	14-Nov-2024 09:20	☐
HS24110873-12	MW-2-20241113	GW		13-Nov-2024 09:00	14-Nov-2024 09:20	☐
HS24110873-13	DUP-01	Water		13-Nov-2024 00:00	14-Nov-2024 09:20	☐
HS24110873-14	Trip Blank	Water	CG-082224 -59	13-Nov-2024 00:00	14-Nov-2024 09:20	☐

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
Work Order: HS24110873

CASE NARRATIVE

GCMS Volatiles by Method SW8260

Batch ID: R500476,R500490

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

WetChemistry by Method E300

Batch ID: R500779

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

ALS Houston, US

Date: 22-Nov-24

Client:GHD

Project:12603932 - A-7 Bettis Semi Annual

Sample ID:MW-12-20241113

Collection Date:13-Nov-2024 09:20

ANALYTICAL REPORT

WorkOrder:HS24110873

Lab ID:HS24110873-01

Matrix:GW

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP		
Benzene	ND	U	0.0010	mg/L	1	19-Nov-2024 18:57
Ethylbenzene	ND	U	0.0010	mg/L	1	19-Nov-2024 18:57
Toluene	ND	U	0.0010	mg/L	1	19-Nov-2024 18:57
Xylenes, Total	ND	U	0.0030	mg/L	1	19-Nov-2024 18:57
Surr: 1,2-Dichloroethane-d4	116		70-126	%REC	1	19-Nov-2024 18:57
Surr: 4-Bromofluorobenzene	100.0		77-113	%REC	1	19-Nov-2024 18:57
Surr: Dibromofluoromethane	113		77-123	%REC	1	19-Nov-2024 18:57
Surr: Toluene-d8	98.5		82-127	%REC	1	19-Nov-2024 18:57
ANIONS BY E300.0, REV 2.1, 1993		Method:E300		Analyst: TH		
Chloride	7,690		50.0	mg/L	100	22-Nov-2024 08:12

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-3-20241113	Lab ID:HS24110873-02
Collection Date:	13-Nov-2024 09:50	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	452		5.00	mg/L	10	22-Nov-2024 08:18

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-7-20241113	Lab ID:HS24110873-03
Collection Date:	13-Nov-2024 10:15	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	500		5.00	mg/L	10	22-Nov-2024 08:24

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-10-20241113	Lab ID:HS24110873-04
Collection Date:	13-Nov-2024 10:40	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	1,890		25.0	mg/L	50	22-Nov-2024 08:30

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-11-20241112	Lab ID:HS24110873-05
Collection Date:	12-Nov-2024 15:00	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	62.0		0.500	mg/L	1	22-Nov-2024 08:59

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-9-20241112	Lab ID:HS24110873-06
Collection Date:	12-Nov-2024 15:30	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	408		5.00	mg/L	10	22-Nov-2024 09:05

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-8-20241112	Lab ID:HS24110873-07
Collection Date:	12-Nov-2024 15:45	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	156		2.50	mg/L	5	22-Nov-2024 12:01

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-6-20241112	Lab ID:HS24110873-08
Collection Date:	12-Nov-2024 16:15	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	152		2.50	mg/L	5	22-Nov-2024 11:43

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-1-20241112	Lab ID:HS24110873-09
Collection Date:	12-Nov-2024 16:30	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	183		5.00	mg/L	10	22-Nov-2024 09:35

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-5-20241112	Lab ID:HS24110873-10
Collection Date:	13-Nov-2024 08:10	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	159		5.00	mg/L	10	22-Nov-2024 09:40

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-4-20241113	Lab ID:HS24110873-11
Collection Date:	13-Nov-2024 08:35	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	170		5.00	mg/L	10	22-Nov-2024 09:46

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

ALS Houston, US

Date: 22-Nov-24

Client:	GHD	ANALYTICAL REPORT
Project:	12603932 - A-7 Bettis Semi Annual	WorkOrder:HS24110873
Sample ID:	MW-2-20241113	Lab ID:HS24110873-12
Collection Date:	13-Nov-2024 09:00	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	268		5.00	mg/L	10	22-Nov-2024 09:52

