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August 10, 2026

Hilcorp Energy Company  
Attn: Mr. Billy Ginn  
Environmental Specialist  
1201 Louisiana Street  
Houston, Texas 77002

**Re: 2025 First (1<sup>st</sup>) Semi-Annual (January to June) Groundwater Monitoring Report  
State C Tract 13  
Unit Letter E, Sec 36, T21S, R37E  
GPS Coordinates: 32.43830°N, -103.12155°W  
Lea County, New Mexico  
NMOCD Release Number: nAPM2326552978/IRP-389**

## **1. Introduction**

New Tech Global Environmental, LLC (NTGE) on behalf of Hilcorp Energy Company (Hilcorp), has prepared this 2025 First (1<sup>st</sup>) Semi-Annual Groundwater Monitoring Report for submittal to the New Mexico Oil Conservation Division (NMOCD) District 1 in Hobbs, and Santa Fe, New Mexico. This report presents the 2025 first (1<sup>st</sup>) semi-annual quarterly laboratory analysis of groundwater samples collected from the six (6) monitor wells (MW-1 through MW-6) and one (1) recovery well (RW-1) located in Unit Letter E, Section 36, Township 21 South, Range 37 East, in Lea County, New Mexico. The geodetic position is latitude 32.43830° N, longitude -103.12155° W. See Figures 1 and 2 for Site Location and Topographic Maps.

## **2. Background**

Between November 19, 2002, and September 10, 2004, Eco Drilling Services under supervision from Safety & Environmental Solutions, Inc. (SESI), drilled and installed six (6) monitoring wells (MW-1 through MW-6) at the Site. The wells were drilled between 54.71 feet below ground surface (bgs) at MW-3 and 72.21 feet bgs at MW-1. The wells were completed with 2-inch schedule 40 PVC casing and approximately twenty (20) feet 0.010-inch slotted screen. SESI personnel collected groundwater samples from the wells which were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), cations (sodium, calcium, magnesium, and potassium), anions (chloride, sulfate, carbonate, calcium carbonate) and total dissolved solids (TDS). SESI documented the investigation and remediation in the report titled, "*Apache Corporation State C, Tract 13 Site Investigation, Section 36, Township 21S, Range 37E, Lea County, New Mexico, March 10, 2003*".

On July 21, 2021, Scarborough Drilling, Inc. (SDI) under Larson and Associates (LAI) supervision, installed a recovery well (RW-1) southeast (downgradient) from the pit where SESI excavated approximately 1,104 cubic yards of soil to a depth of fourteen (14) ft bgs. A 40-mil thick liner was placed at the bottom of the excavation and covered with soil to ground surface. The recovery well was drilled to approximately 69.25 ft bgs and completed with five (5) inch non-threaded schedule 40 PVC casing with approximately 29.55 ft of 0.02-inch factory slotted screen. The screen was positioned above and below the groundwater level observed during drilling. Graded silica sand was placed around the screen to about two (2) ft above the screen. The remaining annulus above the screen was filled to approximately 1-foot bgs with bentonite chips and hydrated with potable water. West Companies, Midland, Texas, a State of New Mexico Licensed Professional Land Surveyor (LPS Number 213263) surveyed the monitoring and recovery wells for geodetic position, along

Mr. Billy Ginn  
January 19, 2026  
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with ground and top of casing (TOC) elevation.

In June 2025, Apache sold the property to Hilcorp. Once the property was transferred to Hilcorp it was discovered that the site had not been sampled since December of 2023. During the initial assessment of the property in June 2025, it was discovered the site also had a Marlo Reverse Osmosis system which appears to have been installed in 2023. However, in talks with Apache they indicated the site had been vandalized with components of the system and installed recovery pump in RW-1 having been stripped and the system shut-in since late 2023. No details on amount of recovered or treated water were found for the system. However, the site does have a current WR-07 permit (CP 01916) for recovery and treatment of groundwater, which became active on July 11, 2022, with expiration set for July 11, 2027. In accordance with the permit the system is allowed to recover a maximum of ten (10) gallons per minute (gpm) with treated RO water injected back into monitor well MW-1 at a rate of between 4.6 and 6.7 gpm. See attached permit in Appendix A for details.

As of this report, the system along with the pump located in RW-1 are not in working condition. It is Hilcorp's intention to install a new pump by end of the year (for recovery and sampling purposes) and have the RO system working by early 2026. Should the RO system not be repairable, Hilcorp may request from the New Mexico Office of State Engineers (NMOSE) an amendment to the permit for total recovered fluids from RW-1 with disposal at an approved Saltwater Disposal (SWD) facility.

### **3. Groundwater Monitoring and Sampling Procedures**

NTGE was onsite to complete the groundwater gauging and sampling event on June 25, 2025 (Sampling event for March 2025 was not completed by Apache Corporation prior to the sale to Hilcorp). All six (6) monitor wells (MW-1 through MW-6) were gauged, purged, and sampled in accordance with all appropriate local, state, and federal regulations. Recovery well (RW-1) was gauged but not able to be sampled since a non-working pump was stuck in the well and will need replacement. Prior to sampling, the wells were gauged to determine depth to static groundwater and measure Light Non-Aqueous Phase Liquids (LNAPL), if any. A minimum of three (3) well volumes (or wells bailed dry) were purged from each of the monitor wells utilizing a new polyethylene bailer with the purge water placed into onsite fifty-five (55) gallon barrel steel drums. Once the groundwater was allowed to recharge to within 90% of the original gauging depth, samples were collected from each of the monitor wells with new disposal poly bailers and twine and placed into preserved laboratory provided sample containers. The six (6) groundwater samples were placed on ice and transported to Eurofins Laboratory of Midland, Texas for analysis of BTEX by EPA Method 8260B, chlorides and Nitrate as N by EPA Method 300.0, and TDS by SM2540C.

### **4. Groundwater Gradient**

On June 25, 2025, NTGE was onsite to gauge each of the six (6) monitor wells and one (1) recovery well (RW-1). Monitor well MW-2 was dry and has been dry since September 7, 2023. See Figure 3 for site monitoring well locations. Utilizing a water level indicator each of the wells were gauged from a mark on the north side of the well casing to depth of first encountered groundwater and the bottom of the well. The corrected groundwater depth was then calculated, and a gradient map developed. Figure 4 indicates the groundwater gradient at the site is to the southeast towards monitor well MW-6 with pooling around monitor well MW-3.

### **5. Groundwater Sampling Results**

Analytical results indicated all samples were below the NMWQCC standards for BTEX and Nitrates as N. The chlorides exceeded the NMWQCC standard of 250 mg/L for monitoring wells MW-1 (342 mg/L), MW-

Mr. Billy Ginn  
January 19, 2026  
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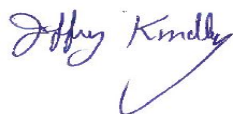
3 (7,290 mg/L), and MW-4 (1,310 mg/L), while the TDS exceeded the NMWQCC standard of 1,000 mg/L for monitor wells MW-1 (1,220 mg/L), MW-3 (15,800 mg/L), MW-4 (3,740 mg/L) and MW-5 (1,000 mg/L). Recovery well RW-1 was not sampled since a pump was stuck in the well and not working. All other samples were below NMWQCC standards. See Table 2 for groundwater analytical results along with Figure 5, Dissolved Concentration Map. See Appendix B for laboratory analytical results.

## **6. Conclusions and Recommendations**

Based on the current groundwater results, the site gradient appears to be southeast towards monitoring well MW-6 with analytical results above the NMWQCC standards for chlorides in monitor wells MW-1, MW-3, and MW-4 while TDS was above NMWQCC standards for monitor wells MW-1 and MW-3 through MW-5. All remaining analytes are below the NMWQCC standards. NTGE suggests continuing quarterly sampling of the site with reinstallation of a new pump in RW-1 and troubleshooting the RO system for upgrades if feasible.

If you have any questions regarding this report or need additional information, please contact us at 432-766-1918.

Sincerely,  
**NTG Environmental**



Jeff Kindley, P.G  
Senior Project Manager/Geologist

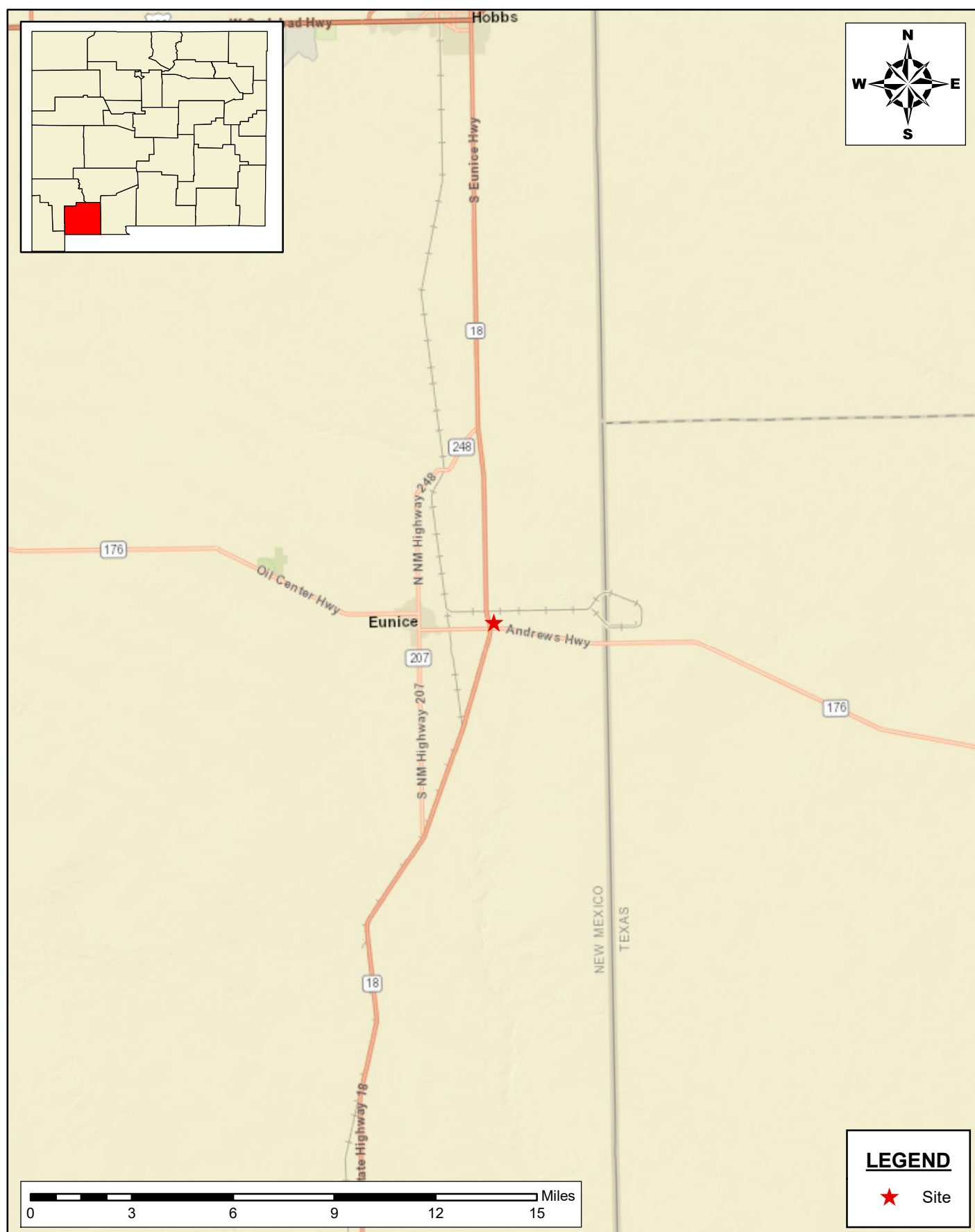
### Attachments:

- Figure 1 – Site Location Map
- Figure 2 – Topographic Map
- Figure 3 – Monitor Well Location Map
- Figure 4 – Groundwater Gradient Map (June 25, 2025)
- Figure 5 – Hydrocarbon Concentration Map (June 25, 2025)
- Table 1 – Groundwater Elevation Data
- Table 2 – Groundwater Analytical Data
- Appendix A: - Laboratory Analytical Reports and Chain-of-Custody Documentation

## **FIGURES**

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**SITE LOCATION MAP**  
**SITE CHARACTERIZATION**  
 HILCORP ENERGY  
 STATE C TRACT 13  
 LEA COUNTY, NEW MEXICO  
 32.438106° -103.12100°

**New Tech Global Environmental, LLC**  
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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

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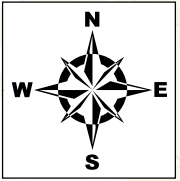
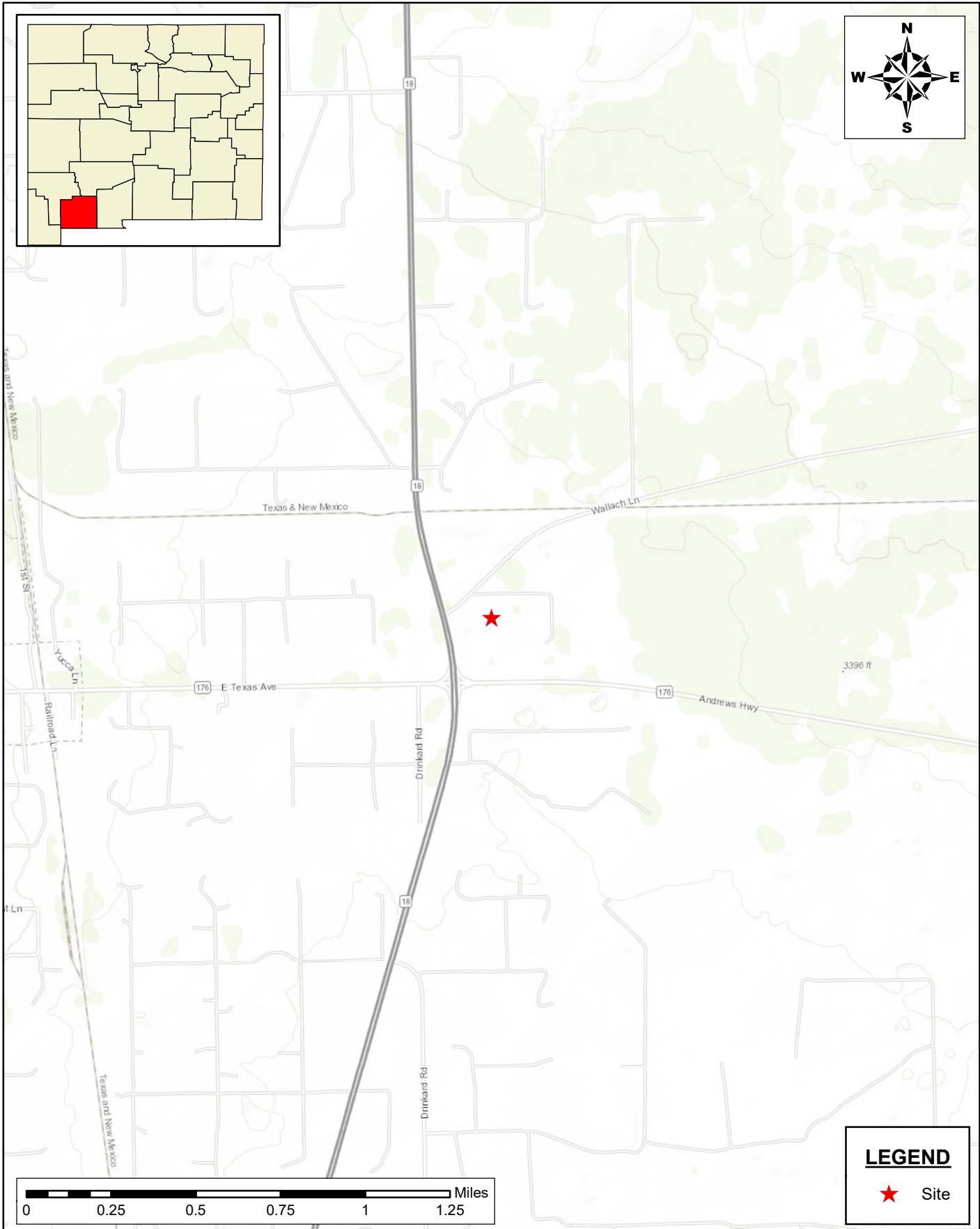
**FIGURE 1**

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**1 of 1**

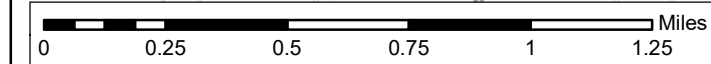
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**LEGEND**

★ Site



**TOPOGRAPHIC MAP  
SITE CHARACTERIZATION**  
 HILCORP ENERGY  
 STATE C TRACT 13  
 LEA COUNTY, NEW MEXICO  
 32.438106° -103.12100°

SCALE: As Shown    Date: 8/20/2025    PROJECT #: 2510086

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**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

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**FIGURE 2**  
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**LEGEND**

- Monitoring Well
- Recovery Well

**MONITOR WELL LOCATION MAP  
SITE ASSESSMENT REPORT**  
 HILCORP ENERGY  
 STATE C TRACT 13  
 LEA COUNTY, NEW MEXICO  
 32.438106° -103.12100°

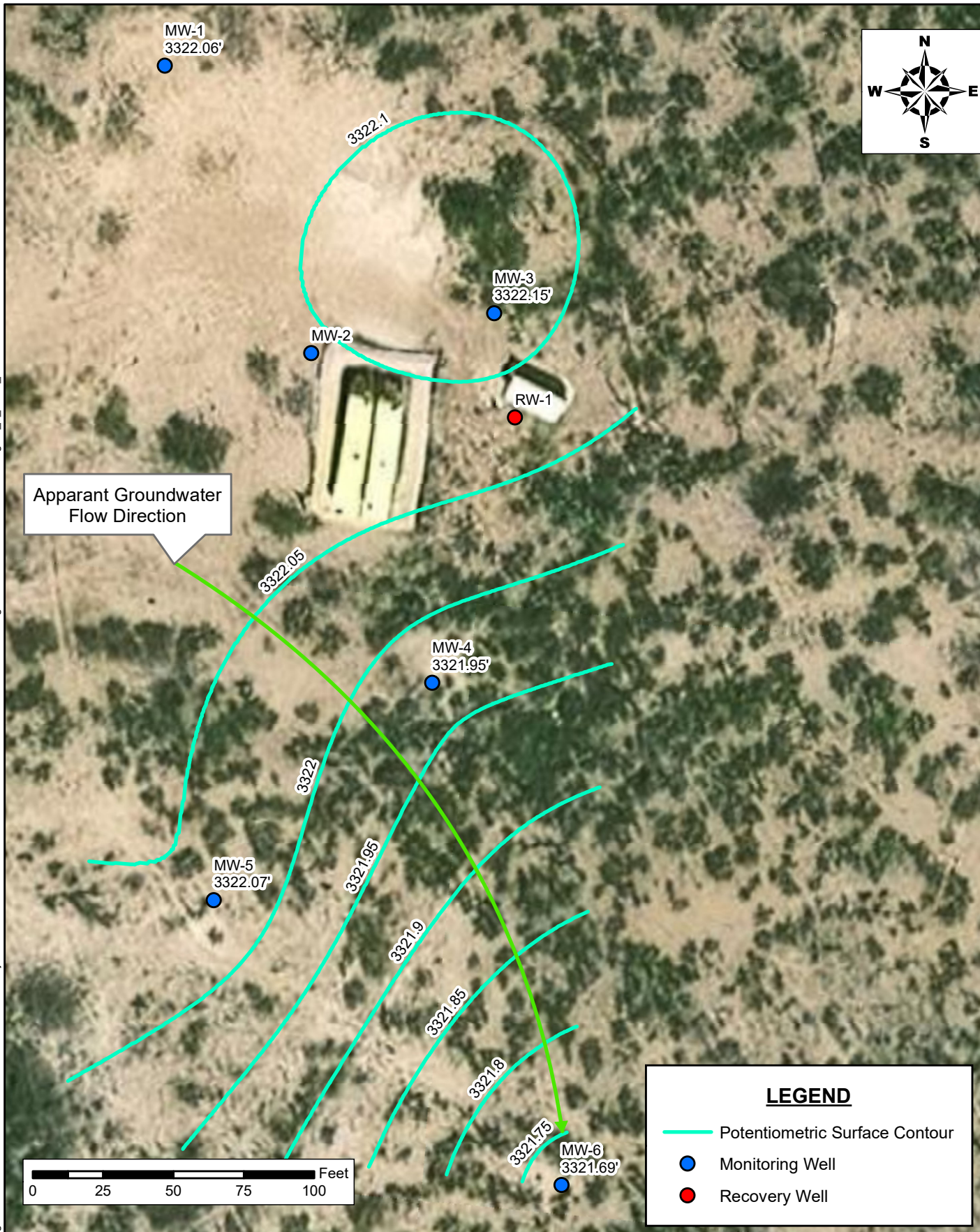
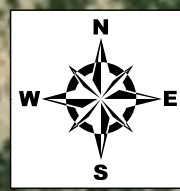
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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2017  
 2. Map Projection: NAD 1983

