



Chris Brand

Environmental Remediation/ Facility Decom Advisor

VIA ELECTRONIC MAIL

March 24, 2026

New Mexico Oil Conservation Division
District I
1625 N. French Drive
Hobbs, New Mexico 88240

**First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670
Case No. 1RP-1993**

Dear Whom it May Concern:

Please find enclosed the following report:

West Lovington Unit #063- First Quarter 2026 Groundwater Monitoring Report

The report was prepared by Arcadis U.S., Inc. (Arcadis) on behalf of Chevron Environmental Management Company (CEMC) for Chevron U.S.A. Inc, to document on-going groundwater monitoring activities at the Site.

If you have any questions regarding this submittal, please contact either Morgan Jordan with Arcadis by phone at (281) 644 9437 or by email at douglas.jordan@arcadis.com or myself at (661) 401-0359 or by email at chrisbrand@chevron.com.

Sincerely,

Chris Brand

Encl. West Lovington Unit #063 – First Quarter 2026 Groundwater Monitoring Report

cc. Morgan Jordan – Arcadis, douglas.jordan@arcadis.com

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Chevron Environmental Management Company

First Quarter 2026 Groundwater Monitoring Report

West Lovington Unit #063

Incident # nPLM0830339670

Case No. 1RP-1993

Lea County, New Mexico

March 2026

First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670

First Quarter 2026 Groundwater Monitoring Report

West Lovington Unit #063
Incident # nPLM0830339670
Case No. 1RP-1993
Lea County, New Mexico

March 2026

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First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670

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First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670

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First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670

1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this Groundwater Monitoring Report for Chevron Environmental Management Company (CEMC) on behalf of Chevron U.S.A. Inc., through its division Chevron North America Exploration and Production Company, which summarizes the first quarter 2026 groundwater monitoring event and activities conducted at the West Lovington Unit #063 (Site) located at coordinates: 32.852454, -103.364926.

2 Project Summary

The Site is located on private owned land approximately 6.29 miles south of the City of Lovington in Unit D, Section 9, Township 17 South, Range 36 East, Lea County, New Mexico. The site is located within a low karst area. A Site Location Map is included as **Figure 1** and a Site Details Map as **Figure 2**.

According to the Initial C-141 Form, on April 1, 2007, a soil boring investigation was conducted at Site No. 173609C located adjacent to the Unit Boundary of the West Lovington Unit. Two separate boreholes indicated the presence of chloride, benzene, toluene, ethylbenzene, xylenes (BTEX), and various hydrocarbon chains at concentrations sufficient to warrant further investigation. Verbal notification of potential groundwater impact was made to Chris Williams at the local New Mexico Oil Conservation Division (NMOCD) district office on February 1, 2008. The time and source of the impacting event (release) is unknown. The Initial C-141 Form was approved on October 29, 2008, and assigned remediation permit number 1RP-1993 and incident number nPLM0830339670.

During the initial site inspection by Arcadis in January 2021, four unregistered monitoring wells were identified on Site. The monitor wells were initially gauged for the first time in February 2021. On April 3, 2025, the monitoring wells were re-developed utilizing Environmental Protection Agency (EPA) Standard Methods due to it being unknown when they were installed. The monitor wells were sampled for the first time by Arcadis on behalf of Chevron on April 15-16, 2025. This was the first/ initial groundwater sampling event conducted at the Site.

The NMOCD issued its initial request for groundwater monitoring data in conjunction with the soil remediation closure approval, specifying that the data be submitted no later than September 8, 2025. In accordance with this requirement, the initial groundwater monitoring data was submitted to NMOCD on September 4, 2025, ensuring compliance with the stated deadline.

The NMOCD approved the 2025 Groundwater Monitoring Report on December 29, 2025, with the following conditions:

- Continue quarterly monitoring and sampling in all Site wells.
- Continue LNAPL gauging/recovery on a quarterly basis. If LNAPL levels increase, gauging /recovery shall be increased to monthly events.
- A Stage 1 and 2 Abatement Plan will be submitted by February 27, 2026.
- Quarterly reports shall follow each event.