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

Client:GHD

Project:12603932 - A-7 Bettis Semi Annual

Sample ID:DUP-01

Collection Date:13-Nov-2024 00:00

ANALYTICAL REPORT

WorkOrder:HS24110873

Lab ID:HS24110873-13

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP		
Benzene	ND	U	0.0010	mg/L	1	20-Nov-2024 04:23
Ethylbenzene	ND	U	0.0010	mg/L	1	20-Nov-2024 04:23
Toluene	ND	U	0.0010	mg/L	1	20-Nov-2024 04:23
Xylenes, Total	ND	U	0.0030	mg/L	1	20-Nov-2024 04:23
Surr: 1,2-Dichloroethane-d4	111		70-126	%REC	1	20-Nov-2024 04:23
Surr: 4-Bromofluorobenzene	98.1		77-113	%REC	1	20-Nov-2024 04:23
Surr: Dibromofluoromethane	106		77-123	%REC	1	20-Nov-2024 04:23
Surr: Toluene-d8	99.9		82-127	%REC	1	20-Nov-2024 04:23

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

Client:GHD

Project:12603932 - A-7 Bettis Semi Annual

Sample ID:Trip Blank

Collection Date:13-Nov-2024 00:00

ANALYTICAL REPORT

WorkOrder:HS24110873

Lab ID:HS24110873-14

Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW LEVEL VOLATILES BY SW8260C		Method:SW8260		Analyst: AKP		
Benzene	ND	U	0.0010	mg/L	1	20-Nov-2024 02:13
Ethylbenzene	ND	U	0.0010	mg/L	1	20-Nov-2024 02:13
Toluene	ND	U	0.0010	mg/L	1	20-Nov-2024 02:13
Xylenes, Total	ND	U	0.0030	mg/L	1	20-Nov-2024 02:13
Surr: 1,2-Dichloroethane-d4	107		70-126	%REC	1	20-Nov-2024 02:13
Surr: 4-Bromofluorobenzene	98.5		77-113	%REC	1	20-Nov-2024 02:13
Surr: Dibromofluoromethane	104		77-123	%REC	1	20-Nov-2024 02:13
Surr: Toluene-d8	98.6		82-127	%REC	1	20-Nov-2024 02:13

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

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: R500476 (0)		Test Name : LOW LEVEL VOLATILES BY SW8260C			Matrix: GW	
HS24110873-01	MW-12-20241113	13 Nov 2024 09:20			19 Nov 2024 18:57	1
Batch ID: R500490 (0)		Test Name : LOW LEVEL VOLATILES BY SW8260C			Matrix: Water	
HS24110873-13	DUP-01	13 Nov 2024 00:00			20 Nov 2024 04:23	1
HS24110873-14	Trip Blank	13 Nov 2024 00:00			20 Nov 2024 02:13	1
Batch ID: R500779 (0)		Test Name : ANIONS BY E300.0, REV 2.1, 1993			Matrix: GW	
HS24110873-01	MW-12-20241113	13 Nov 2024 09:20			22 Nov 2024 08:12	100
HS24110873-02	MW-3-20241113	13 Nov 2024 09:50			22 Nov 2024 08:18	10
HS24110873-03	MW-7-20241113	13 Nov 2024 10:15			22 Nov 2024 08:24	10
HS24110873-04	MW-10-20241113	13 Nov 2024 10:40			22 Nov 2024 08:30	50
HS24110873-05	MW-11-20241112	12 Nov 2024 15:00			22 Nov 2024 08:59	1
HS24110873-06	MW-9-20241112	12 Nov 2024 15:30			22 Nov 2024 09:05	10
HS24110873-07	MW-8-20241112	12 Nov 2024 15:45			22 Nov 2024 12:01	5
HS24110873-08	MW-6-20241112	12 Nov 2024 16:15			22 Nov 2024 11:43	5
HS24110873-09	MW-1-20241112	12 Nov 2024 16:30			22 Nov 2024 09:35	10
HS24110873-10	MW-5-20241112	13 Nov 2024 08:10			22 Nov 2024 09:40	10
HS24110873-11	MW-4-20241113	13 Nov 2024 08:35			22 Nov 2024 09:46	10
HS24110873-12	MW-2-20241113	13 Nov 2024 09:00			22 Nov 2024 09:52	10