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**FIGURE 3**  
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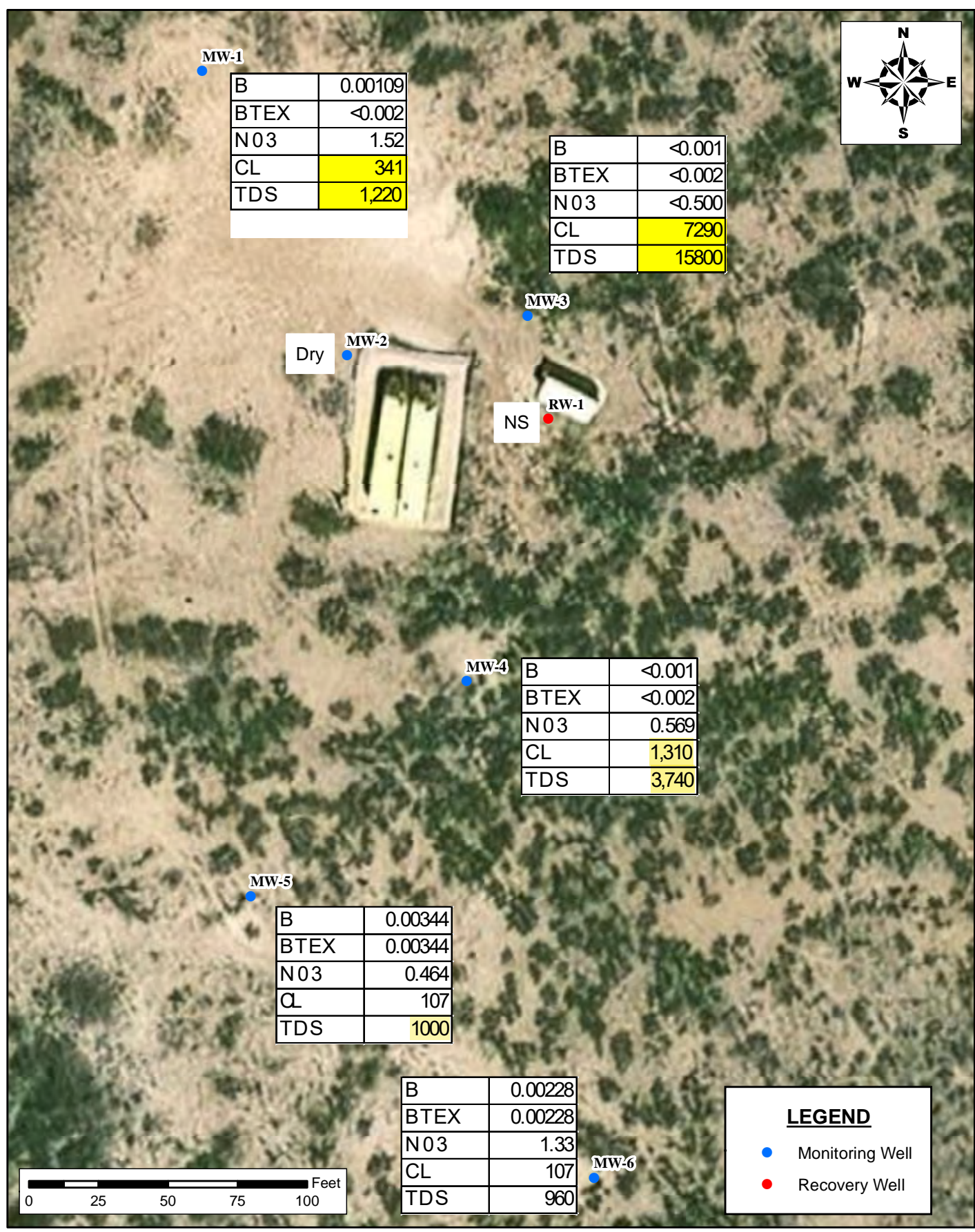
Apparant Groundwater Flow Direction

**LEGEND**

- Potentiometric Surface Contour
- Monitoring Well
- Recovery Well

<p><b>GROUNDWATER GRADIENT MAP SITE ASSESSMENT REPORT</b> HILCORP ENERGY STATE C TRACT 13 LEA COUNTY, NEW MEXICO 32.438106° -103.12100°</p>		 <p><b>New Tech Global Environmental, LLC</b> 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenvironmental.com</p>	<p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>1. Base Image: ESRI Maps &amp; Data 2017</li> <li>2. Map Projection: NAD 1983</li> <li>3. Gauged on 06/25/2025</li> </ol>	<p>DRAWING NUMBER: <b>FIGURE 4</b></p> <p>SHEET NUMBER: <b>1 of 1</b></p>
SCALE: AS SHOWN	DATE: 01/14/2026	PROJECT #: 2510088		

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**GROUNDWATER GRADIENT MAP  
SITE ASSESSMENT REPORT**  
HILCORP ENERGY  
STATE C TRACT 13  
LEA COUNTY, NEW MEXICO  
32.438106° -103.12100°



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**NOTES:**

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983
3. Results in mg/L
4. NS - Not Sampled
5. Sampled 06/25/2025
6. Yellow Exceeds NMWQCC Standards

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**FIGURE 4**

SHEET NUMBER:

**1 of 1**

## **TABLES**

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**Table 1**  
**Groundwater Gauging Data and Corrected Groundwater Depth**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Gauging Date	Top of Casing (ft)	Measured Depth To Groundwater (ft)	Measured Depth To LNAPL (ft)	Measured Thickness of LNAPL (ft)	Corrected Groundwater Depth (ft)
MW-1 Screen unknown	06/05/19	3,365.00	43.52	--	--	3,321.48
	07/21/20	3,365.00	43.60	--	--	3,321.40
	07/30/21	3,365.00	43.70	--	--	3,321.30
	08/10/21	3,365.00	43.66	--	--	3,321.34
	08/11/21	3,365.00	43.69	--	--	3,321.31
	03/03/22	3,365.00	43.37	--	--	3,321.63
	05/06/22	3,365.00	43.37	--	--	3,321.63
	08/18/22	3,365.00	43.48	--	--	3,321.52
	12/16/22	3,365.00	43.44	--	--	3,321.56
	03/13/23	3,365.00	43.27	--	--	3,321.73
	06/07/23	3,365.00	43.15	--	--	3,321.85
	09/07/23	3,365.00	43.26	--	--	3,321.74
	12/27/23	3,365.00	43.13	--	--	3,321.87
06/25/25	3,365.00	42.94	--	--	3,322.06	
MW-2 Screen unknown	06/05/19	3,364.58	42.71	--	--	3,321.87
	07/21/20	3,364.58	42.70	--	--	3,321.88
	07/30/21	3,364.58	Dry	Dry	Dry	Dry
	08/10/21	3,364.58	Dry	Dry	Dry	Dry
	08/11/21	3,364.58	Dry	Dry	Dry	Dry
	03/03/22	3,364.58	42.53	--	--	3,322.05
	05/06/22	3,364.58	42.56	--	--	3,322.02
	08/18/22	3,364.58	42.75	--	--	3,321.83
	12/16/22	3,364.58	42.65	--	--	3,321.93
	03/13/23	3,364.58	42.47	--	--	3,322.11
	06/07/23	3,364.58	42.38	--	--	3,322.20
	09/07/23	3,364.58	Dry	Dry	Dry	Dry
	12/27/23	3,364.58	Dry	Dry	Dry	Dry
06/25/25	3,364.58	Dry	Dry	Dry	Dry	
MW-3 Screen unknown	06/05/19	3,364.72	43.00	--	--	3,321.72
	07/21/20	3,364.72	43.00	--	--	3,321.72
	07/30/21	3,364.72	Dry	--	--	Dry
	08/10/21	3,364.72	Dry	--	--	Dry
	08/11/21	3,364.72	Dry	--	--	Dry
	03/03/22	3,364.72	42.91	--	--	3,321.81
	05/26/22	3,364.72	42.91	--	--	3,321.81
	08/18/22	3,364.72	43.08	--	--	3,321.64
	12/16/22	3,364.72	42.99	--	--	3,321.73
	03/13/23	3,364.72	42.85	--	--	3,321.87
	06/07/23	3,364.72	42.74	--	--	3,321.98
	09/07/23	3,364.72	42.89	--	--	3,321.83
	12/27/23	3,364.72	42.73	--	--	3,321.99
06/25/25	3,364.72	42.57	--	--	3,322.15	

**Table 1**  
**Groundwater Gauging Data and Corrected Groundwater Depth**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Gauging Date	Top of Casing (ft)	Measured Depth To Groundwater (ft)	Measured Depth To LNAPL (ft)	Measured Thickness of LNAPL (ft)	Corrected Groundwater Depth (ft)
MW-4 Screen unknown	06/05/19	3,364.00	42.41	--	--	3,321.59
	07/21/20	3,364.00	42.10	--	--	3,321.90
	07/30/21	3,364.00	Dry	--	--	Dry
	08/10/21	3,364.00	Dry	--	--	Dry
	08/11/21	3,364.00	Dry	--	--	Dry
	03/03/22	3,364.00	42.32	--	--	3,321.68
	05/26/22	3,364.00	42.37	--	--	3,321.63
	08/18/22	3,364.00	42.51	--	--	3,321.49
	12/16/22	3,364.00	42.43	--	--	3,321.57
	03/13/23	3,364.00	42.30	--	--	3,321.70
	06/07/23	3,364.00	42.20	--	--	3,321.80
	09/07/23	3,364.00	42.28	--	--	3,321.72
	12/27/23	3,364.00	42.19	--	--	3,321.81
06/25/25	3,364.00	42.05	--	--	3,321.95	
MW-5 Screen unknown	06/05/19	3,364.77	42.98	--	--	3,321.79
	07/21/20	3,364.77	43.00	--	--	3,321.77
	07/30/21	3,364.77	43.25	--	--	3,321.52
	08/10/21	3,364.77	43.20	--	--	3,321.57
	08/11/21	3,364.77	43.21	--	--	3,321.56
	03/03/22	3,364.77	42.96	--	--	3,321.81
	05/26/22	3,364.77	43.00	--	--	3,321.77
	08/18/22	3,364.77	43.18	--	--	3,321.59
	12/16/22	3,364.77	43.07	--	--	3,321.70
	03/13/23	3,364.77	42.94	--	--	3,321.83
	06/07/23	3,364.77	42.84	--	--	3,321.93
	09/07/23	3,364.77	42.97	--	--	3,321.80
	12/27/23	3,364.77	42.84	--	--	3,321.93
06/25/25	3,364.77	42.70	--	--	3,322.07	
MW-6 Screen unknown	06/05/19	3,364.32	42.88	--	--	3,321.44
	07/21/20	3,364.32	42.95	--	--	3,321.37
	07/30/21	3,364.32	43.12	--	--	3,321.20
	08/10/21	3,364.32	43.06	--	--	3,321.26
	08/11/21	3,364.32	43.08	--	--	3,321.24
	03/03/22	3,364.32	42.85	--	--	3,321.47
	05/26/22	3,364.32	42.89	--	--	3,321.43
	08/18/22	3,364.32	43.07	--	--	3,321.25
	12/16/22	3,364.32	42.98	--	--	3,321.34
	03/13/23	3,364.32	42.87	--	--	3,321.45
	06/07/23	3,364.32	42.79	--	--	3,321.53
	09/07/23	3,364.32	42.86	--	--	3,321.46
	12/27/23	3,364.32	42.76	--	--	3,321.56
06/25/25	3,364.32	42.63	--	--	3,321.69	

**Table 1**  
**Groundwater Gauging Data and Corrected Groundwater Depth**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Gauging Date	Top of Casing (ft)	Measured Depth To Groundwater (ft)	Measured Depth To LNAPL (ft)	Measured Thickness of LNAPL (ft)	Corrected Groundwater Depth (ft)
RW-1 Screen unknown	08/10/21	3,364.60	43.00	--	--	3,321.60
	08/11/21	3,364.60	43.09	--	--	3,321.51
	08/19/21	3,364.60	43.08	--	--	3,321.52
	03/03/22	3,364.60	42.75	--	--	3,321.85
	05/26/22	3,364.60	42.75	--	--	3,321.85
	08/18/22	3,364.60	42.86	--	--	3,321.74
	12/16/22	3,364.60	42.81	--	--	3,321.79
	03/13/23	3,364.60	42.67	--	--	3,321.93
	06/07/23	3,364.60	42.53	--	--	3,322.07
	09/07/23	3,364.60	42.65	--	--	3,321.95
	12/27/23	3,364.60	42.54	--	--	3,322.06
	06/25/25	3,364.60	41.46	--	--	3,323.14

**Table 2**  
**Groundwater Analytical Results**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Chlorides (mg/L)	TDS (mg/L)
MW-1	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	1.41	--	540	--
	07/30/21	--	--	--	--	--	242	352	1,200
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	3.28	--	426	1,290
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	403	1,370
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	2.23	--	465	1,240
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	1.52	--	400	1,450
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	410	1,300
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.66	--	501	1,990
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.89	--	513	1,560
	12/27/23	<0.00100	<0.00100	<0.00100	<0.00100	2.12	--	495	1,780
06/25/25	0.00109	<0.00100	<0.00100	<0.02000	1.52	--	341	1,220	
MW-2	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	0.314	--	5,330	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<5.00	--	3,540	6,140
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	3,520	7,850
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	1.74	--	6,300	8,030
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	0.341	--	2,140	4,700
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	1,880	4,790
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	2,010	4,060
	09/07/23	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	12/27/23	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
06/25/25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	
MW-3	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	0.0890	--	4,330	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<5.00	--	6,100	10,100
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	6,830	11,900
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	1.72	--	14,200	17,500
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	<1.00	--	7,180	11,600
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	7,330	17,300
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<2.00	--	7,780	14,800
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00200	<2.00	--	11,700	20,700
	12/27/23	<0.00100	<0.00100	<0.00100	<0.00100	10.8	--	7,960	17,100
06/25/25	<0.00100	<0.00100	<0.00100	<0.00200	<0.500	--	7,290	15,800	
MW-4	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	0.303	--	776	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	3.03	--	472	1,340
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	510	1,510
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	1.14	--	664	1,787
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	0.63	--	463	792
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	659	1,900
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	0.705	--	794	3,820

**Table 2**  
**Groundwater Analytical Results**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Chlorides (mg/L)	TDS (mg/L)
MW-4 (Cont)	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<0.0500	--	1,050	2,370
	12/27/23	<0.00100	<0.00100	<0.00100	<0.00100	<0.500	--	760	2,210
	06/25/25	<0.00100	<0.00100	<0.00100	<0.00200	0.569	--	1,310	3,740
MW-5	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	<0.0800	--	67.5	--
	07/30/21	--	--	--	--	--	419	144	1,340
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<1.00	--	100	1,020
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	101	968
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.500	--	366	2,970
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	<0.100	--	132	926
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	92.2	867
	06/07/23	<0.00200	<0.00200	<0.00200	<0.0400	<0.100	--	110	1,020
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	0.576	--	148	915
	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	<0.100	--	121	1,010
06/25/25	0.00344	<0.00200	<0.00100	<0.00200	0.464	--	107	1,000	
MW-6	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	1.42	--	274	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	1.66	--	117	1,050
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	105	967
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	2.2	--	129	1,040
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	0.942	--	125	848
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	107	958
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.4	--	128	1,050
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.63	--	124	903
	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	1.35	--	96.7	871
06/25/25	0.00228	<0.00100	<0.00100	<0.0100	1.33	--	107	960	
RW-1	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	6.19	--	979	1,970
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	931	2,020
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	3.54	--	1,190	2,330
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	2.14	--	979	864
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	1,130	3,350
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	2.21	--	1,500	3,290
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	2.07	--	1,530	2,880
	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	1.84	--	1,440	3,570
06/25/25	Not	Sampled	Pump	in well	not	working			
Dup-1 (MW-1)	06/05/19	--	--	--	--	--	--	--	--
Dup-1 (MW-1)	07/30/21	--	--	--	--	--	224	325	1,190
Dup-1 (MW-1)	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	2.78	--	407	1,330
Dup-1 (RW-1)	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	966	2,040
Dup-1 (RW-1)	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	3.62	--	1,170	2,350

**Table 2  
Groundwater Analytical Results  
Hilcorp Energy Company  
State C Tract 13  
Lea County, New Mexico**

Sample ID	Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Chlorides (mg/L)	TDS (mg/L)
Dup-1 (RW-1)	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	2.11	--	822	1,620
Dup-1 (RW-1)	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	1,210	3,780
Dup-1 (RW-1)	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	2.22	--	1,370	3,290
Dup-1 (RW-1)	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.49	--	1,640	3,010
Dup-1 (RW-1)	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	1.86	--	1,430	3,560
NMWQCC Cleanup Standards		0.005	1.0	0.7	0.62	10	600	250	1,000

- exceeds regulatory limits

mg/L - milligram per Liter

Analysis performed by Eurofins Laboratories

<: indicates parameter concentration is below the analytical method reporting limits (RL)

\*: NMWQCC human health standard

**ATTACHMENT A: LABORATORY ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY DOCUMENTS**

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Jeff Kindley  
 NT Global  
 701 Tradewinds Blvd  
 Midland, Texas 79706  
 Generated 7/2/2025 7:40:30 PM

## JOB DESCRIPTION

State C Tract 13  
 Lea County, New Mexico

## JOB NUMBER

820-19614-1

Eurofins Lubbock  
 6701 Aberdeen Ave.  
 Suite 8  
 Lubbock TX 79424



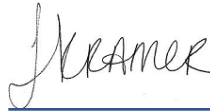
# Eurofins Lubbock

## Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

## Authorization



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Client: NT Global  
Project/Site: State C Tract 13

Laboratory Job ID: 820-19614-1  
SDG: Lea County, New Mexico

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## Definitions/Glossary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

## Qualifiers

## GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

## General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

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

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# Case Narrative

Client: NT Global  
Project: State C Tract 13

Job ID: 820-19614-1

**Job ID: 820-19614-1**

**Eurofins Lubbock**

## Job Narrative 820-19614-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The samples were received on 6/26/2025 4:14 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.8°C.