In accordance with this requirement, a Stage 1 and 2 Abatement Plan was submitted to NMOCD on February 20, 2026, ensuring compliance with the stated deadline.

First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670

3 Groundwater Monitoring Results

The Site is currently monitored with a network of four monitoring wells. Arcadis performed the first quarter 2026 groundwater sampling event on February 23, 2026. The monitoring wells are shown in **Figure 2**. Field monitoring methodologies are described in **Appendix A**.

The groundwater samples were analyzed for:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by Method 8260D,
- Chloride by Method 300.0,
- Total Dissolved Solids (TDS) by Method 2540,
- Total petroleum hydrocarbons (TPH) by 8015D, and
- Additionally, geochemical parameters for monitored natural attenuation (MNA), Sulfate and Iron by Methods 300.0 and 6020B.

3.1 Groundwater Gauging Data

Groundwater measurements collected during the first quarter 2026 monitoring event indicated:

- Groundwater elevations ranged from 3827.18 feet above mean sea level (ft AMSL) (MW-2) to 3,827.66 ft AMSL (MW-4) during the event.
- The groundwater flow was to the southeast and the calculated gradient was 0.0033 ft/ft.

Groundwater gauging and elevation data for the sampling event is presented in **Table 1**. The groundwater potentiometric surface map for the sampling event is presented in **Figure 3**. A cumulative summary of groundwater gauging data is presented in **Appendix B**.

3.2 LNAPL Occurrence and Recovery

LNAPL was present in one monitor well (MW-3) during the first quarter of 2026.

- The range of LNAPL thicknesses gauged in the first quarter during monthly LNAPL gauging and recovery activities were 0.14 feet to 0.30 feet in MW-3.

LNAPL thicknesses gauged in the first quarter 2026 are included in **Table 1**, with historical gauging data in **Appendix B**. The distribution and extent of LNAPL during the first quarter 2026 groundwater monitoring event is presented in **Figure 3**.

3.2.1 LNAPL Recovery

- The amount of LNAPL/water mixture recovered in 2025 during well re-development and the initial groundwater monitoring event was approximately 11 gallons.
- Monthly LNAPL gauging and recovery activities by hand bailing were initiated in February 2026.
- The amount of LNAPL/water mixture recovered during the first quarter 2026 was approximately 3 gallons.
- Collectively, an approximate total of 14 gallons of LNAPL/water mixture have been recovered from the Site since 2025.

First Quarter 2026 Groundwater Monitoring Report
West Lovington Unit #063
Incident # nPLM0830339670

3.3 Groundwater Analytical Results

During the first quarter 2026 monitoring event three of the four monitoring wells (MW-1, MW-2, and MW-4) were sampled. MW-3 contained LNAPL, therefore was not sampled.

Groundwater analytical results for BTEX, chloride, and Total Dissolved Solids (TDS) were compared to the New Mexico Environment Department Water Quality Control Commission (NMWQCC) Groundwater Standards. The NMWQCC has no set standard for total petroleum hydrocarbons (TPH). A summary of the groundwater sample analytical results is presented in **Table 2**. The groundwater geochemical measurements are presented in **Table 3**. The groundwater sample analytical results for monitored natural attenuation parameters, Sulfate and Iron are presented in **Table 4**. The analytical results map for the event is presented in **Figures 4**. A cumulative summary of groundwater analytical results is presented in **Appendix C**. A copy of the certified analytical report from Pace Analytical is provided in **Appendix D**. The first quarter 2026 analytical results are further summarized below.

3.3.1 BTEX

- BTEX concentrations were reported as not detected at or above the method detection limit.

3.3.2 Chloride

- Chloride concentrations were reported below the NMWQCC standard.

3.3.3 TDS

- TDS concentrations were reported below the NMWQCC standard.