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

QC BATCH REPORT

Batch ID: R500476 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C					
MBLK	Sample ID: VBLKW-241119	Units: ug/L		Analysis Date: 19-Nov-2024 15:04					
Client ID:	Run ID: VOA4_500476	SeqNo: 8535705		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	ND	1.0							U
Ethylbenzene	ND	1.0							U
Toluene	ND	1.0							U
Xylenes, Total	ND	3.0							U
Surr: 1,2-Dichloroethane-d4	53.54	1.0	50	0	107	70 - 123			
Surr: 4-Bromofluorobenzene	49.55	1.0	50	0	99.1	77 - 113			
Surr: Dibromofluoromethane	53.19	1.0	50	0	106	73 - 126			
Surr: Toluene-d8	49.95	1.0	50	0	99.9	81 - 120			

LCS	Sample ID: VLCSW-241119	Units: ug/L		Analysis Date: 19-Nov-2024 13:59					
Client ID:	Run ID: VOA4_500476	SeqNo: 8535703		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.91	1.0	20	0	89.6	74 - 120			
Ethylbenzene	17.09	1.0	20	0	85.4	77 - 117			
Toluene	17.05	1.0	20	0	85.2	77 - 118			
Xylenes, Total	54.39	3.0	60	0	90.6	75 - 122			
Surr: 1,2-Dichloroethane-d4	52.4	1.0	50	0	105	70 - 123			
Surr: 4-Bromofluorobenzene	52.04	1.0	50	0	104	77 - 113			
Surr: Dibromofluoromethane	51.39	1.0	50	0	103	73 - 126			
Surr: Toluene-d8	50.29	1.0	50	0	101	81 - 120			

LCSD	Sample ID: VLCSDW-241119	Units: ug/L		Analysis Date: 19-Nov-2024 14:20					
Client ID:	Run ID: VOA4_500476	SeqNo: 8535704		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.64	1.0	20	0	88.2	74 - 120	17.91	1.57	20
Ethylbenzene	17.19	1.0	20	0	86.0	77 - 117	17.09	0.62	20
Toluene	17.03	1.0	20	0	85.2	77 - 118	17.05	0.0973	20
Xylenes, Total	54.01	3.0	60	0	90.0	75 - 122	54.39	0.69	20
Surr: 1,2-Dichloroethane-d4	52.04	1.0	50	0	104	70 - 123	52.4	0.7	20
Surr: 4-Bromofluorobenzene	52.15	1.0	50	0	104	77 - 113	52.04	0.219	20
Surr: Dibromofluoromethane	51.13	1.0	50	0	102	73 - 126	51.39	0.512	20
Surr: Toluene-d8	50.85	1.0	50	0	102	81 - 120	50.29	1.1	20

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

QC BATCH REPORT

Batch ID: R500476 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C					
MS		Sample ID: HS24110873-09MS		Units: ug/L		Analysis Date: 19-Nov-2024 22:57			
Client ID: MW-1-20241112		Run ID: VOA4_500476		SeqNo: 8535726		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	19.51	1.0	20	0.4148	95.5	70 - 127			
Ethylbenzene	19.03	1.0	20	0	95.2	70 - 124			
Toluene	19.06	1.0	20	0	95.3	70 - 123			
Xylenes, Total	58.79	3.0	60	0	98.0	70 - 130			
Surr: 1,2-Dichloroethane-d4	54.87	1.0	50	0	110	70 - 126			
Surr: 4-Bromofluorobenzene	51.7	1.0	50	0	103	77 - 113			
Surr: Dibromofluoromethane	52.17	1.0	50	0	104	77 - 123			
Surr: Toluene-d8	52.24	1.0	50	0	104	82 - 127			

MSD		Sample ID: HS24110873-09MSD		Units: ug/L		Analysis Date: 19-Nov-2024 23:18			
Client ID: MW-1-20241112		Run ID: VOA4_500476		SeqNo: 8535727		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.49	1.0	20	0.4148	90.4	70 - 127	19.51	5.4	20
Ethylbenzene	17.38	1.0	20	0	86.9	70 - 124	19.03	9.1	20
Toluene	17.47	1.0	20	0	87.4	70 - 123	19.06	8.68	20
Xylenes, Total	54.74	3.0	60	0	91.2	70 - 130	58.79	7.14	20
Surr: 1,2-Dichloroethane-d4	54.57	1.0	50	0	109	70 - 126	54.87	0.555	20
Surr: 4-Bromofluorobenzene	52.62	1.0	50	0	105	77 - 113	51.7	1.77	20
Surr: Dibromofluoromethane	52.31	1.0	50	0	105	77 - 123	52.17	0.265	20
Surr: Toluene-d8	51.23	1.0	50	0	102	82 - 127	52.24	1.95	20