### GC/MS VOA

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

### HPLC/IC

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-245355 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300\_ORGFM\_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (820-19614-2) and MW-4 (820-19614-3). Elevated reporting limits (RLs) are provided.

Method 300\_ORGFMS: The following samples were analyzed outside of analytical holding time due to receipt outside of holding time: MW-1 (820-19614-1), MW-3 (820-19614-2), MW-4 (820-19614-3), MW-5 (820-19614-4) and MW-6 (820-19614-5).

Method 300\_ORGFMS: The following sample was diluted due to the abundance of non-target analytes: MW-3 (820-19614-2). Elevated reporting limits (RLs) are provided.

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

### General Chemistry

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

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### Client Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

**Client Sample ID: MW-1**

**Lab Sample ID: 820-19614-1**

Date Collected: 06/25/25 09:00

Matrix: Water

Date Received: 06/26/25 16:14

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.00109</b>		0.00100		mg/L			07/01/25 17:25	1
Toluene	<0.00100	U	0.00100		mg/L			07/01/25 17:25	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			07/01/25 17:25	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			07/01/25 17:25	1
o-Xylene	<0.00100	U	0.00100		mg/L			07/01/25 17:25	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			07/01/25 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 144		07/01/25 17:25	1
4-Bromofluorobenzene (Surr)	87		74 - 124		07/01/25 17:25	1
Dibromofluoromethane (Surr)	90		75 - 131		07/01/25 17:25	1
Toluene-d8 (Surr)	90		80 - 120		07/01/25 17:25	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			07/01/25 17:25	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>341</b>		0.500		mg/L			06/27/25 13:28	1
<b>Nitrate as N</b>	<b>1.52</b>	<b>H</b>	0.100		mg/L			06/27/25 13:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1220</b>		20.0		mg/L			06/30/25 08:58	1

**Client Sample ID: MW-3**

**Lab Sample ID: 820-19614-2**

Date Collected: 06/25/25 10:00

Matrix: Water

Date Received: 06/26/25 16:14

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			07/01/25 17:04	1
Toluene	<0.00100	U	0.00100		mg/L			07/01/25 17:04	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			07/01/25 17:04	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			07/01/25 17:04	1
o-Xylene	<0.00100	U	0.00100		mg/L			07/01/25 17:04	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			07/01/25 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 144		07/01/25 17:04	1
4-Bromofluorobenzene (Surr)	86		74 - 124		07/01/25 17:04	1
Dibromofluoromethane (Surr)	90		75 - 131		07/01/25 17:04	1
Toluene-d8 (Surr)	91		80 - 120		07/01/25 17:04	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			07/01/25 17:04	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>7290</b>		25.0		mg/L			06/27/25 13:50	50

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### Client Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-19614-1  
 SDG: Lea County, New Mexico

**Client Sample ID: MW-3**

**Lab Sample ID: 820-19614-2**

Date Collected: 06/25/25 10:00

Matrix: Water

Date Received: 06/26/25 16:14

**Method: EPA 300.0 - Anions, Ion Chromatography (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.500	U H	0.500		mg/L			06/27/25 13:43	5

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15800		100		mg/L			06/30/25 08:58	1

**Client Sample ID: MW-4**

**Lab Sample ID: 820-19614-3**

Date Collected: 06/25/25 11:00

Matrix: Water

Date Received: 06/26/25 16:14

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			07/01/25 16:44	1
Toluene	<0.00100	U	0.00100		mg/L			07/01/25 16:44	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			07/01/25 16:44	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			07/01/25 16:44	1
o-Xylene	<0.00100	U	0.00100		mg/L			07/01/25 16:44	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			07/01/25 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 144		07/01/25 16:44	1
4-Bromofluorobenzene (Surr)	88		74 - 124		07/01/25 16:44	1
Dibromofluoromethane (Surr)	89		75 - 131		07/01/25 16:44	1
Toluene-d8 (Surr)	92		80 - 120		07/01/25 16:44	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			07/01/25 16:44	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		5.00		mg/L			06/27/25 14:05	10
Nitrate as N	0.569	H	0.100		mg/L			06/27/25 13:57	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3740		40.0		mg/L			06/30/25 08:58	1

**Client Sample ID: MW-5**

**Lab Sample ID: 820-19614-4**

Date Collected: 06/25/25 12:00

Matrix: Water

Date Received: 06/26/25 16:14

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00344		0.00100		mg/L			07/01/25 16:23	1
Toluene	<0.00100	U	0.00100		mg/L			07/01/25 16:23	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			07/01/25 16:23	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			07/01/25 16:23	1
o-Xylene	<0.00100	U	0.00100		mg/L			07/01/25 16:23	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			07/01/25 16:23	1

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### Client Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-19614-1  
 SDG: Lea County, New Mexico

**Client Sample ID: MW-5**  
 Date Collected: 06/25/25 12:00  
 Date Received: 06/26/25 16:14

**Lab Sample ID: 820-19614-4**  
 Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 144		07/01/25 16:23	1
4-Bromofluorobenzene (Surr)	87		74 - 124		07/01/25 16:23	1
Dibromofluoromethane (Surr)	89		75 - 131		07/01/25 16:23	1
Toluene-d8 (Surr)	90		80 - 120		07/01/25 16:23	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total BTEX</b>	<b>0.00344</b>		0.00200		mg/L			07/01/25 16:23	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>107</b>		0.500		mg/L			06/27/25 14:12	1
<b>Nitrate as N</b>	<b>0.464</b>	<b>H</b>	0.100		mg/L			06/27/25 14:12	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids (SM 2540C)</b>	<b>1000</b>		10.0		mg/L			06/30/25 08:58	1

**Client Sample ID: MW-6**  
 Date Collected: 06/25/25 13:00  
 Date Received: 06/26/25 16:14

**Lab Sample ID: 820-19614-5**  
 Matrix: Water

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Benzene</b>	<b>0.00228</b>		0.00100		mg/L			07/01/25 15:42	1
Toluene	<0.00100	U	0.00100		mg/L			07/01/25 15:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			07/01/25 15:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			07/01/25 15:42	1
o-Xylene	<0.00100	U	0.00100		mg/L			07/01/25 15:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			07/01/25 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 144		07/01/25 15:42	1
4-Bromofluorobenzene (Surr)	85		74 - 124		07/01/25 15:42	1
Dibromofluoromethane (Surr)	89		75 - 131		07/01/25 15:42	1
Toluene-d8 (Surr)	92		80 - 120		07/01/25 15:42	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total BTEX</b>	<b>0.00228</b>		0.00200		mg/L			07/01/25 15:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>107</b>		0.500		mg/L			06/27/25 14:27	1
<b>Nitrate as N</b>	<b>1.33</b>	<b>H</b>	0.100		mg/L			06/27/25 14:27	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids (SM 2540C)</b>	<b>960</b>		10.0		mg/L			06/30/25 08:58	1

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### Surrogate Summary

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-19614-1  
 SDG: Lea County, New Mexico

**Method: 8260D - Volatile Organic Compounds by GC/MS**

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
820-19614-1	MW-1	89	87	90	90
820-19614-2	MW-3	91	86	90	91
820-19614-3	MW-4	88	88	89	92
820-19614-4	MW-5	90	87	89	90
820-19614-5	MW-6	89	85	89	92
860-104299-J-1 MS	Matrix Spike	88	91	90	97
LCS 860-245954/3	Lab Control Sample	87	94	90	97
LCSD 860-245954/4	Lab Control Sample Dup	87	91	88	98
MB 860-245954/9	Method Blank	92	87	91	92

**Surrogate Legend**

- DCA = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane (Surr)
- TOL = Toluene-d8 (Surr)



### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

#### Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-245954/9  
Matrix: Water  
Analysis Batch: 245954

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			07/01/25 10:14	1
Toluene	<0.00100	U	0.00100		mg/L			07/01/25 10:14	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			07/01/25 10:14	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			07/01/25 10:14	1
o-Xylene	<0.00100	U	0.00100		mg/L			07/01/25 10:14	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			07/01/25 10:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 144		07/01/25 10:14	1
4-Bromofluorobenzene (Surr)	87		74 - 124		07/01/25 10:14	1
Dibromofluoromethane (Surr)	91		75 - 131		07/01/25 10:14	1
Toluene-d8 (Surr)	92		80 - 120		07/01/25 10:14	1

Lab Sample ID: LCS 860-245954/3  
Matrix: Water  
Analysis Batch: 245954

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04595		mg/L		92	75 - 125
Toluene	0.0500	0.05140		mg/L		103	75 - 130
Ethylbenzene	0.0500	0.04961		mg/L		99	75 - 125
m,p-Xylenes	0.0500	0.05016		mg/L		100	75 - 125
o-Xylene	0.0500	0.04972		mg/L		99	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		63 - 144
4-Bromofluorobenzene (Surr)	94		74 - 124
Dibromofluoromethane (Surr)	90		75 - 131
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: LCSD 860-245954/4  
Matrix: Water  
Analysis Batch: 245954

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04589		mg/L		92	75 - 125	0	25
Toluene	0.0500	0.05133		mg/L		103	75 - 130	0	25
Ethylbenzene	0.0500	0.05045		mg/L		101	75 - 125	2	25
m,p-Xylenes	0.0500	0.05128		mg/L		103	75 - 125	2	25
o-Xylene	0.0500	0.05058		mg/L		101	75 - 125	2	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		63 - 144
4-Bromofluorobenzene (Surr)	91		74 - 124
Dibromofluoromethane (Surr)	88		75 - 131
Toluene-d8 (Surr)	98		80 - 120

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### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

#### Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-104299-J-1 MS  
Matrix: Water  
Analysis Batch: 245954

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U	0.0500	0.05380		mg/L		108	66 - 142
Toluene	<0.00100	U	0.0500	0.05270		mg/L		105	59 - 139
Ethylbenzene	<0.00100	U	0.0500	0.05167		mg/L		103	75 - 125
m,p-Xylenes	<0.00200	U	0.0500	0.05253		mg/L		105	75 - 125
o-Xylene	<0.00100	U	0.0500	0.05221		mg/L		104	75 - 125

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	88		63 - 144
4-Bromofluorobenzene (Surr)	91		74 - 124
Dibromofluoromethane (Surr)	90		75 - 131
Toluene-d8 (Surr)	97		80 - 120

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-245355/3  
Matrix: Water  
Analysis Batch: 245355

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			06/27/25 10:38	1

Lab Sample ID: LCS 860-245355/4  
Matrix: Water  
Analysis Batch: 245355

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.808		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-245355/5  
Matrix: Water  
Analysis Batch: 245355

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.799		mg/L		98	90 - 110	0	20

Lab Sample ID: LLCS 860-245355/7  
Matrix: Water  
Analysis Batch: 245355

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4689	J	mg/L		94	50 - 150

Lab Sample ID: 860-104620-H-1 MS  
Matrix: Water  
Analysis Batch: 245355

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	332		10.0	345.2	4	mg/L		128	90 - 110

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### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

**Method: 300.0 - Anions, Ion Chromatography (Continued)**

Lab Sample ID: 860-104620-H-1 MSD  
Matrix: Water  
Analysis Batch: 245355

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	332		10.0	343.5	4	mg/L		111	90 - 110	0	15

Lab Sample ID: 890-8352-G-1 MS  
Matrix: Water  
Analysis Batch: 245355

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120		100	210.0		mg/L		90	90 - 110

Lab Sample ID: 890-8352-G-1 MSD  
Matrix: Water  
Analysis Batch: 245355

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120		100	212.1		mg/L		92	90 - 110	1	15

Lab Sample ID: MB 860-245356/3  
Matrix: Water  
Analysis Batch: 245356

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100		mg/L			06/27/25 10:38	1

Lab Sample ID: LCS 860-245356/4  
Matrix: Water  
Analysis Batch: 245356

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.33		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-245356/5  
Matrix: Water  
Analysis Batch: 245356

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.28		mg/L		103	90 - 110	0	20

Lab Sample ID: LLCS 860-245356/6  
Matrix: Water  
Analysis Batch: 245356

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.06602	J	mg/L		66	50 - 150

Lab Sample ID: 860-104620-H-1 MS  
Matrix: Water  
Analysis Batch: 245356

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	12.0		10.0	22.82		mg/L		108	90 - 110

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### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 860-104620-H-1 MSD  
Matrix: Water  
Analysis Batch: 245356

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	12.0		10.0	22.73		mg/L		107	90 - 110	0	15

Lab Sample ID: 890-8352-G-1 MS  
Matrix: Water  
Analysis Batch: 245356

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	<1.00	U F1	100	100.1		mg/L		100	90 - 110

Lab Sample ID: 890-8352-G-1 MSD  
Matrix: Water  
Analysis Batch: 245356

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	<1.00	U F1	100	101.0		mg/L		101	90 - 110	1	15

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

Lab Sample ID: MB 860-245663/1  
Matrix: Water  
Analysis Batch: 245663

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			06/30/25 08:34	1

Lab Sample ID: LCS 860-245663/2  
Matrix: Water  
Analysis Batch: 245663

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	922.0		mg/L		92	80 - 120

Lab Sample ID: 860-104717-A-2 DU  
Matrix: Water  
Analysis Batch: 245663

Client Sample ID: Duplicate  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	758		761.0		mg/L		0.4	10

## QC Association Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

## GC/MS VOA

## Analysis Batch: 245954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19614-1	MW-1	Total/NA	Water	8260D	
820-19614-2	MW-3	Total/NA	Water	8260D	
820-19614-3	MW-4	Total/NA	Water	8260D	
820-19614-4	MW-5	Total/NA	Water	8260D	
820-19614-5	MW-6	Total/NA	Water	8260D	
MB 860-245954/9	Method Blank	Total/NA	Water	8260D	
LCS 860-245954/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-245954/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-104299-J-1 MS	Matrix Spike	Total/NA	Water	8260D	

## Analysis Batch: 246511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19614-1	MW-1	Total/NA	Water	Total BTEX	
820-19614-2	MW-3	Total/NA	Water	Total BTEX	
820-19614-3	MW-4	Total/NA	Water	Total BTEX	
820-19614-4	MW-5	Total/NA	Water	Total BTEX	
820-19614-5	MW-6	Total/NA	Water	Total BTEX	

## HPLC/IC

## Analysis Batch: 245355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19614-1	MW-1	Total/NA	Water	300.0	
820-19614-2	MW-3	Total/NA	Water	300.0	
820-19614-3	MW-4	Total/NA	Water	300.0	
820-19614-4	MW-5	Total/NA	Water	300.0	
820-19614-5	MW-6	Total/NA	Water	300.0	
MB 860-245355/3	Method Blank	Total/NA	Water	300.0	
LCS 860-245355/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-245355/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-245355/7	Lab Control Sample	Total/NA	Water	300.0	
860-104620-H-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-104620-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
890-8352-G-1 MS	Matrix Spike	Total/NA	Water	300.0	
890-8352-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

## Analysis Batch: 245356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19614-1	MW-1	Total/NA	Water	300.0	
820-19614-2	MW-3	Total/NA	Water	300.0	
820-19614-3	MW-4	Total/NA	Water	300.0	
820-19614-4	MW-5	Total/NA	Water	300.0	
820-19614-5	MW-6	Total/NA	Water	300.0	
MB 860-245356/3	Method Blank	Total/NA	Water	300.0	
LCS 860-245356/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-245356/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-245356/6	Lab Control Sample	Total/NA	Water	300.0	
860-104620-H-1 MS	Matrix Spike	Total/NA	Water	300.0	
860-104620-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
890-8352-G-1 MS	Matrix Spike	Total/NA	Water	300.0	
890-8352-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

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### QC Association Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

#### General Chemistry

#### Analysis Batch: 245663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-19614-1	MW-1	Total/NA	Water	SM 2540C	
820-19614-2	MW-3	Total/NA	Water	SM 2540C	
820-19614-3	MW-4	Total/NA	Water	SM 2540C	
820-19614-4	MW-5	Total/NA	Water	SM 2540C	
820-19614-5	MW-6	Total/NA	Water	SM 2540C	
MB 860-245663/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-245663/2	Lab Control Sample	Total/NA	Water	SM 2540C	
860-104717-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

### Lab Chronicle

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-19614-1  
 SDG: Lea County, New Mexico

**Client Sample ID: MW-1**

**Lab Sample ID: 820-19614-1**

Date Collected: 06/25/25 09:00

Matrix: Water

Date Received: 06/26/25 16:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	245954	07/01/25 17:25	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			246511	07/01/25 17:25	KLV	EET HOU
Total/NA	Analysis	300.0		1			245355	06/27/25 13:28	WP	EET HOU
Total/NA	Analysis	300.0		1			245356	06/27/25 13:28	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	245663	06/30/25 08:58	TR	EET HOU

**Client Sample ID: MW-3**

**Lab Sample ID: 820-19614-2**

Date Collected: 06/25/25 10:00

Matrix: Water

Date Received: 06/26/25 16:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	245954	07/01/25 17:04	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			246511	07/01/25 17:04	KLV	EET HOU
Total/NA	Analysis	300.0		5			245356	06/27/25 13:43	WP	EET HOU
Total/NA	Analysis	300.0		50			245355	06/27/25 13:50	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	245663	06/30/25 08:58	TR	EET HOU

**Client Sample ID: MW-4**

**Lab Sample ID: 820-19614-3**

Date Collected: 06/25/25 11:00

Matrix: Water

Date Received: 06/26/25 16:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	245954	07/01/25 16:44	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			246511	07/01/25 16:44	KLV	EET HOU
Total/NA	Analysis	300.0		1			245356	06/27/25 13:57	WP	EET HOU
Total/NA	Analysis	300.0		10			245355	06/27/25 14:05	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	245663	06/30/25 08:58	TR	EET HOU

**Client Sample ID: MW-5**

**Lab Sample ID: 820-19614-4**

Date Collected: 06/25/25 12:00

Matrix: Water

Date Received: 06/26/25 16:14

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	245954	07/01/25 16:23	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			246511	07/01/25 16:23	KLV	EET HOU
Total/NA	Analysis	300.0		1			245355	06/27/25 14:12	WP	EET HOU
Total/NA	Analysis	300.0		1			245356	06/27/25 14:12	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	245663	06/30/25 08:58	TR	EET HOU

### Lab Chronicle

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

**Client Sample ID: MW-6**

**Lab Sample ID: 820-19614-5**

**Date Collected: 06/25/25 13:00**

**Matrix: Water**

**Date Received: 06/26/25 16:14**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	245954	07/01/25 15:42	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			246511	07/01/25 15:42	KLV	EET HOU
Total/NA	Analysis	300.0		1			245355	06/27/25 14:27	WP	EET HOU
Total/NA	Analysis	300.0		1			245356	06/27/25 14:27	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	245663	06/30/25 08:58	TR	EET HOU

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

#### Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Water	Total BTEX

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### Method Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
5030C	Purge and Trap	SW846	EET HOU

**Protocol References:**

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-19614-1  
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-19614-1	MW-1	Water	06/25/25 09:00	06/26/25 16:14
820-19614-2	MW-3	Water	06/25/25 10:00	06/26/25 16:14
820-19614-3	MW-4	Water	06/25/25 11:00	06/26/25 16:14
820-19614-4	MW-5	Water	06/25/25 12:00	06/26/25 16:14
820-19614-5	MW-6	Water	06/25/25 13:00	06/26/25 16:14