3.3.4 TPH

- TPH was detected in one monitoring well (MW-1) at a concentration of 0.166 mg/L.

4 Second Quarter 2026 Planned Activities

- Conduct quarterly groundwater monitoring with quarterly reporting for all Site wells.
- The next groundwater sampling event is scheduled for the second quarter of 2026.
- Conduct LNAPL gauging and recovery by hand bailing on a monthly basis.

Tables



Table 1
First Quarter 2026 Summary of Groundwater Gauging Data
Chevron Environmental Management Company
WLU 63
Lea County, New Mexico

Well ID <i>toc elevation</i>	Date	Depth to Groundwater (ft toc ²)	Depth to LNAPL (ft toc ²)	LNAPL Thickness (ft)	Groundwater Elevation (ft msl ³)	Total Well Depth (ft toc ²)	Well Diameter (inches)
MW-1 3879.88	2/23/26	52.52	---	---	3827.36	58.44	4
	3/12/26	52.52	---	---	3827.36	---	
MW-2 3879.42	2/23/26	52.24	---	---	3827.18	58.22	4
	3/12/26	52.24	---	---		---	
MW-3 3879.58	2/23/26	52.34	52.04	0.30	3827.51	58.14	4
	3/12/26	52.22	52.08	0.14	3827.49	---	
MW-4 3880.31	2/23/26	52.65	---	---	3827.66	58.54	4
	3/12/26	52.65	---	---	3827.66	---	

Notes:

toc - top of casing.

msl - mean sea level.

bgs - below ground surface.

--- - Not Measured/Not Available.

Professional Survey conducted by Landpoint Land Surveying in October 2025.



Table 2
1Q 2026 Summary of Groundwater Analytical Data
Chevron Environmental Management Company
WLU 63
Lea County, New Mexico

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-GRO	TPH-DRO	TPH-ORO	Chloride	Total Dissolved Solids (TDS)
New Mexico Water Quality Control Commission Groundwater Standard										
		0.005¹	1.0¹	0.7¹	0.62¹	--	--	--	250²	1,000
MW-1	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	0.166	<0.0772	20.8	434
MW-2	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	<0.0605	<0.0772	23.4	444
DUP	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	<0.0605	<0.0772	23.3	433
MW-3	2/23/2026	LNAPL Present								
MW-4	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	<0.0605	<0.0772	16.8	379

Notes:

Results shown in milligrams per liter (mg/L)

< = Analyte not detected at or above the Method Detection Limit (MDL)

-- = No established standard

DUP = Duplicate sample

Bold = Value exceeding New Mexico Water Quality Control Commission Groundwater Standard

¹Human Health Standards for Groundwater.

²Other Standards for Domestic Water Supply.

Table 3
2026 Summary of Groundwater Geochemical Parameter Measurements
Chevron Environmental Management Company
WLU 63
Lea County, New Mexico



Sample ID	Date	Field Measurements					
		Turbidity (NTU)	DO (mg/L)	ORP (mV)	Cond. (mS/cm)	Temp. (F)	pH (s.u.)
MW-1	2/23/2026	--	6.40	194.0	672.000	60.30	6.88
MW-2	2/23/2026	--	5.10	180.1	698.000	65.40	6.79
MW-3	2/23/2026	LNAPL Present					
MW-4	2/23/2026	--	7.55	164.4	585.000	66.20	7.01

Table 4
First Quarter 2026 Groundwater Analytical Results
Monitored Natural Attenuation Parameters
Chevron Environmental Management Company
WLU 63
Lea County, New Mexico



Sample ID	Sample Date	Sulfate	Iron
		(mg/L)	(mg/L)
New Mexico Water Quality Control Commission Groundwater Standard			
		600	1.00
MW-1	2/23/2026	58.4	.0447 J
MW-2	2/23/2026	66.1	.0348 J
MW-3	2/23/2026	LNAPL Present	
MW-4	2/23/2026	57.2	.0306 J