The following samples were analyzed in this batch: HS24110873-01

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

QC BATCH REPORT

Batch ID: R500490 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C					
MBLK	Sample ID: VBLKW-241119	Units: ug/L		Analysis Date: 20-Nov-2024 01:51					
Client ID:	Run ID: VOA4_500490	SeqNo: 8535889		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	ND	1.0							U
Ethylbenzene	ND	1.0							U
Toluene	ND	1.0							U
Xylenes, Total	ND	3.0							U
Surr: 1,2-Dichloroethane-d4	53.98	1.0	50	0	108	70 - 123			
Surr: 4-Bromofluorobenzene	49.43	1.0	50	0	98.9	77 - 113			
Surr: Dibromofluoromethane	53.08	1.0	50	0	106	73 - 126			
Surr: Toluene-d8	48.6	1.0	50	0	97.2	81 - 120			

LCS	Sample ID: VLCSW-241119	Units: ug/L		Analysis Date: 20-Nov-2024 00:46					
Client ID:	Run ID: VOA4_500490	SeqNo: 8535887		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.96	1.0	20	0	94.8	74 - 120			
Ethylbenzene	17.65	1.0	20	0	88.2	77 - 117			
Toluene	17.8	1.0	20	0	89.0	77 - 118			
Xylenes, Total	55.18	3.0	60	0	92.0	75 - 122			
Surr: 1,2-Dichloroethane-d4	52.57	1.0	50	0	105	70 - 123			
Surr: 4-Bromofluorobenzene	51.49	1.0	50	0	103	77 - 113			
Surr: Dibromofluoromethane	51.21	1.0	50	0	102	73 - 126			
Surr: Toluene-d8	51.14	1.0	50	0	102	81 - 120			

LCSD	Sample ID: VLCSDW-241119	Units: ug/L		Analysis Date: 20-Nov-2024 01:07					
Client ID:	Run ID: VOA4_500490	SeqNo: 8535888		PrepDate:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.26	1.0	20	0	86.3	74 - 120	18.96	9.38	20
Ethylbenzene	16.72	1.0	20	0	83.6	77 - 117	17.65	5.41	20
Toluene	16.69	1.0	20	0	83.5	77 - 118	17.8	6.43	20
Xylenes, Total	52.05	3.0	60	0	86.8	75 - 122	55.18	5.84	20
Surr: 1,2-Dichloroethane-d4	53.39	1.0	50	0	107	70 - 123	52.57	1.55	20
Surr: 4-Bromofluorobenzene	52.29	1.0	50	0	105	77 - 113	51.49	1.54	20
Surr: Dibromofluoromethane	51.67	1.0	50	0	103	73 - 126	51.21	0.899	20
Surr: Toluene-d8	52.14	1.0	50	0	104	81 - 120	51.14	1.93	20

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

QC BATCH REPORT

Batch ID: R500490 (0)		Instrument: VOA4		Method: LOW LEVEL VOLATILES BY SW8260C					
MS		Sample ID: HS24110920-07MS		Units: ug/L		Analysis Date: 20-Nov-2024 09:28			
Client ID:		Run ID: VOA4_500490		SeqNo: 8535910		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	18.8	1.0	20	0	94.0	70 - 127			
Ethylbenzene	17.98	1.0	20	0.8702	85.5	70 - 124			
Toluene	18.11	1.0	20	0	90.5	70 - 123			
Xylenes, Total	56.84	3.0	60	0	94.7	70 - 130			
Surr: 1,2-Dichloroethane-d4	52.09	1.0	50	0	104	70 - 126			
Surr: 4-Bromofluorobenzene	51.68	1.0	50	0	103	77 - 113			
Surr: Dibromofluoromethane	49.86	1.0	50	0	99.7	77 - 123			
Surr: Toluene-d8	51.23	1.0	50	0	102	82 - 127			