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### Eurofins Lubbock

6701 Aberdeen Ave, Suite 8  
 Lubbock, TX 79424  
 Phone: 806-794-1296

### Chain of Custody Record



Environment Testing

<b>Client Information (Sub Contract Lab)</b>	Sampler: N/A
Client Contact: Shipping/Receiving	Phone: N/A
Company: Eurofins Environment Testing South Cent	E-Mail: Jessica.Kramer@et.eurofins.com
Address: 4145 Greenbriar Dr	Accreditations Required (See note): NELAP - Texas
City: Stamford	Lab P#: Kramr Jessica
State Zip: TX, 77477	Carrier Tracking No(s): N/A
Phone: 281-240-4200(Tel)	State of Origin: Texas
Email: N/A	Page: Page 1 of 1
Project Name: State C Tract 13	Job #: 820-19614-1
Site: N/A	Preservation Codes:
SSOW#: N/A	

Due Date Requested: 7/2/2025	TAT Requested (days): N/A	<b>Analysis Requested</b>
Field Filled Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D(MOD) Custom List
		300_ORGFMS(MOD) Nitrate and Nitrite as N
		2640C_Calcd
		Total_BTEX
		8260D/5030CBTEX
		<b>Total Number of containers</b>
		Special Instructions/Note:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=Soil, G=Grab)	Preservation Code													
MMW-1 (820-19614-1)	6/25/25	08:00	G	Water		X	X	X	X	X	X	X	X	X	X	X	X	X
MMW-3 (820-19614-2)	6/25/25	10:00	G	Water		X	X	X	X	X	X	X	X	X	X	X	X	X
MMW-4 (820-19614-3)	6/25/25	11:00	G	Water		X	X	X	X	X	X	X	X	X	X	X	X	X
MMW-5 (820-19614-4)	6/25/25	12:00	G	Water		X	X	X	X	X	X	X	X	X	X	X	X	X
MMW-6 (820-19614-5)	6/25/25	13:00	G	Water		X	X	X	X	X	X	X	X	X	X	X	X	X

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

**Possible Hazard Identification**

Unconfirmed

Deliverable Requested: I II III IV Other (specify) \_\_\_\_\_

Primary Deliverable Rank: 2

Special Instructions/QC Requirements: \_\_\_\_\_

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By/Lab  Archive For \_\_\_\_\_ Months

Empty Kit Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date/Time: _____	Company: _____
Relinquished by: _____	Date: 7/2/25	Time: 7:00	Received by: _____	Date/Time: _____	Company: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date/Time: _____	Company: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date/Time: _____	Company: _____

Refrigerated by: \_\_\_\_\_

Custody Seals Intact:  Yes  No

Custody Seal No. \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

Ver: 10/10/2024

Time: 9:00

Podex

### Login Sample Receipt Checklist

Client: NT Global

Job Number: 820-19614-1  
SDG Number: Lea County, New Mexico

**Login Number: 19614**  
**List Number: 1**  
**Creator: Guillen, Kyrstin**

**List Source: Eurofins Lubbock**

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

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### Login Sample Receipt Checklist

Client: NT Global

Job Number: 820-19614-1  
SDG Number: Lea County, New Mexico

**Login Number: 19614**

**List Number: 2**

**Creator: Torrez, Lisandra**

**List Source: Eurofins Houston**

**List Creation: 06/27/25 11:03 AM**

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

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701 Tradewinds Blvd  
Midland, Texas 79707  
Tel. 432-766-1918  
www.ntgenvironmental.com

January 21, 2026

Hilcorp Energy Company  
Attn: Mr. Billy Ginn  
Environmental Specialist  
1201 Louisiana Street  
Houston, Texas 77002

**Re: 2025 Second (2<sup>nd</sup>) Semi-Annual (July to December) Groundwater Monitoring Report  
State C Tract 13  
Unit Letter E, Sec 36, T21S, R37E  
GPS Coordinates: 32.43830°N, -103.12155°W  
Lea County, New Mexico  
NMOCD Release Number: nAPM2326552978/1RP-389**

## **1. Introduction**

New Tech Global Environmental, LLC (NTGE) on behalf of Hilcorp Energy Company (Hilcorp), has prepared this 2025 Second (2<sup>nd</sup>) Semi-Annual Groundwater Monitoring Report for submittal to the New Mexico Oil Conservation Division (NMOCD) District 1 in Hobbs, and Santa Fe, New Mexico. This report presents the 2025 second (2<sup>nd</sup>) semi-annual quarterly laboratory analysis of groundwater samples collected from the six (6) monitor wells (MW-1 through MW-6) and one (1) recovery well (RW-1) located in Unit Letter E, Section 36, Township 21 South, Range 37 East, in Lea County, New Mexico. The geodetic position is latitude 32.43830° N, longitude -103.12155° W. See Figures 1 and 2 for Site Location and Topographic Maps.

## **2. Background**

Between November 19, 2002, and September 10, 2004, Eco Drilling Services under supervision from Safety & Environmental Solutions, Inc. (SESI), drilled and installed six (6) monitoring wells (MW-1 through MW-6) at the Site. The wells were drilled between 54.71 feet below ground surface (bgs) at MW-3 and 72.21 feet bgs at MW-1. The wells were completed with 2-inch schedule 40 PVC casing and approximately twenty (20) feet 0.010-inch slotted screen. SESI personnel collected groundwater samples from the wells which were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), cations (sodium, calcium, magnesium, and potassium), anions (chloride, sulfate, carbonate, calcium carbonate) and total dissolved solids (TDS). SESI documented the investigation and remediation in the report titled, "*Apache Corporation State C, Tract 13 Site Investigation, Section 36, Township 21S, Range 37E, Lea County, New Mexico, March 10, 2003*".

On July 21, 2021, Scarborough Drilling, Inc. (SDI) under Larson and Associates (LAI) supervision, installed a recovery well (RW-1) southeast (downgradient) from the pit where SESI excavated approximately 1,104 cubic yards of soil to a depth of fourteen (14) ft bgs. A 40-mil thick liner was previously placed at the bottom of the excavation and covered with soil to ground surface. The recovery well was drilled to approximately 69.25 ft bgs and completed with five (5) inch non-threaded schedule 40 PVC casing with approximately 29.55 ft of 0.02-inch factory slotted screen. The screen was positioned above and below the groundwater level observed during drilling. Graded silica sand was placed around the screen to about two (2) ft above the screen. The remaining annulus above the screen was filled to approximately 1-foot bgs with bentonite chips

Mr. Billy Ginn  
January 21, 2026  
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and hydrated with potable water. West Companies, Midland, Texas, a State of New Mexico Licensed Professional Land Surveyor (LPS Number 213263) surveyed the monitoring and recovery wells for geodetic position, along with ground and top of casing (TOC) elevation.

In June 2025, Apache sold the property to Hilcorp. Once the property was transferred to Hilcorp it was discovered that the site had not been sampled since December of 2023. During the initial assessment of the property in June 2025, it was discovered the site also had a Marlo Reverse Osmosis system which appears to have been installed in 2023. However, in talks with Apache they indicated the site had been vandalized with components of the system and installed recovery pump in RW-1 having been stripped and hence the system was shut-in. No details on amount of recovered or treated water were found for the system. However, the site does have a current WR-07 permit (CP 01916) for recovery and treatment of groundwater, which became active on July 11, 2022, with expiration set for July 11, 2027. In accordance with the permit the system is allowed to recover a maximum of ten (10) gallons per minute (gpm) with treated RO water injected back into monitor well MW-1 at a rate of between 4.6 and 6.7 gpm. See attached permit in Appendix A for details.

As of this report, the system is not in working order but is in the process of being repaired. Should the RO system not be repairable, Hilcorp may request from the New Mexico Office of the State Engineers (NMOSE) an amendment to the permit for total recovery fluids from RW-1 with disposal at an approved Saltwater Disposal (SWD) facility. On November 4, 2025, the old pump from RW-1 was removed and a new pump installed in order to sample the well and for groundwater recovery efforts.

### **3. Groundwater Monitoring and Sampling Procedures**

NTGE was onsite to complete the semi-annual groundwater gauging and sampling events September 15 to 16, and December 4, 2025. All six (6) monitor wells (MW-1 through MW-6) were gauged, purged, and sampled in accordance with all appropriate local, state, and federal regulations. Recovery well (RW-1) was gauged for both events but not sampled for September 2025 due to pump not in working order. However, the pump was replaced on November 4, 2025, allowing for sampling in last quarterly event for the year. Prior to sampling, the wells were gauged to determine depth to static groundwater and measure Light Non-Aqueous Phase Liquids (LNAPL), if any. A minimum of three (3) well volumes (or wells bailed dry) were purged from each of the monitor wells utilizing a new polyethylene bailer with the purge water placed into onsite fifty-five (55) gallon barrel steel drums. Once the groundwater was allowed to recharge to within 90% of the original gauging depth, samples were collected from each of the monitor wells with new disposal poly bailers and twine and placed into preserved laboratory provided sample containers. The six (6) groundwater samples were placed on ice and transported to Eurofins Laboratory of Midland, Texas for the September 2025 sampling event and to Cardinal Laboratories (Cardinal) of Hobbs, New Mexico including RW-1 for the December 2025 sampling event for analysis of BTEX by EPA Method 8260B, chlorides and Nitrate as N by EPA Method 300.0, and TDS by SM2540C.

### **4. Groundwater Gradient**

On September 15 and December 4, 2025, NTGE was onsite to gauge each of the six (6) monitor wells and one (1) recovery well (RW-1). Monitor well MW-2 has remained dry from September 7, 2023, through September 15, 2025, with measurable groundwater detected on December 4, 2025. See Figure 3 for site monitoring well locations. Utilizing a water level indicator each of the wells were gauged from a mark on the north side of the well casing to depth of first encountered groundwater and the bottom of the well. The corrected groundwater depth was then calculated, and a gradient map developed. Due to anomalies with MW-2 and RW-1, neither of these two monitor wells were utilized to determine groundwater gradient. Figures 4A and 4B indicate the groundwater gradient at the site is to the south to southeast towards monitor

Mr. Billy Ginn  
January 21, 2026  
Page 3 of 3

well MW-6 with some pooling around MW-3 and recovery well RW-1.

## **5. Groundwater Sampling Results**

Analytical results for September 16, 2025, sampling event indicated all samples were below the NMWQCC standards for BTEX and Nitrates as N. The chlorides exceeded the NMWQCC standard of 250 mg/L for monitoring wells MW-1 (351 mg/L), MW-3 (7,340 mg/L), and MW-4 (1,420 mg/L), while the TDS exceeded the NMWQCC standard of 1,000 mg/L for monitor wells MW-1 (1,350 mg/L), MW-3 (17,100 mg/L), MW-4 (4,230 mg/L) and MW-5 (1,440 mg/L). Recovery well RW-1 was not sampled since a pump was stuck in the well and not working. All other samples were below NMWQCC standards. See Table 2 for groundwater analytical results along with Figure 5A, Dissolved Concentration Map. See Appendix B for laboratory analytical results.

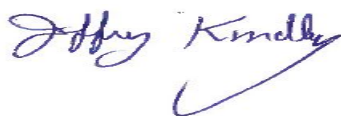
Analytical results for December 4, 2025, sampling event indicated all samples were below the NMWQCC standards for BTEX and Nitrates as N. The chlorides exceeded the NMWQCC standards of 250 mg/L for monitoring wells MW-1 (504 mg/L), MW-3 (6,600 mg/L), MW-4 (1,450 mg/L), and RW-1 (2,300 mg/L), while the TDS exceeded the NMWQCC standard of 1,000 mg/L for monitor wells MW-3 (11,200 mg/L), MW-4 (2,640 mg/L), MW-5 (1,120 mg/L) and RW-1 (4,420 mg/L). All other samples were below the NMWQCC standards. See Table 2 for groundwater analytical results along with Figure 5B, Dissolved Concentration Map. See Appendix B for laboratory analytical results.

## **6. Conclusions and Recommendations**

Based on the current groundwater results, the site gradient appears to be south to southeast towards monitoring well MW-6 with analytical results above the NMWQCC standards for chlorides in monitor wells MW-1, MW-3, MW-4, and RW-1 (for December 2025), while TDS was above NMWQCC standards for monitor wells MW-1, MW-3, MW-4 MW-5, and RW-1 (for December 2025). All remaining analytes are below the NMWQCC standards. NTGE suggests continuing quarterly sampling of the site and either upgrading the RO system or amending the permit to allow for total fluids removal at the site.

If you have any questions regarding this report or need additional information, please contact us at 432-766-1918.

Sincerely,  
**NTG Environmental**



Jeff Kindley, P.G  
Senior Project Manager/Geologist

### Attachments:

- Figure 1 – Site Location Map
- Figure 2 – Topographic Map
- Figure 3 – Monitor Well Location Map
- Figure 4A – Groundwater Gradient Map (September 15, 2025)
- Figure 4B – Groundwater Gradient Map (December 4, 2025)
- Figure 5A – Hydrocarbon Concentration Map (December 14, 2025)
- Figure 5B – Hydrocarbon Concentration Map (December 14, 2025)

Mr. Billy Ginn  
January 21, 2026  
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Table 1 – Groundwater Elevation Data

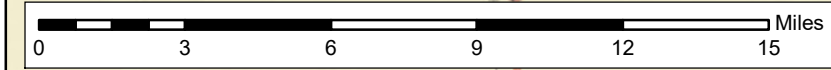
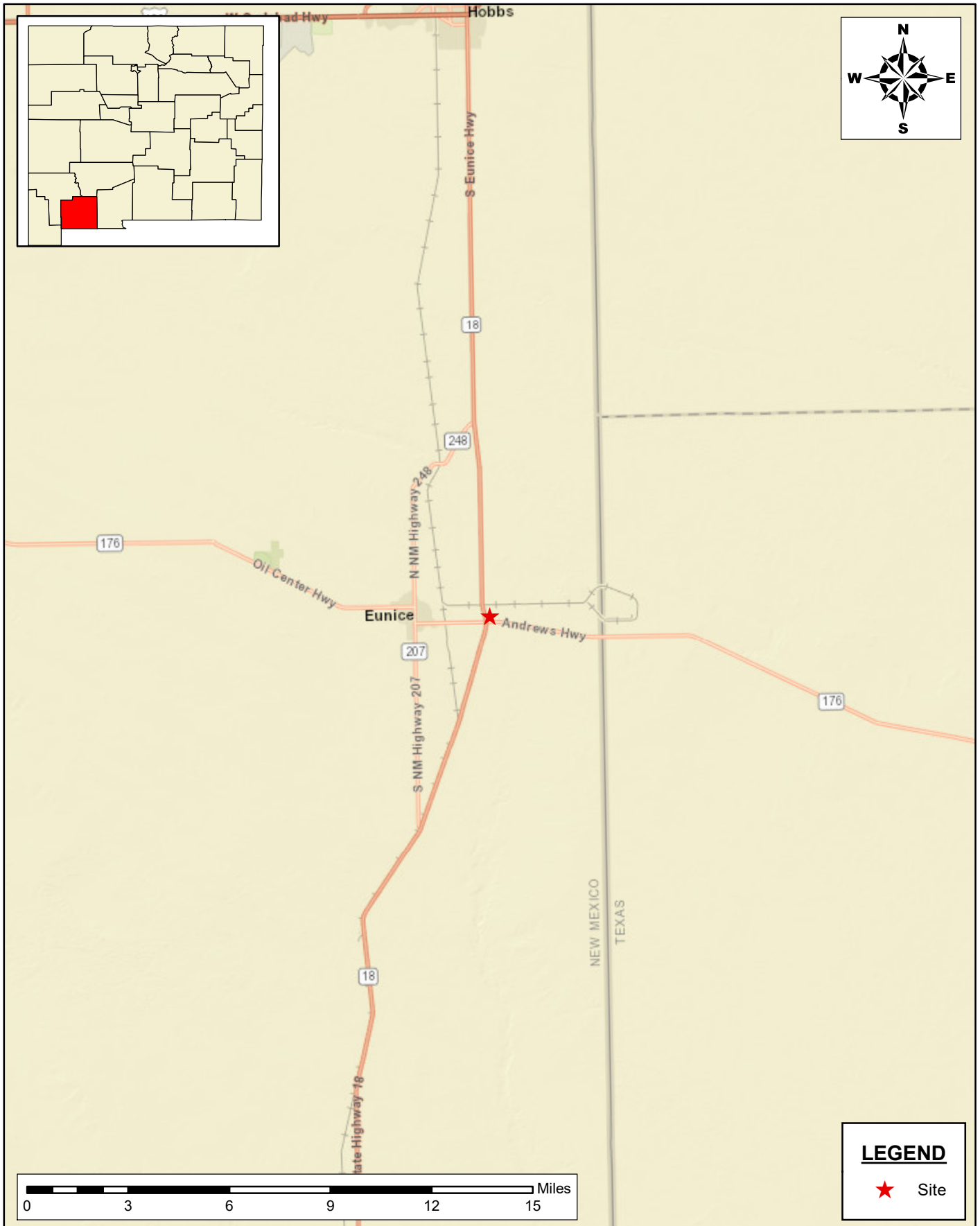
Table 2 – Groundwater Analytical Data

Appendix A: - Laboratory Analytical Reports and Chain-of-Custody Documentation

## **FIGURES**

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**LEGEND**

★ Site

**SITE LOCATION MAP**  
**SITE CHARACTERIZATION**  
 HILCORP ENERGY  
 STATE C TRACT 13  
 LEA COUNTY, NEW MEXICO  
 32.438106° -103.12100°



**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenvironmental.com

**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

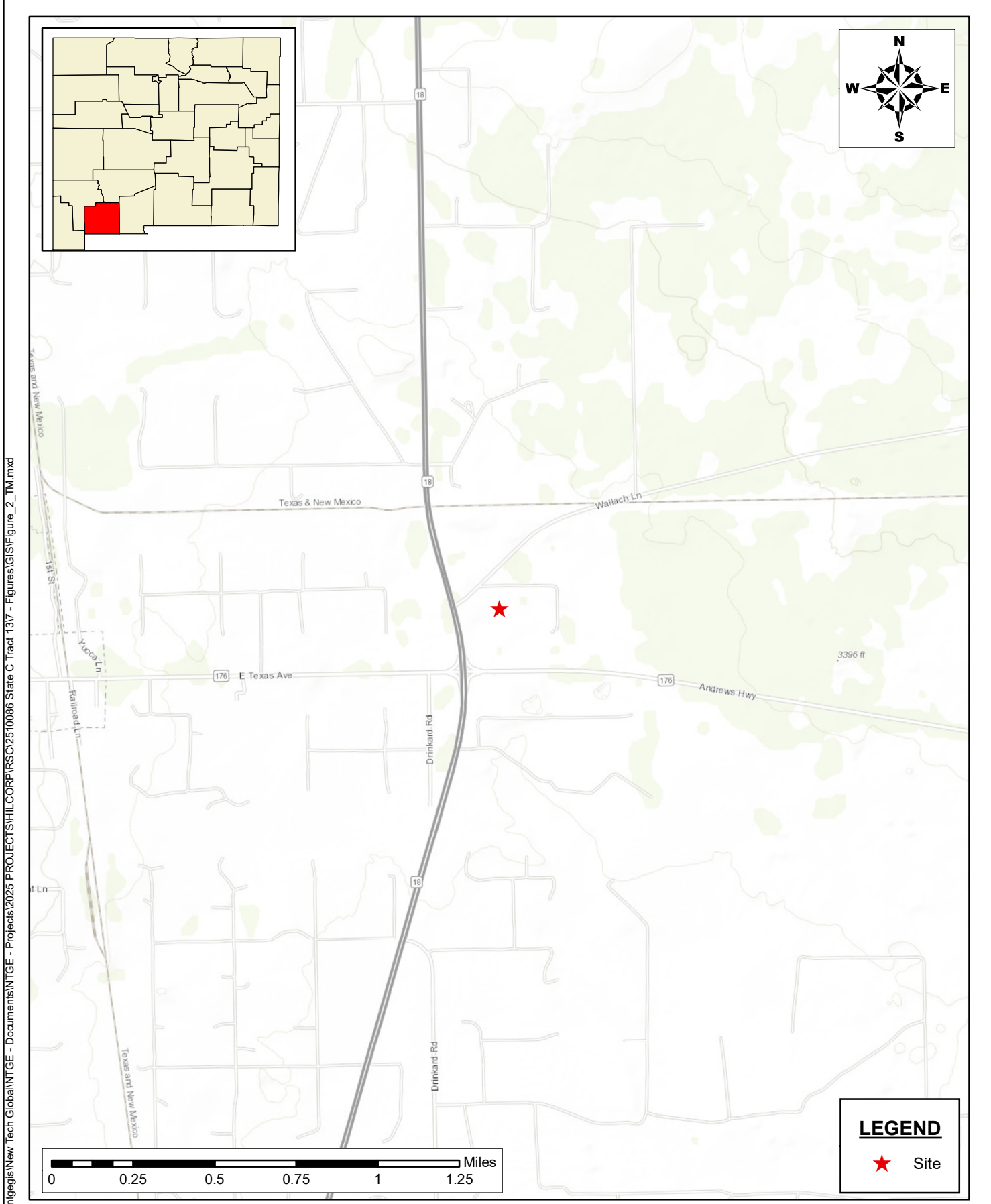
DRAWING NUMBER:

**FIGURE 1**

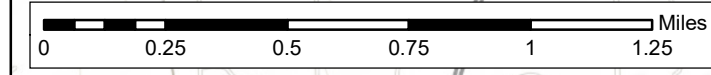
SHEET NUMBER:

**1 of 1**

SCALE: As Shown    Date: 8/20/2025    PROJECT #: 2510086



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**LEGEND**

★ Site

**TOPOGRAPHIC MAP  
SITE CHARACTERIZATION**  
HILCORP ENERGY  
STATE C TRACT 13  
LEA COUNTY, NEW MEXICO  
32.438106° -103.12100°

SCALE: As Shown    Date: 8/20/2025    PROJECT #: 2510086

 **NTG ENVIRONMENTAL**

**New Tech Global Environmental, LLC**  
911 Regional Park Drive  
Houston, Texas 77060  
T - 281.872.9300  
F - 281.872.4521  
Web: www.ntgenviromental.com

**NOTES:**  
1. Base Image: ESRI Maps & Data 2013  
2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 2**  
SHEET NUMBER:  
**1 of 1**

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**MONITOR WELL LOCATION MAP**  
**SITE ASSESSMENT REPORT**  
 HILCORP ENERGY  
 STATE C TRACT 13  
 LEA COUNTY, NEW MEXICO  
 32.438106° -103.12100°



**New Tech Global Environmental, LLC**  
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**NOTES:**

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:

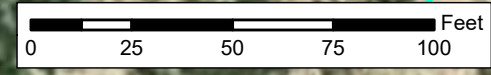
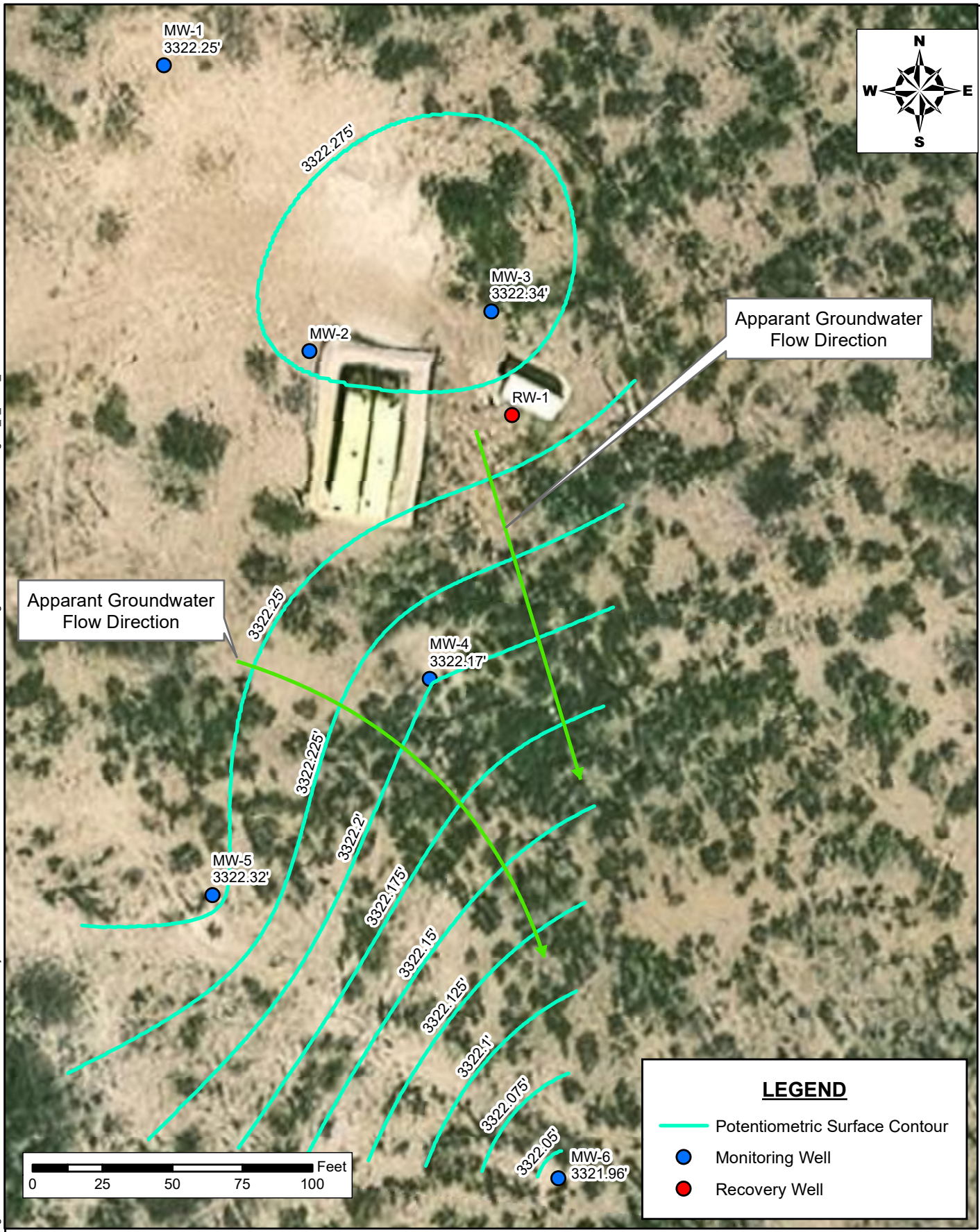
**FIGURE 3**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 08/20/2025    PROJECT #: 2510088

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2025 PROJECTS\HILCORP\RSC\2510086 State C Tract 13\7 - Figures\GIS\Geodatabase\3Q25\Figure\_4\_3Q25\_PotentiometricSurface.mxd



**LEGEND**

- Potentiometric Surface Contour
- Monitoring Well
- Recovery Well

**GROUNDWATER GRADIENT MAP  
SITE ASSESSMENT REPORT**  
HILCORP ENERGY  
STATE C TRACT 13  
LEA COUNTY, NEW MEXICO  
32.438106° -103.12100°

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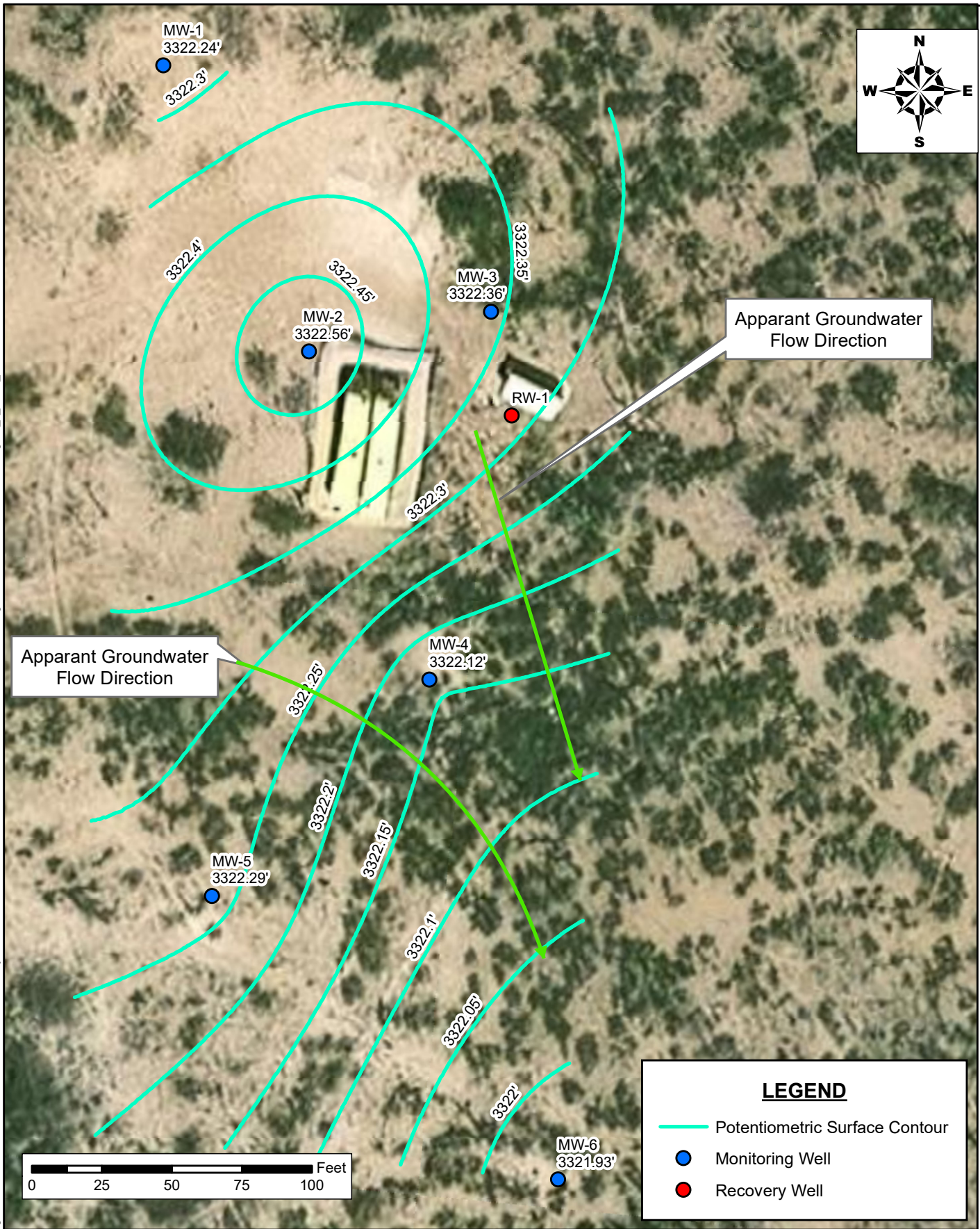
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**NOTES:**

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983
3. Gauged on 09/15/2025

DRAWING NUMBER:  
**FIGURE 4A**  
SHEET NUMBER:  
**1 of 1**

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**LEGEND**

- Potentiometric Surface Contour
- Monitoring Well
- Recovery Well

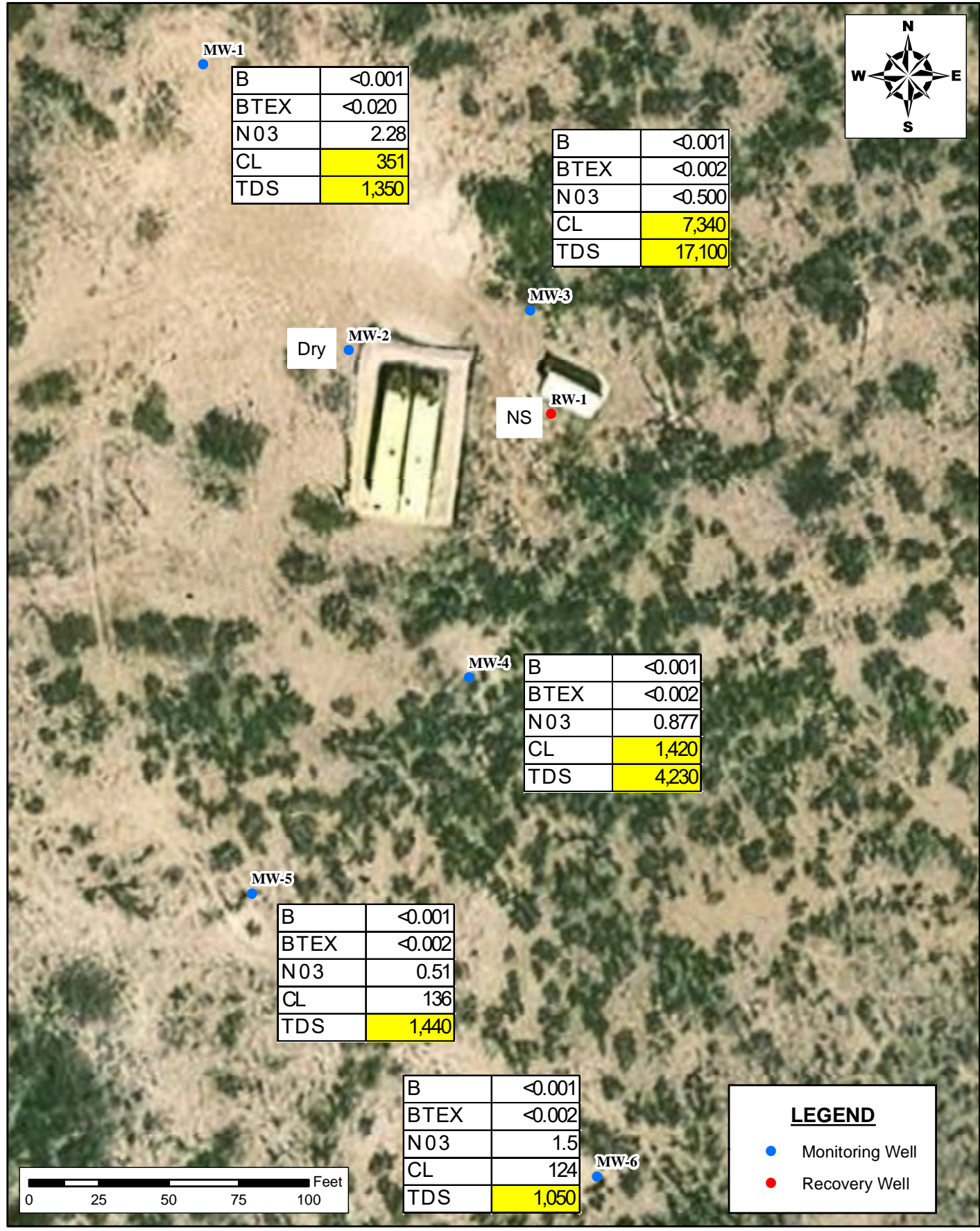
**GROUNDWATER GRADIENT MAP  
SITE ASSESSMENT REPORT**  
HILCORP ENERGY  
STATE C TRACT 13  
LEA COUNTY, NEW MEXICO  
32.438106° -103.12100°

  
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**NOTES:**  
1. Base Image: ESRI Maps & Data 2017  
2. Map Projection: NAD 1983  
3. Gauged on 12/04/2025

DRAWING NUMBER:  
**FIGURE 4B**  
SHEET NUMBER:  
**1 of 1**

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**GROUNDWATER GRADIENT MAP  
SITE ASSESSMENT REPORT**  
HILCORP ENERGY  
STATE C TRACT 13  
LEA COUNTY, NEW MEXICO  
32.438106° -103.12100°



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**NOTES:**

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983
3. Results in mg/L
4. NS- Not Sampled
5. Sampled 09/16/2025
6. Yellow Exceeds NMWQCC Standards

DRAWING NUMBER:

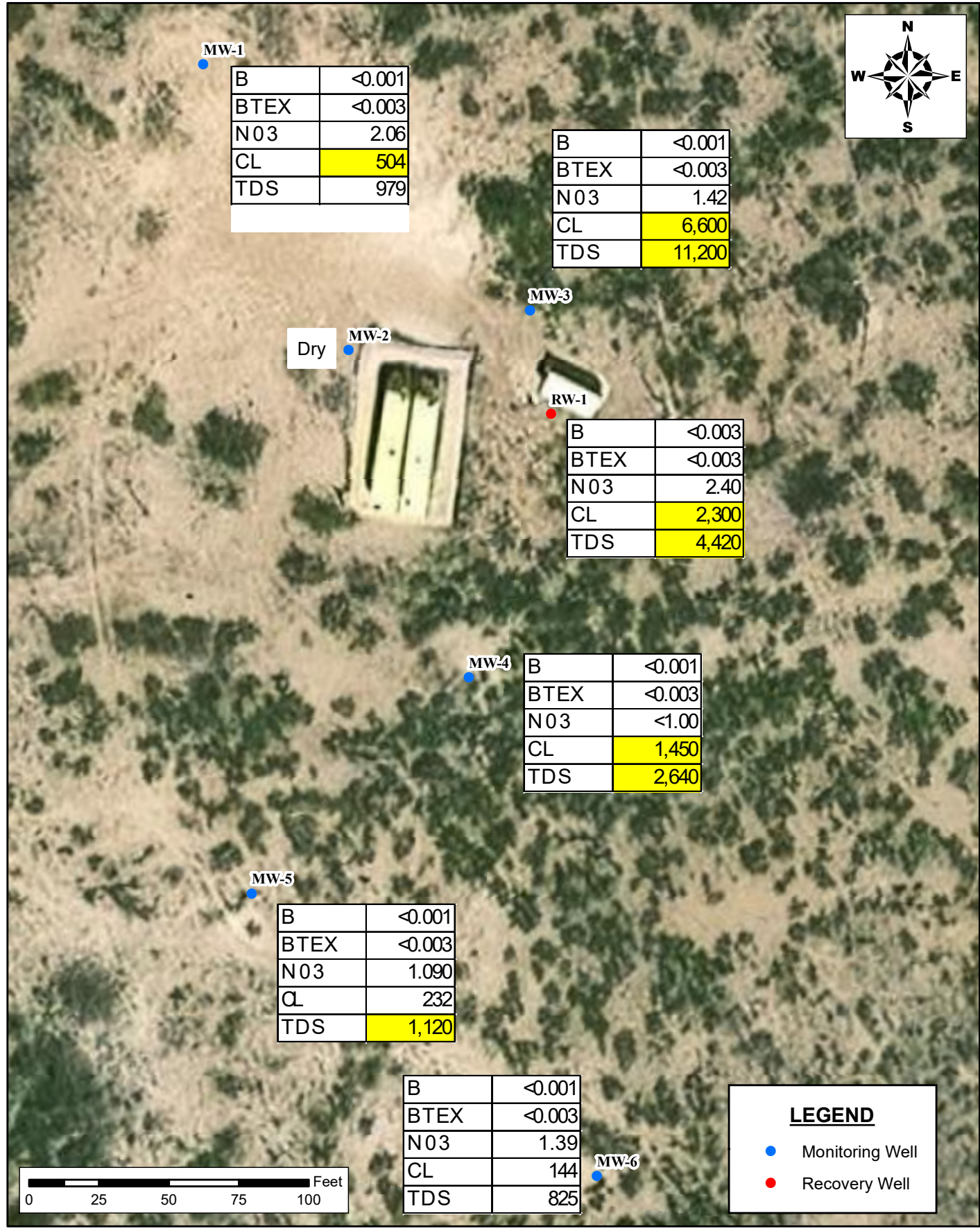
**FIGURE 5A**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 10/24/2025    PROJECT #: 2510088