Notes:

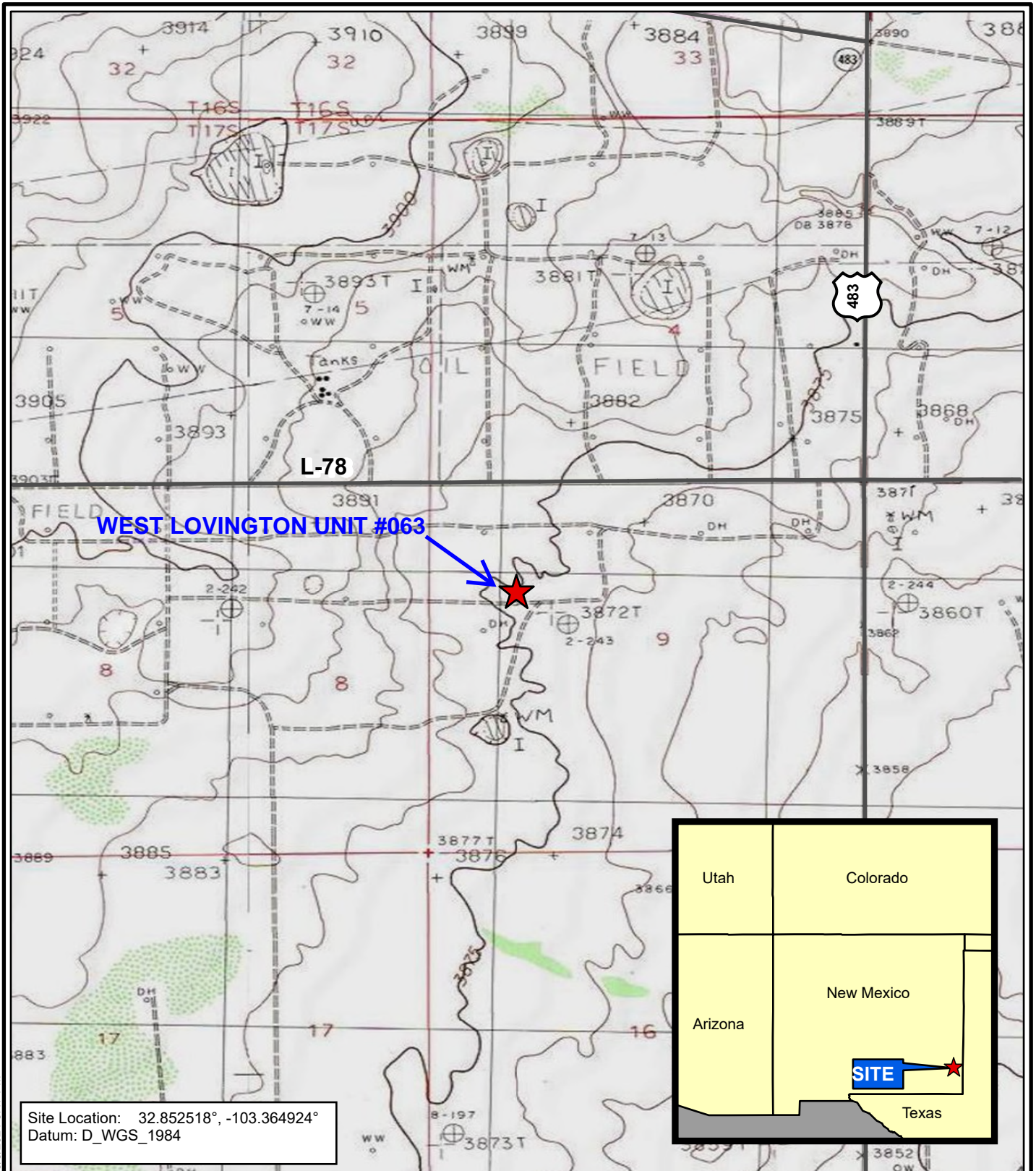
Results shown in milligrams per liter (mg/L)

< = Analyte not detected at or above the Method Detection Limit (MDL)

-- = No established standard

J = The identification of the analyte is acceptable; the reported value is an estimate.