MSD		Sample ID: HS24110920-07MSD		Units: ug/L		Analysis Date: 20-Nov-2024 09:50			
Client ID:		Run ID: VOA4_500490		SeqNo: 8535911		PrepDate:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
Benzene	17.97	1.0	20	0	89.8	70 - 127	18.8	4.53	20
Ethylbenzene	17.3	1.0	20	0.8702	82.1	70 - 124	17.98	3.87	20
Toluene	17.27	1.0	20	0	86.3	70 - 123	18.11	4.75	20
Xylenes, Total	55.21	3.0	60	0	92.0	70 - 130	56.84	2.91	20
Surr: 1,2-Dichloroethane-d4	51.72	1.0	50	0	103	70 - 126	52.09	0.724	20
Surr: 4-Bromofluorobenzene	51.9	1.0	50	0	104	77 - 113	51.68	0.439	20
Surr: Dibromofluoromethane	50.04	1.0	50	0	100	77 - 123	49.86	0.356	20
Surr: Toluene-d8	51.1	1.0	50	0	102	82 - 127	51.23	0.245	20

The following samples were analyzed in this batch: HS24110873-13 HS24110873-14

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

QC BATCH REPORT

Batch ID: R500779 (0)		Instrument: ICS-Integrion		Method: ANIONS BY E300.0, REV 2.1, 1993					
MBLK	Sample ID: MBLK	Units: mg/L		Analysis Date: 22-Nov-2024 07:31					
Client ID:	Run ID: ICS-Integrion_500779		SeqNo: 8546703		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	ND	0.500							U
LCS	Sample ID: LCS	Units: mg/L		Analysis Date: 22-Nov-2024 07:43					
Client ID:	Run ID: ICS-Integrion_500779		SeqNo: 8546704		PrepDate:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	19.98	0.500	20	0	99.9	90 - 110			
MS	Sample ID: HS24110873-08MS	Units: mg/L		Analysis Date: 22-Nov-2024 11:55					
Client ID: MW-6-20241112	Run ID: ICS-Integrion_500779		SeqNo: 8546734		PrepDate:		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	201.8	2.50	50	152.5	98.6	80 - 120			
MS	Sample ID: HS24110873-08MS	Units: mg/L		Analysis Date: 22-Nov-2024 11:49					
Client ID: MW-6-20241112	Run ID: ICS-Integrion_500779		SeqNo: 8546733		PrepDate:		DF: 5		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	201.8	2.50	50	152.5	98.6	80 - 120			
MS	Sample ID: HS24110710-01MS	Units: mg/L		Analysis Date: 22-Nov-2024 07:55					
Client ID:	Run ID: ICS-Integrion_500779		SeqNo: 8546706		PrepDate:		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	1234	50.0	1000	206.8	103	80 - 120			
MSD	Sample ID: HS24110710-01MSD	Units: mg/L		Analysis Date: 22-Nov-2024 08:01					
Client ID:	Run ID: ICS-Integrion_500779		SeqNo: 8546707		PrepDate:		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit Qual
Chloride	1237	50.0	1000	206.8	103	80 - 120	1234	0.194	20
The following samples were analyzed in this batch:									
HS24110873-01		HS24110873-02		HS24110873-03		HS24110873-04			
HS24110873-05		HS24110873-06		HS24110873-07		HS24110873-08			
HS24110873-09		HS24110873-10		HS24110873-11		HS24110873-12			

ALS Houston, US

Date: 22-Nov-24

Client: GHD
Project: 12603932 - A-7 Bettis Semi Annual
WorkOrder: HS24110873

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	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 Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
mg/L	Milligrams per Liter

ALS Houston, US

Date: 22-Nov-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

ALS Houston, US

Date: 22-Nov-24

Sample Receipt Checklist

Work Order ID: HS24110873

Date/Time Received: 14-Nov-2024 09:20

Client Name: GHD Albuquerque

Received by: Rajen Giga

Completed By: /S/ Kaycee Rogers	14-Nov-2024 23:26	Reviewed by: /S/ Alexis Dorenbosch	15-Nov-2024 10:36
eSignature	Date/Time	eSignature	Date/Time

Matrices: WCarrier name: FedEx

Shipping container/cooler in good condition?

Yes ☒No ☐Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒No ☐Not Present ☐

Custody seals intact on sample bottles?

Yes ☐No ☐Not Present ☒

VOA/TX1005/TX1006 Solids in hermetically sealed vials?

Yes ☐No ☐Not Present ☒

Chain of custody present?