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**CONSTITUENT CONCENTRATION MAP  
SITE ASSESSMENT REPORT  
HILCORP ENERGY  
STATE C TRACT 13  
LEA COUNTY, NEW MEXICO  
32.438106° -103.12100°**



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**NOTES:**

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983
3. Results in mg/L
4. NS- Not Sampled
5. Sampled 12/01/2025
6. Yellow Exceeds NMWQCC Standards

DRAWING NUMBER:

**FIGURE 5B**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 01/12/2026    PROJECT #: 2510088

## **TABLES**

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**Table 1**  
**Groundwater Gauging Data and Corrected Groundwater Depth**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Gauging Date	Top of Casing (ft)	Measured Depth To Groundwater (ft)	Measured Depth To LNAPL (ft)	Measured Thickness of LNAPL (ft)	Corrected Groundwater Depth (ft)
MW-1 Screen unknown	06/05/19	3,365.00	43.52	--	--	3,321.48
	07/21/20	3,365.00	43.60	--	--	3,321.40
	07/30/21	3,365.00	43.70	--	--	3,321.30
	08/10/21	3,365.00	43.66	--	--	3,321.34
	08/11/21	3,365.00	43.69	--	--	3,321.31
	03/03/22	3,365.00	43.37	--	--	3,321.63
	05/06/22	3,365.00	43.37	--	--	3,321.63
	08/18/22	3,365.00	43.48	--	--	3,321.52
	12/16/22	3,365.00	43.44	--	--	3,321.56
	03/13/23	3,365.00	43.27	--	--	3,321.73
	06/07/23	3,365.00	43.15	--	--	3,321.85
	09/07/23	3,365.00	43.26	--	--	3,321.74
	12/27/23	3,365.00	43.13	--	--	3,321.87
	06/25/25	3,365.00	42.94	--	--	3,322.06
	09/15/25	3,365.00	42.75	--	--	3,322.25
12/04/25	3,365.00	42.76	--	--	3,322.24	
MW-2 Screen unknown	06/05/19	3,364.58	42.71	--	--	3,321.87
	07/21/20	3,364.58	42.70	--	--	3,321.88
	07/30/21	3,364.58	Dry	Dry	Dry	Dry
	08/10/21	3,364.58	Dry	Dry	Dry	Dry
	08/11/21	3,364.58	Dry	Dry	Dry	Dry
	03/03/22	3,364.58	42.53	--	--	3,322.05
	05/06/22	3,364.58	42.56	--	--	3,322.02
	08/18/22	3,364.58	42.75	--	--	3,321.83
	12/16/22	3,364.58	42.65	--	--	3,321.93
	03/13/23	3,364.58	42.47	--	--	3,322.11
	06/07/23	3,364.58	42.38	--	--	3,322.20
	09/07/23	3,364.58	Dry	Dry	Dry	Dry
	12/27/23	3,364.58	Dry	Dry	Dry	Dry
	06/25/25	3,364.58	Dry	Dry	Dry	Dry
	09/15/25	3,364.58	Dry	Dry	Dry	Dry
12/04/25	3,364.58	42.02	--	--	3,322.56	
MW-3 Screen unknown	06/05/19	3,364.72	43.00	--	--	3,321.72
	07/21/20	3,364.72	43.00	--	--	3,321.72
	07/30/21	3,364.72	Dry	--	--	Dry
	08/10/21	3,364.72	Dry	--	--	Dry
	08/11/21	3,364.72	Dry	--	--	Dry
	03/03/22	3,364.72	42.91	--	--	3,321.81
	05/26/22	3,364.72	42.91	--	--	3,321.81
	08/18/22	3,364.72	43.08	--	--	3,321.64
	12/16/22	3,364.72	42.99	--	--	3,321.73
03/13/23	3,364.72	42.85	--	--	3,321.87	

**Table 1**  
**Groundwater Gauging Data and Corrected Groundwater Depth**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Gauging Date	Top of Casing (ft)	Measured Depth To Groundwater (ft)	Measured Depth To LNAPL (ft)	Measured Thickness of LNAPL (ft)	Corrected Groundwater Depth (ft)
MW-3 (Cont)	06/07/23	3,364.72	42.74	--	--	3,321.98
	09/07/23	3,364.72	42.89	--	--	3,321.83
	12/27/23	3,364.72	42.73	--	--	3,321.99
	06/25/25	3,364.72	42.57	--	--	3,322.15
	09/15/25	3,364.72	42.38	--	--	3,322.34
	12/04/25	3,364.72	42.36	--	--	3,322.36
MW-4 Screen unknown	06/05/19	3,364.00	42.41	--	--	3,321.59
	07/21/20	3,364.00	42.10	--	--	3,321.90
	07/30/21	3,364.00	Dry	--	--	Dry
	08/10/21	3,364.00	Dry	--	--	Dry
	08/11/21	3,364.00	Dry	--	--	Dry
	03/03/22	3,364.00	42.32	--	--	3,321.68
	05/26/22	3,364.00	42.37	--	--	3,321.63
	08/18/22	3,364.00	42.51	--	--	3,321.49
	12/16/22	3,364.00	42.43	--	--	3,321.57
	03/13/23	3,364.00	42.30	--	--	3,321.70
	06/07/23	3,364.00	42.20	--	--	3,321.80
	09/07/23	3,364.00	42.28	--	--	3,321.72
	12/27/23	3,364.00	42.19	--	--	3,321.81
	06/25/25	3,364.00	42.05	--	--	3,321.95
	09/15/25	3,364.00	41.83	--	--	3,322.17
12/04/25	3,364.00	41.88	--	--	3,322.12	
MW-5 Screen unknown	06/05/19	3,364.77	42.98	--	--	3,321.79
	07/21/20	3,364.77	43.00	--	--	3,321.77
	07/30/21	3,364.77	43.25	--	--	3,321.52
	08/10/21	3,364.77	43.20	--	--	3,321.57
	08/11/21	3,364.77	43.21	--	--	3,321.56
	03/03/22	3,364.77	42.96	--	--	3,321.81
	05/26/22	3,364.77	43.00	--	--	3,321.77
	08/18/22	3,364.77	43.18	--	--	3,321.59
	12/16/22	3,364.77	43.07	--	--	3,321.70
	03/13/23	3,364.77	42.94	--	--	3,321.83
	06/07/23	3,364.77	42.84	--	--	3,321.93
	09/07/23	3,364.77	42.97	--	--	3,321.80
	12/27/23	3,364.77	42.84	--	--	3,321.93
	06/25/25	3,364.77	42.70	--	--	3,322.07
	09/15/25	3,364.77	42.45	--	--	3,322.32
12/04/25	3,364.77	42.48	--	--	3,322.29	
MW-6 Screen unknown	06/05/19	3,364.32	42.88	--	--	3,321.44
	07/21/20	3,364.32	42.95	--	--	3,321.37
	07/30/21	3,364.32	43.12	--	--	3,321.20
	08/10/21	3,364.32	43.06	--	--	3,321.26

**Table 1  
Groundwater Gauging Data and Corrected Groundwater Depth  
Hilcorp Energy Company  
State C Tract 13  
Lea County, New Mexico**

Sample ID	Gauging Date	Top of Casing (ft)	Measured Depth To Groundwater (ft)	Measured Depth To LNAPL (ft)	Measured Thickness of LNAPL (ft)	Corrected Groundwater Depth (ft)
MW-6 (Cont)	08/11/21	3,364.32	43.08	--	--	3,321.24
	03/03/22	3,364.32	42.85	--	--	3,321.47
	05/26/22	3,364.32	42.89	--	--	3,321.43
	08/18/22	3,364.32	43.07	--	--	3,321.25
	12/16/22	3,364.32	42.98	--	--	3,321.34
	03/13/23	3,364.32	42.87	--	--	3,321.45
	06/07/23	3,364.32	42.79	--	--	3,321.53
	09/07/23	3,364.32	42.86	--	--	3,321.46
	12/27/23	3,364.32	42.76	--	--	3,321.56
	06/25/25	3,364.32	42.63	--	--	3,321.69
	09/15/25	3,364.32	42.36	--	--	3,321.96
12/04/25	3,364.32	42.39	--	--	3,321.93	
RW-1 Screen unknown	08/10/21	3,364.60	43.00	--	--	3,321.60
	08/11/21	3,364.60	43.09	--	--	3,321.51
	08/19/21	3,364.60	43.08	--	--	3,321.52
	03/03/22	3,364.60	42.75	--	--	3,321.85
	05/26/22	3,364.60	42.75	--	--	3,321.85
	08/18/22	3,364.60	42.86	--	--	3,321.74
	12/16/22	3,364.60	42.81	--	--	3,321.79
	03/13/23	3,364.60	42.67	--	--	3,321.93
	06/07/23	3,364.60	42.53	--	--	3,322.07
	09/07/23	3,364.60	42.65	--	--	3,321.95
	12/27/23	3,364.60	42.54	--	--	3,322.06
	06/25/25	3,364.60	41.46	--	--	3,323.14
	09/15/25	3,364.60	41.29	--	--	3,323.31
12/04/25	3,364.60	41.28	--	--	3,323.32	

**Table 2**  
**Groundwater Analytical Results**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Chlorides (mg/L)	TDS (mg/L)
MW-1	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	1.41	--	540	--
	07/30/21	--	--	--	--	--	242	352	1,200
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	3.28	--	426	1,290
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	403	1,370
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	2.23	--	465	1,240
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	1.52	--	400	1,450
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	410	1,300
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.66	--	501	1,990
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.89	--	513	1,560
	12/27/23	<0.00100	<0.00100	<0.00100	<0.00100	2.12	--	495	1,780
	06/25/25	0.00109	<0.00100	<0.00100	<0.02000	1.52	--	341	1,220
	09/16/25	<0.00100	<0.00100	<0.00100	<0.02000	2.28	85.5	351	1,350
12/04/25	<0.00100	<0.00100	<0.00100	<0.00300	2.06	139	504	979	
MW-2	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	0.314	--	5,330	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<5.00	--	3,540	6,140
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	3,520	7,850
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	1.74	--	6,300	8,030
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	0.341	--	2,140	4,700
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	1,880	4,790
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	2,010	4,060
	09/07/23	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	12/27/23	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	06/25/25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	09/16/25	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
12/04/25	Not	Enough	Water	To	Sample				
MW-3	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	0.0890	--	4,330	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<5.00	--	6,100	10,100
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	6,830	11,900
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	1.72	--	14,200	17,500
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	<1.00	--	7,180	11,600
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	7,330	17,300
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<2.00	--	7,780	14,800
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00200	<2.00	--	11,700	20,700
	12/27/23	<0.00100	<0.00100	<0.00100	<0.00100	10.8	--	7,960	17,100
	06/25/25	<0.00100	<0.00100	<0.00100	<0.00200	<0.500	--	7,290	15,800
	09/16/25	<0.00100	<0.00100	<0.00100	<0.00200	<0.500	306	7,340	17,100
12/04/25	<0.00100	<0.00100	<0.00100	<0.0030	1.42	282	6,600	11,200	
MW-4	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	0.303	--	776	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	3.03	--	472	1,340
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	510	1,510
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	1.14	--	664	1,787

**Table 2**  
**Groundwater Analytical Results**  
**Hilcorp Energy Company**  
**State C Tract 13**  
**Lea County, New Mexico**

Sample ID	Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Chlorides (mg/L)	TDS (mg/L)
MW-4 (Cont)	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	0.63	--	463	792
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	659	1,900
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	0.705	--	794	3,820
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<0.0500	--	1,050	2,370
	12/27/23	<0.00100	<0.00100	<0.00100	<0.00100	<0.500	--	760	2,210
	06/25/25	<0.00100	<0.00100	<0.00100	<0.00200	0.569	--	1,310	3,740
	09/16/25	<0.00100	<0.00100	<0.00100	<0.00200	0.877	298	1,420	4,230
	12/04/25	<0.00100	<0.00100	<0.00100	<0.0030	<1.00	262	1,450	2,640
MW-5	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	<0.0800	--	67.5	--
	07/30/21	--	--	--	--	--	419	144	1,340
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<1.00	--	100	1,020
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	101	968
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.500	--	366	2,970
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	<0.100	--	132	926
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	92.2	867
	06/07/23	<0.00200	<0.00200	<0.00200	<0.0400	<0.100	--	110	1,020
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	0.576	--	148	915
	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	<0.100	--	121	1,010
	06/25/25	0.00344	<0.00200	<0.00100	<0.00200	0.464	--	107	1,000
	09/16/25	<0.00100	<0.00100	<0.00100	<0.00200	0.510	340	136	1,440
12/04/25	<0.00100	<0.00100	<0.00100	<0.00300	1.090	121	232	1,120	
MW-6	06/05/19	<0.00100	<0.00100	<0.00100	<0.00300	1.42	--	274	--
	07/30/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	1.66	--	117	1,050
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	105	967
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	2.2	--	129	1,040
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	0.942	--	125	848
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	107	958
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.4	--	128	1,050
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	1.63	--	124	903
	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	1.35	--	96.7	871
	06/25/25	0.00228	<0.00100	<0.00100	<0.0100	1.33	--	107	960
	09/16/25	<0.00100	<0.00100	<0.00100	<0.00200	1.50	261	124	1,050
12/05/25	<0.00100	<0.00100	<0.00100	<0.00300	1.39	109	144	825	
RW-1	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	6.19	--	979	1,970
	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	931	2,020
	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	3.54	--	1,190	2,330
	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	2.14	--	979	864
	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	1,130	3,350
	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	2.21	--	1,500	3,290
	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	2.07	--	1,530	2,880
	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	1.84	--	1,440	3,570
	06/25/25	Not	Sampled	Pump	in well	not	working		
09/16/25	Not	Sampled	Pump	in well	not	working			

**Table 2  
Groundwater Analytical Results  
Hilcorp Energy Company  
State C Tract 13  
Lea County, New Mexico**

Sample ID	Date	Benzene (mg/L)	Ethylbenzene (mg/L)	Toluene (mg/L)	Xylenes (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Chlorides (mg/L)	TDS (mg/L)
RW-1 (Cont)	12/04/25	<0.001	<b>0.001</b>	<0.01	<0.003	<b>2.40</b>	<b>132</b>	<b>2,300</b>	<b>4,420</b>
Dup-1 (MW-1)	06/05/19	--	--	--	--	--	--	--	--
Dup-1 (MW-1)	07/30/21	--	--	--	--	--	<b>224</b>	<b>325</b>	<b>1,190</b>
Dup-1 (MW-1)	03/03/22	<0.00200	<0.00200	<0.00200	<0.00400	<b>2.78</b>	--	<b>407</b>	<b>1,330</b>
Dup-1 (RW-1)	05/26/22	<0.00200	<0.00200	<0.00200	<0.00400	<0.100	--	<b>966</b>	<b>2,040</b>
Dup-1 (RW-1)	08/18/22	<0.00200	<0.00200	<0.00200	<0.00400	<b>3.62</b>	--	<b>1,170</b>	<b>2,350</b>
Dup-1 (RW-1)	12/16/22	<0.00100	<0.00100	<0.00100	<0.00100	<b>2.11</b>	--	<b>822</b>	<b>1,620</b>
Dup-1 (RW-1)	03/13/23	<0.00100	<0.00100	<0.00100	<0.00100	--	--	<b>1,210</b>	<b>3,780</b>
Dup-1 (RW-1)	06/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<b>2.22</b>	--	<b>1,370</b>	<b>3,290</b>
Dup-1 (RW-1)	09/07/23	<0.00200	<0.00200	<0.00200	<0.00400	<b>1.49</b>	--	<b>1,640</b>	<b>3,010</b>
Dup-1 (RW-1)	12/27/23	<0.00100	<0.00100	<0.00100	<0.0100	<b>1.86</b>	--	<b>1,430</b>	<b>3,560</b>
NMWQCC Cleanup Standards		0.005	1.0	0.7	0.62	10	600	250	1,000

- exceeds regulatory limits

mg/L - milligram per Liter

Analysis performed by Eurofins Laboratories

<: indicates parameter concentration is below the analytical method reporting limits (RL)

\*: NMWQCC human health standard

**ATTACHMENT A: LABORATORY ANALYTICAL REPORTS AND  
CHAIN-OF-CUSTODY DOCUMENTS**

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Jeff Kindley  
NT Global

701 Tradewinds Blvd  
Midland, Texas 79706

Generated 10/9/2025 8:38:24 AM Revision 1

## JOB DESCRIPTION

State C Tract 13  
2510086

## JOB NUMBER

820-21076-1

Eurofins Lubbock  
6701 Aberdeen Ave.  
Suite 8  
Lubbock TX 79424



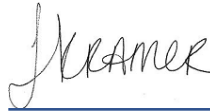
# Eurofins Lubbock

## Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

## Authorization



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Authorized for release by  
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Client: NT Global  
Project/Site: State C Tract 13

Laboratory Job ID: 820-21076-1  
SDG: 2510086

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## Definitions/Glossary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

## Qualifiers

## GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

## General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

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

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## Case Narrative

Client: NT Global  
Project: State C Tract 13

Job ID: 820-21076-1

**Job ID: 820-21076-1**

**Eurofins Lubbock**

### Job Narrative 820-21076-1

#### REVISION

The report being provided is a revision of the original report sent on 9/26/2025. The report (revision 1) is being revised due to Per client email, requesting nitrates to be removed from report. Nitrates were resampled.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

#### **Receipt**

The samples were received on 9/19/2025 4:59 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

#### **GC/MS VOA**

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-264315 recovered outside control limits for the following analytes: Benzene.

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

#### **HPLC/IC**

Method 300\_ORGFM\_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (820-21076-2), MW-4 (820-21076-3), MW-5 (820-21076-4) and MW-6 (820-21076-5). Elevated reporting limits (RLs) are provided.

Method 300\_ORGFM\_28D: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-263821 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-263821 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300\_ORGFMS: The following sample was diluted due to the abundance of non-target analytes: MW-3 (820-21076-2). Elevated reporting limits (RLs) are provided.

Method 300\_ORGFMS: The following samples were received outside of holding time: MW-1 (820-21076-1), MW-3 (820-21076-2), MW-4 (820-21076-3), MW-5 (820-21076-4) and MW-6 (820-21076-5).