Figures

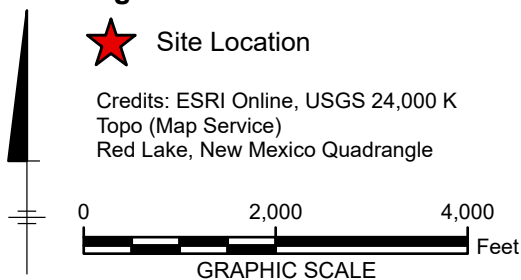


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Legend

 Site Location

Credits: ESRI Online, USGS 24,000 K
Topo (Map Service)
Red Lake, New Mexico Quadrangle

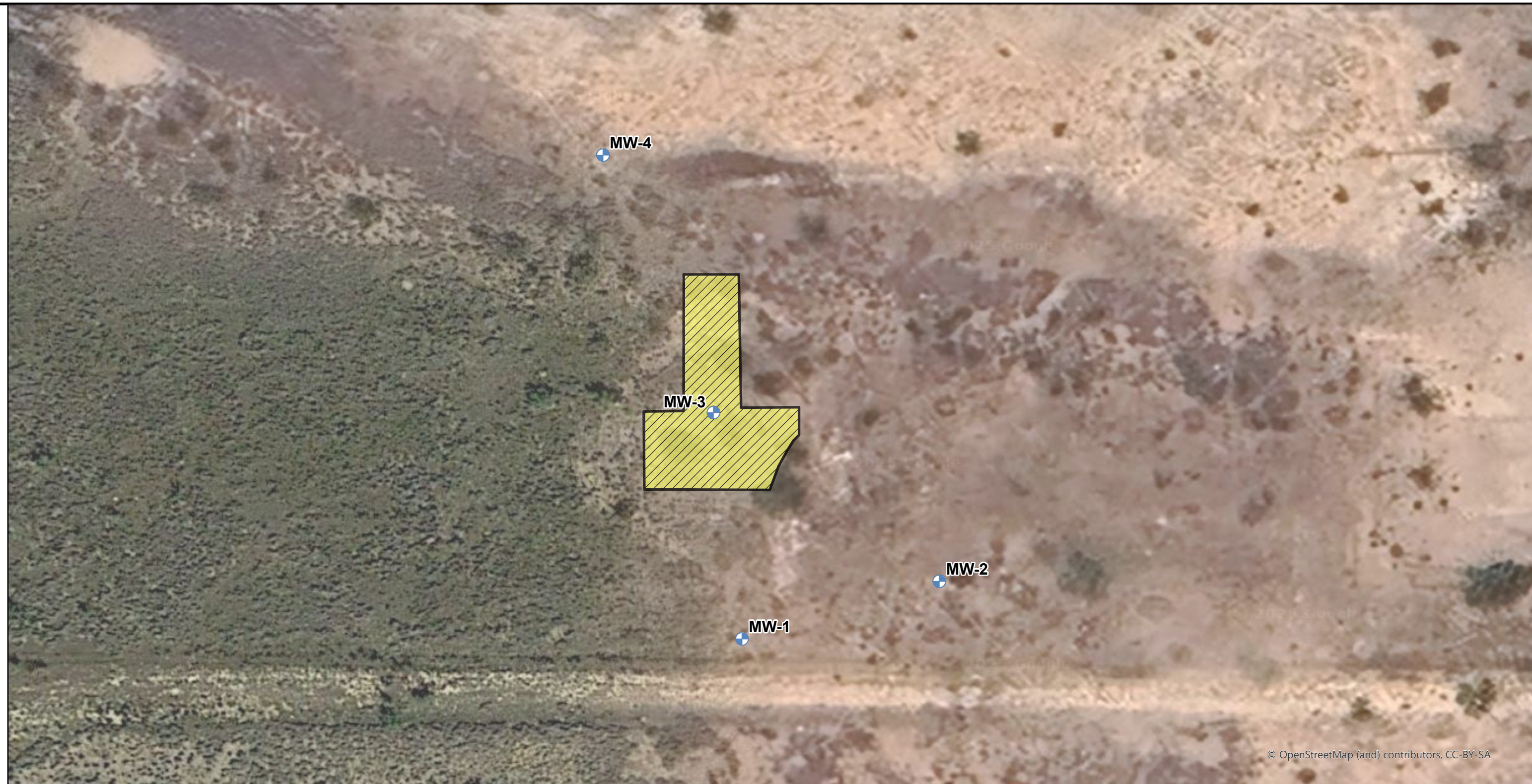


CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
WEST LOVINGTON UNIT #063
LEA COUNTY, NEW MEXICO

SITE LOCATION MAP MAP





FIGURE
1



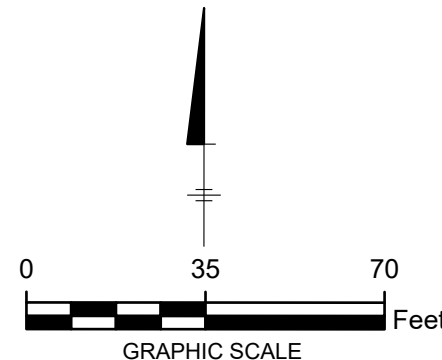
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Legend

-  Monitoring Well
-  Excavated Area

Notes:
 1. Datum: D_WGS_1984
 2. Site Location: 32.852518°, -103.364924°









Chevron Environmental Management Company West Lovington Unit #063 Lea County, New Mexico	
SITE DETAILS MAP	
	FIGURE 2



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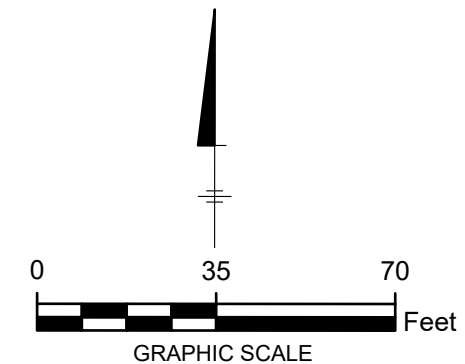
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Legend

-  Monitoring Well