Yes ☒No ☐

2 Page(s)

Chain of custody signed when relinquished and received?

Yes ☒No ☐

COC IDs:317696, 317699

Samplers name present on COC?

Yes ☒No ☐

Chain of custody agrees with sample labels?

Yes ☒No ☐

Samples in proper container/bottle?

Yes ☒No ☐

Sample containers intact?

Yes ☒No ☐

Sufficient sample volume for indicated test?

Yes ☒No ☐

All samples received within holding time?

Yes ☒No ☐

Container/Temp Blank temperature in compliance?

Yes ☒No ☐

Temperature(s)/Thermometer(s):

3.5UC/3.5C

IR 34

Cooler(s)/Kit(s):

RED

Date/Time sample(s) sent to storage:

11/14/2024 1126

Water - VOA vials have zero headspace?

Yes ☒No ☐No VOA vials submitted ☐

Water - pH acceptable upon receipt?

Yes ☐No ☐N/A ☒

pH adjusted?

Yes ☐No ☐N/A ☒

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

Corrective Action:

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+1 970 490 1511Holland, MI
+1 616 399 6070

Chain of Custody Form

Page 1 of 2

COC ID: 317696

HS24110873

WV

GHD

12603932 - A-7 Bettis Semi Annual



Customer Information		ALS Project Manager:	
Purchase Order	12603932 - E-19002-GS-26050005	Project Name	12603932 - A-7 Bettis Semi Annual
Work Order		Project Number	12603932
Company Name	GHD Deedee Whittington	Bill To Company	ETC Texas Pipeline, LTD
Send Report To	Blair Owen	Invoice Attn	ETC Pipeline A/P
Address	11451 Katy Fwy Suite 400	Address	1300 Main Street
City/State/Zip	Houston, TX 77079	City/State/Zip	Houston TX 77002
Phone	(561) 339-3572	Phone	
Fax	deedee.whittington@ghd.com	Fax	
e-Mail Address	blair.owen@ghd.com	e-Mail Address	apinvoicessp.mailbox@energytransfer.com

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-12-2024 11/13	11/13	9:20	GW	2, 8	4	X	X									
2	MW-3-2024 11/13	11/13	9:50	GW	2, 8	4	X	X									
3	MW-7-2024 11/13	11/13	10:15	GW	2, 8	4	X	X									
4	MW-10-2024 11/13	11/13	10:40	GW	2, 8	4	X	X									
5																	
6																	
7																	
8																	
9	See Pg 2																
0																	

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)		Results Due Date:	
Blair Owen		Fedex		☒ STC 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour			
Relinquished by:		Date:	Time:	Received by:		Notes:	
Blair Owen		11/13	16:20	R. C. C. 11/14/24 09:20		12603932 - A-7 Bettis	
Relinquished by:		Date:	Time:	Received by (Laboratory):		Cooler ID	
						REP	
Signed by (Laboratory):		Date:	Time:	Checked by (Laboratory):		Cooler Temp.	
						3.5C	
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035				QC Package: (Check One Box Below)			
				☒ Level II Std QC ☐ Level III Std QC/Raw Data ☐ Level IV SW846/CLP ☐ Other			
				☐ TRRP Checklist ☐ TRRP Level IV			

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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+1 425 356 2600Fort Collins, CO
+1 970 490 1511Holland, MI
+1 616 399 6070

Chain of Custody Form

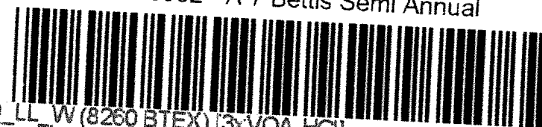
Page 2 of 2

COC ID: 317699

HS24110873

GHD

12603932 - A-7 Bettis Semi Annual



Customer Information				ALS Project Manager:				Project Information												
Purchase Order	E-19902-GL-21300014 Stacy Boul			Project Name	12603932 - SU C-6 2024			A	8260_LL_W (8260 BTEx) [3xVOA, HCl]											
Work Order				Project Number	12603932			B	300_W (300 Cl) [120ml P Neat]											
Company Name	GHD			Bill To Company	Energy Transfer			C	8260_LL_W (Trip Blank: 8260 BTEx) [2xVOA HCl]											
Send Report To	Blair Owen			Invoice Attn	Stacy Boultinghouse			D												
Address	11451 Katy Fwy Suite 400			Address	P.O Box 132400			E	See											
City/State/Zip	Houston, TX 77079			City/State/Zip	Dallas TX 75313			F	PG 1											
Phone	(713) 734-3090			Phone				G												
Fax	(713) 734-3391			Fax				H												
e-Mail Address	blair.owen@ghd.com			e-Mail Address	Stacy.Boultinghouse@energytransfer.co			I												