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

#### **General Chemistry**

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

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### Client Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

**Client Sample ID: MW-1**

**Lab Sample ID: 820-21076-1**

Date Collected: 09/16/25 09:00

Matrix: Water

Date Received: 09/19/25 16:59

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			09/26/25 14:43	1
Toluene	<0.00100	U	0.00100		mg/L			09/26/25 14:43	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/26/25 14:43	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/26/25 14:43	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/26/25 14:43	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/26/25 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		09/26/25 14:43	1
4-Bromofluorobenzene (Surr)	96		74 - 124		09/26/25 14:43	1
Dibromofluoromethane (Surr)	97		75 - 131		09/26/25 14:43	1
Toluene-d8 (Surr)	101		80 - 120		09/26/25 14:43	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			09/26/25 14:43	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	351		0.500		mg/L			09/23/25 13:01	1
Sulfate	85.5		0.500		mg/L			09/23/25 13:01	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1350		20.0		mg/L			09/23/25 16:26	1

**Client Sample ID: MW-3**

**Lab Sample ID: 820-21076-2**

Date Collected: 09/16/25 10:00

Matrix: Water

Date Received: 09/19/25 16:59

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U *1	0.00100		mg/L			09/25/25 18:12	1
Toluene	<0.00100	U	0.00100		mg/L			09/25/25 18:12	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/25/25 18:12	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/25/25 18:12	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/25/25 18:12	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/25/25 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		09/25/25 18:12	1
4-Bromofluorobenzene (Surr)	95		74 - 124		09/25/25 18:12	1
Dibromofluoromethane (Surr)	98		75 - 131		09/25/25 18:12	1
Toluene-d8 (Surr)	98		80 - 120		09/25/25 18:12	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			09/25/25 18:12	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	306		1.00		mg/L			09/23/25 13:18	2

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### Client Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

**Client Sample ID: MW-3**  
 Date Collected: 09/16/25 10:00  
 Date Received: 09/19/25 16:59

**Lab Sample ID: 820-21076-2**  
 Matrix: Water

**Method: EPA 300.0 - Anions, Ion Chromatography - DL**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7340		10.0		mg/L			09/23/25 13:27	20

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	17100		100		mg/L			09/23/25 16:26	1

**Client Sample ID: MW-4**  
 Date Collected: 09/16/25 11:00  
 Date Received: 09/19/25 16:59

**Lab Sample ID: 820-21076-3**  
 Matrix: Water

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			09/26/25 00:21	1
Toluene	<0.00100	U	0.00100		mg/L			09/26/25 00:21	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/26/25 00:21	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/26/25 00:21	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/26/25 00:21	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/26/25 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		63 - 144		09/26/25 00:21	1
4-Bromofluorobenzene (Surr)	97		74 - 124		09/26/25 00:21	1
Dibromofluoromethane (Surr)	98		75 - 131		09/26/25 00:21	1
Toluene-d8 (Surr)	100		80 - 120		09/26/25 00:21	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			09/26/25 00:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		5.00		mg/L			09/23/25 14:02	10
Sulfate	298		5.00		mg/L			09/23/25 14:02	10

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4230		40.0		mg/L			09/23/25 16:26	1

**Client Sample ID: MW-5**  
 Date Collected: 09/16/25 12:00  
 Date Received: 09/19/25 16:59

**Lab Sample ID: 820-21076-4**  
 Matrix: Water

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			09/26/25 00:42	1
Toluene	<0.00100	U	0.00100		mg/L			09/26/25 00:42	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/26/25 00:42	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/26/25 00:42	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/26/25 00:42	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/26/25 00:42	1

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### Client Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

**Client Sample ID: MW-5**  
 Date Collected: 09/16/25 12:00  
 Date Received: 09/19/25 16:59

**Lab Sample ID: 820-21076-4**  
 Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 144		09/26/25 00:42	1
4-Bromofluorobenzene (Surr)	95		74 - 124		09/26/25 00:42	1
Dibromofluoromethane (Surr)	97		75 - 131		09/26/25 00:42	1
Toluene-d8 (Surr)	97		80 - 120		09/26/25 00:42	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			09/26/25 00:42	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		0.500		mg/L			09/23/25 14:11	1

**Method: EPA 300.0 - Anions, Ion Chromatography - DL**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	340		5.00		mg/L			09/23/25 14:19	10

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1440		20.0		mg/L			09/23/25 16:26	1

**Client Sample ID: MW-6**  
 Date Collected: 09/16/25 13:00  
 Date Received: 09/19/25 16:59

**Lab Sample ID: 820-21076-5**  
 Matrix: Water

**Method: SW846 8260D - Volatile Organic Compounds by GC/MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U *1	0.00100		mg/L			09/25/25 14:06	1
Toluene	<0.00100	U	0.00100		mg/L			09/25/25 14:06	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/25/25 14:06	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/25/25 14:06	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/25/25 14:06	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/25/25 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 144		09/25/25 14:06	1
4-Bromofluorobenzene (Surr)	98		74 - 124		09/25/25 14:06	1
Dibromofluoromethane (Surr)	99		75 - 131		09/25/25 14:06	1
Toluene-d8 (Surr)	100		80 - 120		09/25/25 14:06	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/L			09/25/25 14:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		0.500		mg/L			09/23/25 14:28	1

**Method: EPA 300.0 - Anions, Ion Chromatography - DL**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	261		5.00		mg/L			09/23/25 14:37	10

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### Client Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

**Client Sample ID: MW-6**  
Date Collected: 09/16/25 13:00  
Date Received: 09/19/25 16:59

**Lab Sample ID: 820-21076-5**  
Matrix: Water

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1050		10.0		mg/L			09/23/25 16:26	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

## Surrogate Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

## Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
820-21076-1	MW-1	120	96	97	101
820-21076-2	MW-3	120	95	98	98
820-21076-3	MW-4	121	97	98	100
820-21076-3 MS	MW-4	116	97	97	96
820-21076-4	MW-5	117	95	97	97
820-21076-5	MW-6	119	98	99	100
860-112326-B-8 MS	Matrix Spike	116	94	100	99
880-62930-B-7 MS	Matrix Spike	118	98	97	97
LCS 860-264315/3	Lab Control Sample	110	98	95	113
LCS 860-264483/3	Lab Control Sample	120	96	97	96
LCS 860-264589/3	Lab Control Sample	119	95	91	98
LCSD 860-264315/4	Lab Control Sample Dup	113	95	98	98
LCSD 860-264483/4	Lab Control Sample Dup	122	97	97	99
LCSD 860-264589/4	Lab Control Sample Dup	114	95	103	99
MB 860-264315/9	Method Blank	116	96	92	98
MB 860-264483/9	Method Blank	119	99	101	101
MB 860-264589/9	Method Blank	120	97	97	100

## Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
DBFM = Dibromofluoromethane (Surr)  
TOL = Toluene-d8 (Surr)

### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

#### Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-264315/9  
Matrix: Water  
Analysis Batch: 264315

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			09/25/25 10:41	1
Toluene	<0.00100	U	0.00100		mg/L			09/25/25 10:41	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/25/25 10:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/25/25 10:41	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/25/25 10:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/25/25 10:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 144		09/25/25 10:41	1
4-Bromofluorobenzene (Surr)	96		74 - 124		09/25/25 10:41	1
Dibromofluoromethane (Surr)	92		75 - 131		09/25/25 10:41	1
Toluene-d8 (Surr)	98		80 - 120		09/25/25 10:41	1

Lab Sample ID: LCS 860-264315/3  
Matrix: Water  
Analysis Batch: 264315

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05973		mg/L		119	75 - 125
Toluene	0.0500	0.05226		mg/L		105	75 - 130
Ethylbenzene	0.0500	0.05527		mg/L		111	75 - 125
m,p-Xylenes	0.0500	0.05551		mg/L		111	75 - 125
o-Xylene	0.0500	0.05419		mg/L		108	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		63 - 144
4-Bromofluorobenzene (Surr)	98		74 - 124
Dibromofluoromethane (Surr)	95		75 - 131
Toluene-d8 (Surr)	113		80 - 120

Lab Sample ID: LCSD 860-264315/4  
Matrix: Water  
Analysis Batch: 264315

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04550	*1	mg/L		91	75 - 125	27	25
Toluene	0.0500	0.05234		mg/L		105	75 - 130	0	25
Ethylbenzene	0.0500	0.05401		mg/L		108	75 - 125	2	25
m,p-Xylenes	0.0500	0.05544		mg/L		111	75 - 125	0	25
o-Xylene	0.0500	0.05484		mg/L		110	75 - 125	1	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		63 - 144
4-Bromofluorobenzene (Surr)	95		74 - 124
Dibromofluoromethane (Surr)	98		75 - 131
Toluene-d8 (Surr)	98		80 - 120

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### QC Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

#### Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 880-62930-B-7 MS**  
**Matrix: Water**  
**Analysis Batch: 264315**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U *1	0.0500	0.04319		mg/L		86	66 - 142
Toluene	<0.00100	U	0.0500	0.05013		mg/L		100	59 - 139
Ethylbenzene	<0.00100	U	0.0500	0.05146		mg/L		103	75 - 125
m,p-Xylenes	<0.00200	U	0.0500	0.05158		mg/L		103	75 - 125
o-Xylene	<0.00100	U	0.0500	0.05214		mg/L		104	75 - 125

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	118		63 - 144
4-Bromofluorobenzene (Surr)	98		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
Toluene-d8 (Surr)	97		80 - 120

**Lab Sample ID: MB 860-264483/9**  
**Matrix: Water**  
**Analysis Batch: 264483**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			09/25/25 22:18	1
Toluene	<0.00100	U	0.00100		mg/L			09/25/25 22:18	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/25/25 22:18	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/25/25 22:18	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/25/25 22:18	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/25/25 22:18	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 144		09/25/25 22:18	1
4-Bromofluorobenzene (Surr)	99		74 - 124		09/25/25 22:18	1
Dibromofluoromethane (Surr)	101		75 - 131		09/25/25 22:18	1
Toluene-d8 (Surr)	101		80 - 120		09/25/25 22:18	1

**Lab Sample ID: LCS 860-264483/3**  
**Matrix: Water**  
**Analysis Batch: 264483**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.03905		mg/L		78	75 - 125
Toluene	0.0500	0.04528		mg/L		91	75 - 130
Ethylbenzene	0.0500	0.04635		mg/L		93	75 - 125
m,p-Xylenes	0.0500	0.04694		mg/L		94	75 - 125
o-Xylene	0.0500	0.04756		mg/L		95	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	120		63 - 144
4-Bromofluorobenzene (Surr)	96		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
Toluene-d8 (Surr)	96		80 - 120

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### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

#### Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-264483/4  
Matrix: Water  
Analysis Batch: 264483

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04240		mg/L		85	75 - 125	8	25
Toluene	0.0500	0.04955		mg/L		99	75 - 130	9	25
Ethylbenzene	0.0500	0.05004		mg/L		100	75 - 125	8	25
m,p-Xylenes	0.0500	0.05012		mg/L		100	75 - 125	7	25
o-Xylene	0.0500	0.05042		mg/L		101	75 - 125	6	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	122		63 - 144
4-Bromofluorobenzene (Surr)	97		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 820-21076-3 MS  
Matrix: Water  
Analysis Batch: 264483

Client Sample ID: MW-4  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U	0.0500	0.04483		mg/L		90	66 - 142
Toluene	<0.00100	U	0.0500	0.05070		mg/L		101	59 - 139
Ethylbenzene	<0.00100	U	0.0500	0.05300		mg/L		106	75 - 125
m,p-Xylenes	<0.00200	U	0.0500	0.05257		mg/L		105	75 - 125
o-Xylene	<0.00100	U	0.0500	0.05337		mg/L		107	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		63 - 144
4-Bromofluorobenzene (Surr)	97		74 - 124
Dibromofluoromethane (Surr)	97		75 - 131
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: MB 860-264589/9  
Matrix: Water  
Analysis Batch: 264589

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/L			09/26/25 12:40	1
Toluene	<0.00100	U	0.00100		mg/L			09/26/25 12:40	1
Ethylbenzene	<0.00100	U	0.00100		mg/L			09/26/25 12:40	1
m,p-Xylenes	<0.00200	U	0.00200		mg/L			09/26/25 12:40	1
o-Xylene	<0.00100	U	0.00100		mg/L			09/26/25 12:40	1
Xylenes, Total	<0.00200	U	0.00200		mg/L			09/26/25 12:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 144		09/26/25 12:40	1
4-Bromofluorobenzene (Surr)	97		74 - 124		09/26/25 12:40	1
Dibromofluoromethane (Surr)	97		75 - 131		09/26/25 12:40	1
Toluene-d8 (Surr)	100		80 - 120		09/26/25 12:40	1

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### QC Sample Results

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

#### Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-264589/3  
Matrix: Water  
Analysis Batch: 264589

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04107		mg/L		82	75 - 125
Toluene	0.0500	0.04622		mg/L		92	75 - 130
Ethylbenzene	0.0500	0.04801		mg/L		96	75 - 125
m,p-Xylenes	0.0500	0.04776		mg/L		96	75 - 125
o-Xylene	0.0500	0.04721		mg/L		94	75 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	119		63 - 144
4-Bromofluorobenzene (Surr)	95		74 - 124
Dibromofluoromethane (Surr)	91		75 - 131
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 860-264589/4  
Matrix: Water  
Analysis Batch: 264589

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.04151		mg/L		83	75 - 125	1	25
Toluene	0.0500	0.04943		mg/L		99	75 - 130	7	25
Ethylbenzene	0.0500	0.05132		mg/L		103	75 - 125	7	25
m,p-Xylenes	0.0500	0.05158		mg/L		103	75 - 125	8	25
o-Xylene	0.0500	0.05126		mg/L		103	75 - 125	8	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	114		63 - 144
4-Bromofluorobenzene (Surr)	95		74 - 124
Dibromofluoromethane (Surr)	103		75 - 131
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 860-112326-B-8 MS  
Matrix: Water  
Analysis Batch: 264589

Client Sample ID: Matrix Spike  
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00100	U	0.0500	0.03703		mg/L		74	66 - 142
Toluene	<0.00100	U	0.0500	0.04395		mg/L		88	59 - 139
Ethylbenzene	<0.00100	U	0.0500	0.04532		mg/L		91	75 - 125
m,p-Xylenes	<0.00200	U	0.0500	0.04572		mg/L		91	75 - 125
o-Xylene	<0.00100	U	0.0500	0.04527		mg/L		91	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		63 - 144
4-Bromofluorobenzene (Surr)	94		74 - 124
Dibromofluoromethane (Surr)	100		75 - 131
Toluene-d8 (Surr)	99		80 - 120

### QC Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

**Method: 300.0 - Anions, Ion Chromatography**

Lab Sample ID: MB 860-263821/3  
 Matrix: Water  
 Analysis Batch: 263821

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			09/23/25 11:25	1
Sulfate	<0.500	U	0.500		mg/L			09/23/25 11:25	1

Lab Sample ID: LCS 860-263821/4  
 Matrix: Water  
 Analysis Batch: 263821

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.16		mg/L		102	90 - 110
Sulfate	10.0	10.14		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-263821/5  
 Matrix: Water  
 Analysis Batch: 263821

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.27		mg/L		103	90 - 110	1	20
Sulfate	10.0	10.27		mg/L		103	90 - 110	1	20

Lab Sample ID: LLCS 860-263821/7  
 Matrix: Water  
 Analysis Batch: 263821

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5726		mg/L		115	50 - 150
Sulfate	0.500	0.4328	J	mg/L		87	50 - 150

Lab Sample ID: 820-21071-C-1 MS  
 Matrix: Water  
 Analysis Batch: 263821

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	159		10.0	166.9	4	mg/L		84	90 - 110

Lab Sample ID: 820-21071-C-1 MSD  
 Matrix: Water  
 Analysis Batch: 263821

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	159		10.0	166.9	4	mg/L		84	90 - 110	0	15

Lab Sample ID: 860-112284-B-1 MS  
 Matrix: Water  
 Analysis Batch: 263821

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	200	215.5		mg/L		103	90 - 110
Sulfate	2380		200	2557	4	mg/L		86	90 - 110

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### QC Sample Results

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

#### Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-112284-B-1 MSD  
 Matrix: Water  
 Analysis Batch: 263821

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	200	215.2		mg/L		103	90 - 110	0	15
Sulfate	2380		200	2544	4	mg/L		80	90 - 110	0	15

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

Lab Sample ID: MB 860-263920/1  
 Matrix: Water  
 Analysis Batch: 263920

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			09/23/25 16:26	1

Lab Sample ID: LCS 860-263920/2  
 Matrix: Water  
 Analysis Batch: 263920

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	973.0		mg/L		97	80 - 120

Lab Sample ID: 820-21069-A-2 DU  
 Matrix: Water  
 Analysis Batch: 263920

Client Sample ID: Duplicate  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1390		1306		mg/L		6	10

## QC Association Summary

Client: NT Global  
Project/Site: State C Tract 13Job ID: 820-21076-1  
SDG: 2510086

## GC/MS VOA

## Analysis Batch: 264315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21076-2	MW-3	Total/NA	Water	8260D	
820-21076-5	MW-6	Total/NA	Water	8260D	
MB 860-264315/9	Method Blank	Total/NA	Water	8260D	
LCS 860-264315/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-264315/4	Lab Control Sample Dup	Total/NA	Water	8260D	
880-62930-B-7 MS	Matrix Spike	Total/NA	Water	8260D	

## Analysis Batch: 264483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21076-3	MW-4	Total/NA	Water	8260D	
820-21076-4	MW-5	Total/NA	Water	8260D	
MB 860-264483/9	Method Blank	Total/NA	Water	8260D	
LCS 860-264483/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-264483/4	Lab Control Sample Dup	Total/NA	Water	8260D	
820-21076-3 MS	MW-4	Total/NA	Water	8260D	

## Analysis Batch: 264589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21076-1	MW-1	Total/NA	Water	8260D	
MB 860-264589/9	Method Blank	Total/NA	Water	8260D	
LCS 860-264589/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-264589/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-112326-B-8 MS	Matrix Spike	Total/NA	Water	8260D	

## Analysis Batch: 264811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21076-1	MW-1	Total/NA	Water	Total BTEX	
820-21076-2	MW-3	Total/NA	Water	Total BTEX	
820-21076-3	MW-4	Total/NA	Water	Total BTEX	
820-21076-4	MW-5	Total/NA	Water	Total BTEX	
820-21076-5	MW-6	Total/NA	Water	Total BTEX	

## HPLC/IC

## Analysis Batch: 263821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21076-1	MW-1	Total/NA	Water	300.0	
820-21076-2	MW-3	Total/NA	Water	300.0	
820-21076-2 - DL	MW-3	Total/NA	Water	300.0	
820-21076-3	MW-4	Total/NA	Water	300.0	
820-21076-4	MW-5	Total/NA	Water	300.0	
820-21076-4 - DL	MW-5	Total/NA	Water	300.0	
820-21076-5	MW-6	Total/NA	Water	300.0	
820-21076-5 - DL	MW-6	Total/NA	Water	300.0	
MB 860-263821/3	Method Blank	Total/NA	Water	300.0	
LCS 860-263821/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-263821/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-263821/7	Lab Control Sample	Total/NA	Water	300.0	
820-21071-C-1 MS	Matrix Spike	Total/NA	Water	300.0	
820-21071-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
860-112284-B-1 MS	Matrix Spike	Total/NA	Water	300.0	

Eurofins Lubbock

### QC Association Summary

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

#### HPLC/IC (Continued)

##### Analysis Batch: 263821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-112284-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

#### General Chemistry

##### Analysis Batch: 263920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-21076-1	MW-1	Total/NA	Water	SM 2540C	
820-21076-2	MW-3	Total/NA	Water	SM 2540C	
820-21076-3	MW-4	Total/NA	Water	SM 2540C	
820-21076-4	MW-5	Total/NA	Water	SM 2540C	
820-21076-5	MW-6	Total/NA	Water	SM 2540C	
MB 860-263920/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-263920/2	Lab Control Sample	Total/NA	Water	SM 2540C	
820-21069-A-2 DU	Duplicate	Total/NA	Water	SM 2540C	

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### Lab Chronicle

Client: NT Global  
 Project/Site: State C Tract 13

Job ID: 820-21076-1  
 SDG: 2510086

**Client Sample ID: MW-1**

**Lab Sample ID: 820-21076-1**

Date Collected: 09/16/25 09:00

Matrix: Water

Date Received: 09/19/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	264589	09/26/25 14:43	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			264811	09/26/25 14:43	KLV	EET HOU
Total/NA	Analysis	300.0		1			263821	09/23/25 13:01	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	263920	09/23/25 16:26	AP	EET HOU

**Client Sample ID: MW-3**

**Lab Sample ID: 820-21076-2**

Date Collected: 09/16/25 10:00

Matrix: Water

Date Received: 09/19/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	264315	09/25/25 18:12	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			264811	09/25/25 18:12	KLV	EET HOU
Total/NA	Analysis	300.0		2			263821	09/23/25 13:18	WP	EET HOU
Total/NA	Analysis	300.0	DL	20			263821	09/23/25 13:27	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	263920	09/23/25 16:26	AP	EET HOU

**Client Sample ID: MW-4**

**Lab Sample ID: 820-21076-3**

Date Collected: 09/16/25 11:00

Matrix: Water

Date Received: 09/19/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	264483	09/26/25 00:21	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			264811	09/26/25 00:21	KLV	EET HOU
Total/NA	Analysis	300.0		10			263821	09/23/25 14:02	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	263920	09/23/25 16:26	AP	EET HOU

**Client Sample ID: MW-5**

**Lab Sample ID: 820-21076-4**

Date Collected: 09/16/25 12:00

Matrix: Water

Date Received: 09/19/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	264483	09/26/25 00:42	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			264811	09/26/25 00:42	KLV	EET HOU
Total/NA	Analysis	300.0		1			263821	09/23/25 14:11	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			263821	09/23/25 14:19	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	263920	09/23/25 16:26	AP	EET HOU

**Client Sample ID: MW-6**

**Lab Sample ID: 820-21076-5**

Date Collected: 09/16/25 13:00

Matrix: Water

Date Received: 09/19/25 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	264315	09/25/25 14:06	MS	EET HOU
Total/NA	Analysis	Total BTEX		1			264811	09/25/25 14:06	KLV	EET HOU

Eurofins Lubbock

# Lab Chronicle

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

**Client Sample ID: MW-6**

**Lab Sample ID: 820-21076-5**

**Date Collected: 09/16/25 13:00**

**Matrix: Water**

**Date Received: 09/19/25 16:59**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			263821	09/23/25 14:28	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			263821	09/23/25 14:37	WP	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	263920	09/23/25 16:26	AP	EET HOU

**Laboratory References:**

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

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# Accreditation/Certification Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

## Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Water	Total BTEX

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# Method Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
5030C	Purge and Trap	SW846	EET HOU

**Protocol References:**

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



# Sample Summary

Client: NT Global  
Project/Site: State C Tract 13

Job ID: 820-21076-1  
SDG: 2510086

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
820-21076-1	MW-1	Water	09/16/25 09:00	09/19/25 16:59	Texas
820-21076-2	MW-3	Water	09/16/25 10:00	09/19/25 16:59	Texas
820-21076-3	MW-4	Water	09/16/25 11:00	09/19/25 16:59	Texas
820-21076-4	MW-5	Water	09/16/25 12:00	09/19/25 16:59	Texas
820-21076-5	MW-6	Water	09/16/25 13:00	09/19/25 16:59	Texas

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Loc: 820  
21076

Chain of Custody



Project Manager: Jeff Kindley  
 Company Name: NTG Environmental  
 Address: 701 Tradewinds Blvd.  
 City, State ZIP: Midland TX, 79701  
 Phone: 432-766-1918  
 Email: jkindley@ntgglobal.com, bhaskell@ntgglobal.com

Bill to: (if different) Same  
 Company Name:  
 Address:  
 City, State ZIP:

Work Order Comments  
 Program: UST/PS  PR  Brownfield  R  Superfund   
 State of Project:  
 Reporting Level  Level  PST/UT  TR  L  L   
 Deliverables: EDD  ADA  ADaPT  Other:

Project Name: State C Tract 13  
 Project Number: 2510086  
 Project Location: Lea County, New Mexico  
 Sampler's Name: Nick Hart  
 PO #:

Turn Around  
 Routine  Rush  
 Due Date:  
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes  No   
 Received Intact: Yes  No   
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Total Containers: 15

Wet Ice: Yes  No   
 Thermometer ID: 12.4  
 Correction Factor: 30.2  
 Temperature Reading: 7.4  
 Corrected Temperature: 7.2

Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST					Preservative Codes
								Chloride 4500 CL-B	TDS (SM 2540C)	Nitrate 300.0	Sulfate 300.0	HOLD	
MW-1		09/16/25	9:00		X	Grab/	5	X	X				None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
MW-3		09/16/25	10:00		X	Grab/	5	X	X				
MW-4		09/16/25	11:00		X	Grab/	5	X	X				
MW-5		09/16/25	12:00		X	Grab/	5	X	X				
MW-6		09/16/25	1:00		X	Grab/	5	X	X				

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Nick Hart	[Signature]	09/16/25 10:59	[Signature]	[Signature]	



**Eurofins Lubbock**  
 6701 Aberdeen Ave, Suite 8  
 Lubbock, TX 79424  
 Phone: 806-794-1296

**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b>		Sampler: N/A	Lab P/N: Kramer, Jessica	Carrier/Tracking No(s): N/A	COC No.: 820-1198-1
Shipping/Receiving: N/A	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: Page 1 of 1	Job #: 820-21076-1
Company: Eurofins Environment Testing South Cent		Date Date Requested: 9/26/2025	Accreditations Required (See note): NELAP Texas		Preservation Codes:
Address: 4145 Greenbriar Dr		TAT Requested (days): N/A	<b>Analysis Requested</b>		
City: Stafford	PO #: N/A	Project #: 89000222	Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/>		
State, Zip: TX, 77477	MO #: N/A	SSOW#: N/A	Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/>		
Phone: 281-240-4200(Tel)	Project #: 89000222	Other: N/A	Total_BTEX		
Email: N/A	SSOW#: N/A		8280D/5030CBTEX		
Project Name: State C Tract 13			300_ORGFM_28D(MOD) Custom List		
Site: N/A			300_ORGFMS(MOD) Nitrate and Nitrite as N		
			2540C_Calcd		
			Total Number of containers		
			Special Instructions/Note:		
<b>Sample Identification - Client ID (Lab ID)</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type (C=Comp, G=Grab)</b>	<b>Matrix (Water, Soil, Sediment, etc.)</b>	<b>Preservation Code</b>
MMW-1 (820-21076-1)	9/16/25	09:00	Central	G	Water
MMW-3 (820-21076-2)	9/16/25	10:00	Central	G	Water
MMW-4 (820-21076-3)	9/16/25	11:00	Central	G	Water
MMW-5 (820-21076-4)	9/16/25	12:00	Central	G	Water
MMW-6 (820-21076-5)	9/16/25	13:00	Central	G	Water

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

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

Empty  Seal Inquired by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Custody Seal Intact:  Yes  No  
 Custody Seal No. \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

### Login Sample Receipt Checklist

Client: NT Global

Job Number: 820-21076-1

SDG Number: 2510086

Login Number: 21076

List Number: 1

Creator: Guillen, Kyrstin

List Source: Eurofins Lubbock

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

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### Login Sample Receipt Checklist

Client: NT Global

Job Number: 820-21076-1

SDG Number: 2510086

**Login Number: 21076**

**List Number: 2**

**Creator: Torrez, Lisandra**

**List Source: Eurofins Houston**

**List Creation: 09/23/25 11:41 AM**

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

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 10, 2025

JEFF KINDLEY  
NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND, TX 79706

RE: STATE C

Enclosed are the results of analyses for samples received by the laboratory on 12/04/25 14:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2      Total Haloacetic Acids (HAA-5)  
Method EPA 524.2      Total Trihalomethanes (TTHM)  
Method EPA 524.4      Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B      Total Coliform and E. coli (Colilert MMO-MUG)  
Method EPA 524.2      Regulated VOCs and Total Trihalomethanes (TTHM)  
Method EPA 552.2      Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW - 1	H257563-01	Water	04-Dec-25 11:10	04-Dec-25 14:14
MW - 3	H257563-02	Water	04-Dec-25 11:40	04-Dec-25 14:14
MW - 4	H257563-03	Water	04-Dec-25 12:00	04-Dec-25 14:14
MW - 5	H257563-04	Water	04-Dec-25 12:15	04-Dec-25 14:14
MW - 6	H257563-05	Water	04-Dec-25 13:00	04-Dec-25 14:14
RW - 1	H257563-06	Water	04-Dec-25 13:15	04-Dec-25 14:14

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**MW - 1**

**H257563-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride*	504		4.00	mg/L	1	5120402	AC	04-Dec-25	4500-Cl-B	
Nitrate as N	2.06		1.00	mg/L	1	5120516	AC	05-Dec-25	353.3	QM-07
Sulfate*	139		25.0	mg/L	2.5	5120541	AC	05-Dec-25	375.4	
TDS*	979		5.00	mg/L	1	5120407	KH	04-Dec-25	160.1	

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Toluene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total BTEX	<0.006		0.006	mg/L	1	5120233	JH	04-Dec-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			110 %			80.3-128	5120233	JH	04-Dec-25	8021B

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**MW - 3**

**H257563-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride*	6600		4.00	mg/L	1	5120402	AC	04-Dec-25	4500-Cl-B	
Nitrate as N	1.42		1.00	mg/L	1	5120516	AC	05-Dec-25	353.3	
Sulfate*	282		50.0	mg/L	5	5120541	AC	05-Dec-25	375.4	
TDS*	11200		5.00	mg/L	1	5120407	KH	04-Dec-25	160.1	

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Toluene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total BTEX	<0.006		0.006	mg/L	1	5120233	JH	04-Dec-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 80.3-128 5120233 JH 04-Dec-25 8021B

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**MW - 4**

**H257563-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride*	1450		4.00	mg/L	1	5120402	AC	04-Dec-25	4500-Cl-B	
Nitrate as N	<1.00		1.00	mg/L	1	5120516	AC	05-Dec-25	353.3	
Sulfate*	262		50.0	mg/L	5	5120541	AC	05-Dec-25	375.4	
TDS*	2640		5.00	mg/L	1	5120407	KH	04-Dec-25	160.1	

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Toluene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total BTEX	<0.006		0.006	mg/L	1	5120233	JH	04-Dec-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 80.3-128 5120233 JH 04-Dec-25 8021B

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**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**MW - 5**

**H257563-04 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride*	232		4.00	mg/L	1	5120402	AC	04-Dec-25	4500-Cl-B	
Nitrate as N	1.09		1.00	mg/L	1	5120516	AC	05-Dec-25	353.3	
Sulfate*	121		25.0	mg/L	2.5	5120541	AC	05-Dec-25	375.4	
TDS*	1120		5.00	mg/L	1	5120407	KH	04-Dec-25	160.1	

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Toluene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total BTEX	<0.006		0.006	mg/L	1	5120233	JH	04-Dec-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 80.3-128 5120233 JH 04-Dec-25 8021B

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**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**MW - 6  
H257563-05 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride*	144		4.00	mg/L	1	5120402	AC	04-Dec-25	4500-Cl-B	
Nitrate as N	1.39		1.00	mg/L	1	5120516	AC	05-Dec-25	353.3	
Sulfate*	109		25.0	mg/L	2.5	5120541	AC	05-Dec-25	375.4	
TDS*	825		5.00	mg/L	1	5120407	KH	04-Dec-25	160.1	

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Toluene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total BTEX	<0.006		0.006	mg/L	1	5120233	JH	04-Dec-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 80.3-128 5120233 JH 04-Dec-25 8021B

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**Analytical Results For:**

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**RW - 1**

**H257563-06 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride*	2300		4.00	mg/L	1	5120402	AC	04-Dec-25	4500-Cl-B	
Nitrate as N	2.40		1.00	mg/L	1	5120516	AC	05-Dec-25	353.3	
Sulfate*	132		25.0	mg/L	2.5	5120541	AC	05-Dec-25	375.4	
TDS*	4420		5.00	mg/L	1	5120407	KH	04-Dec-25	160.1	

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Toluene*	0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Ethylbenzene*	<0.001		0.001	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total Xylenes*	<0.003		0.003	mg/L	1	5120233	JH	04-Dec-25	8021B	
Total BTEX	<0.006		0.006	mg/L	1	5120233	JH	04-Dec-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 80.3-128 5120233 JH 04-Dec-25 8021B

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**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**Inorganic Compounds - Quality Control**  
**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5120402 - General Prep - Wet Chem**

<b>Blank (5120402-BLK1)</b>										
Prepared & Analyzed: 04-Dec-25										
Chloride	ND	4.00	mg/L							
<b>LCS (5120402-BS1)</b>										
Prepared & Analyzed: 04-Dec-25										
Chloride	104	4.00	mg/L	100		104	80-120			
<b>LCS Dup (5120402-BSD1)</b>										
Prepared & Analyzed: 04-Dec-25										
Chloride	104	4.00	mg/L	100		104	80-120	0.00	20	

**Batch 5120407 - Filtration**

<b>Blank (5120407-BLK1)</b>										
Prepared & Analyzed: 04-Dec-25										
TDS	ND	5.00	mg/L							
<b>LCS (5120407-BS1)</b>										
Prepared & Analyzed: 04-Dec-25										
TDS	478		mg/L	495		96.6	80-120			
<b>Duplicate (5120407-DUP1)</b>										
Source: H257488-01 Prepared & Analyzed: 04-Dec-25										
TDS	361	5.00	mg/L		351			2.81	20	

**Batch 5120516 - General Prep - Wet Chem**

<b>Blank (5120516-BLK1)</b>										
Prepared & Analyzed: 05-Dec-25										
Nitrate as N	ND	1.00	mg/L							
<b>LCS (5120516-BS1)</b>										
Prepared & Analyzed: 05-Dec-25										
Nitrate as N	4.80	1.00	mg/L	5.00		96.0	80-120			

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**Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5120516 - General Prep - Wet Chem**

<b>Duplicate (5120516-DUP1)</b>		<b>Source: H257563-01</b>			Prepared & Analyzed: 05-Dec-25					
Nitrate as N	2.26	1.00	mg/L		2.06			9.63	20	
<b>Matrix Spike (5120516-MS1)</b>		<b>Source: H257563-01</b>			Prepared & Analyzed: 05-Dec-25					
Nitrate as N	4.86	1.00	mg/L	5.00	2.06	56.0	80-120			QM-07

**Batch 5120541 - General Prep - Wet Chem**

<b>Blank (5120541-BLK1)</b>		Prepared & Analyzed: 05-Dec-25								
Sulfate	ND	10.0	mg/L							
<b>LCS (5120541-BS1)</b>		Prepared & Analyzed: 05-Dec-25								
Sulfate	22.0	10.0	mg/L	20.0		110	80-120			
<b>LCS Dup (5120541-BSD1)</b>		Prepared & Analyzed: 05-Dec-25								
Sulfate	19.6	10.0	mg/L	20.0		98.0	80-120	11.3	20	

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NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: STATE C Project Number: 2510088 Project Manager: JEFF KINDLEY Fax To:	Reported: 10-Dec-25 15:14
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**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5120233 - Volatiles**

**Blank (5120233-BLK1)**

Prepared: 02-Dec-25 Analyzed: 04-Dec-25

Benzene	ND	0.001	mg/L							
Toluene	ND	0.001	mg/L							
Ethylbenzene	ND	0.001	mg/L							
Total Xylenes	ND	0.003	mg/L							
Total BTEX	ND	0.006	mg/L							
Surrogate: 4-Bromofluorobenzene (PID)	0.0559		mg/L	0.0500		112	80.3-128			

**LCS (5120233-BS1)**

Prepared: 02-Dec-25 Analyzed: 04-Dec-25

Benzene	0.019	0.001	mg/L	0.0200		96.6	79.8-121			
Toluene	0.020	0.001	mg/L	0.0200		98.6	81.2-123			
Ethylbenzene	0.020	0.001	mg/L	0.0200		100	79.7-124			
m,p-Xylene	0.040	0.002	mg/L	0.0400		99.6	82.9-124			
o-Xylene	0.020	0.001	mg/L	0.0200		101	83-122			
Total Xylenes	0.060	0.003	mg/L	0.0600		100	83.7-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0529		mg/L	0.0500		106	80.3-128			

**LCS Dup (5120233-BSD1)**

Prepared: 02-Dec-25 Analyzed: 04-Dec-25

Benzene	0.019	0.001	mg/L	0.0200		95.4	79.8-121	1.22	7.58	
Toluene	0.019	0.001	mg/L	0.0200		96.2	81.2-123	2.52	8.87	
Ethylbenzene	0.020	0.001	mg/L	0.0200		98.6	79.7-124	1.92	9.72	
m,p-Xylene	0.039	0.002	mg/L	0.0400		96.8	82.9-124	2.93	9.68	
o-Xylene	0.020	0.001	mg/L	0.0200		97.9	83-122	3.00	9.43	
Total Xylenes	0.058	0.003	mg/L	0.0600		97.1	83.7-123	2.95	9.45	
Surrogate: 4-Bromofluorobenzene (PID)	0.0523		mg/L	0.0500		105	80.3-128			

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



State of New Mexico  
Energy, Minerals and Natural Resources Department

---

**Michelle Lujan Grisham**  
Governor

**Erin Taylor**  
Acting Cabinet Secretary

**Ben Shelton**  
Deputy Cabinet Secretary

**Albert C.S. Chang**, Director  
Oil Conservation Division



March 30, 2026

Hilcorp Energy  
Company 1111 Travis  
Street Houston, TX 77002

**RE: Notification of Abatement for nAPM2326552978 STATE C TRACT 13,  
located in Unit letter E, Section 36, Township 21 South, Range 37 East,  
in Lea County, New Mexico**

Dear Mr. Vicenik:

The New Mexico Oil Conservation Division (OCD) has reviewed Hilcorp Energy Company OGRID 372171's (Hilcorp) *1st and 2nd 2025 Semi-Annual Groundwater Monitoring Reports*, submitted February 12, 2026, under application ID: 553414 for the STATE C TRACT 13, Facility ID: fEEM0332154639, Incident ID# nAPM2326552978.

OCD has determined from the submitted reports that groundwater has been impacted by Oil & Gas activity in excess of the standards outlined in 19.15.30.9 NMAC. Pursuant to 19.15.30 NMAC, OCD is requiring Hilcorp to submit an abatement plan pursuant to 19.15.30.11 NMAC and Subsection A of 19.15.30.14 NMAC. Hilcorp must submit a complete Stage 1 Abatement Plan proposal to OCD Permitting within 60 days of receipt of this letter. Hilcorp may submit stage 1 and stage 2 abatement plan proposals together.

The public may view a copy of the *1st and 2nd 2025 Semi-Annual Groundwater Monitoring Reports* and the conditions online from OCD permitting under Incident ID# nAPM2326552978 at <http://www.emnrd.state.nm.us/ocd/>.

If Hilcorp Energy Company has any questions or concerns regarding this letter, please contact Brittany Hall at (505) 517-5333 or [Brittany.Hall@emnrd.nm.gov](mailto:Brittany.Hall@emnrd.nm.gov).

Sincerely,

*Rosa M. Romero*

Rosa Romero  
Environmental Bureau Chief

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 553414

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 553414
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

**CONDITIONS**

Created By	Condition	Condition Date
bhall	Reports accepted for record.	3/30/2026
bhall	OCD is requiring a Stage I Abatement plan be submitted within 60 days of the receipt of the letter attached to this application. A copy of this letter will also be emailed to the operator.	3/30/2026
bhall	A Stage I Abatement Plan must be submitted through the OCD Permitting website by May 30, 2026.	3/30/2026