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-11-20241112	11/12	15:00	GW	2, 8	4	X	X									
2	MW-9-20241112	11/12	15:30	GW	2, 8	4	X	X									
3	MW-8-20241112	11/12	15:45	GW	2, 8	4	X	X									
4	MW-6-20241112	11/12	16:15	GW	2, 8	4	X	X									
5	MW-2-20241112	11/12	16:30	GW	2, 8	4	X	X									
6	MW-5-20241113	11/13	8:10	GW	2, 8	4	X	X									
7	MW-4-20241113	11/13	8:35	GW	2, 8	4	X	X									
8	MW-2-20241113	11/13	9:00	GW	2, 8	4	X	X									
9	DUP-02	11/13		GW	2, 8	4	X	X									
0	TRIP Blank			GW	2, 8	3	X										

Shipment Method				Required Turnaround Time: (Check Box)				Results Due Date:			
				☒ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour							
Relinquished by: _____ Date: _____ Time: _____ Relinquished by: _____ Date: _____ Time: _____ Signed by (Laboratory): _____ Date: _____ Time: _____				Received by: _____ Received by (Laboratory): _____ Checked by (Laboratory): _____				Notes: ETC O-6 Lea County Cooler ID: R20 Cooler Temp: 3.5C QC Package: (Check One Box Below) ☒ Level II Std QC ☐ TRRP Checklist ☐ Level III Std QC/Raw Data ☐ TRRP Level IV ☐ Level IV SW846/CLP ☐ Other: _____			

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

1234 C600

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 3. The Chain of Custody is a legal document. All information must be completed accurately.

	ALS 10450 Starlink Rd. Suite 210 Houston, Texas 77054 Tel. +1 281 530 5858 Fax. +1 281 530 5887	CUSTODY SEAL		Seal Broken By:
	Date: 11/13	Time: 16:20	Date:	
	Name: Hunter Johnson			
	Company: GHD			

TRK# 0221	7386 7926 8987	RETURNS MON-SAT PRIORITY OVERNIGHT
FedEx TRK# 0221	7386 7926 8987	THU - 14 NOV 10:30A PRIORITY OVERNIGHT
AB SGRA		77099 TX-US IAH
		EXP 04/25



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 488805

CONDITIONS

Operator: ET Gathering & Processing, LLC 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 488805
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	OCD records indicate that an approved Stage 2 plan is not on file. Pursuant to 19.15.30 NMAC ET Gathering and Processing LLC(ET Gathering) must submit a Stage 2 Abatement plan no later than January 19, 2026, that meets all of the requirements of 19.15.30.13 NMAC.	10/14/2025
shanna.smith	Alternatively, if a Stage 2 Abatement Report has been approved by OCD, provide a copy of the Stage 2 Abatement Report by November 14, 2025, so OCD can update our Online records.	10/14/2025
shanna.smith	Pursuant to 19.15.30.9 D NMAC monitor well MW-12 does not have eight consecutive quarterly samples. Quarterly monitor and sample MW-12 for BTEX EPA 8260 Method and Chlorides.	10/14/2025
shanna.smith	Quarterly monitor and sample for chlorides in monitor wells MW-2, MW-3, MW-7, MW-9, MW-10.	10/14/2025
shanna.smith	Semi-annual monitor and sample for chlorides in monitor wells MW-1, MW-4, MW-5, MW-6, MW-8, and MW-11.	10/14/2025
shanna.smith	Pursuant to 19.15.30.13 NMAC submit quarterly monitoring and sampling reports.	10/14/2025
shanna.smith	Pursuant to 19.15.30.13 C NMAC Release site will have vertical and horizontal extent and magnitude of vadose zone and groundwater contamination. Contaminate groundwater plume is not delineated.	10/14/2025
shanna.smith	Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with an OCD, federal, state, or local laws and/or regulations.	10/14/2025