-  0.30 LNAPL Thickness (feet)
-  3827.60 Potentiometric Contour and Elevation
-  Inferred Potentiometric Contour
-  3827.66 Groundwater Elevation (feet above mean sea level)
-  Approximate Groundwater Flow Direction
- 0.0033 ft/ft = Approximate Hydraulic Gradient (feet/foot)

Notes:

1. Datum: D_WGS_1984
2. Site Location: 32.852518°, -103.364924°
3. LNAPL: Light Non-Aqueous Phase Liquid



Chevron Environmental Management Company
 West Lovington Unit #063
 Lea County, New Mexico

POTENTIOMETRIC SURFACE MAP
FEBRUARY 23, 2026

 **ARCADIS** | FIGURE **3**

MW-4	
Analyte	Result
Date	02/23/26
Benzene	<0.000320
Toluene	<0.000274
Ethylbenzene	<0.000234
Total Xylenes	<0.000319
TPH-GRO	<0.0594
TPH-DRO	<0.0605
TPH-ORO	<0.0772
Chloride	16.8
TDS	379

MW-4

MW-2	
Analyte	Result
Date	02/23/26
Benzene	<0.000320 [<lt;0.000320]< td=""> </lt;0.000320]<>
Toluene	<0.000274 [<lt;0.000274]< td=""> </lt;0.000274]<>
Ethylbenzene	<0.000234 [<lt;0.000234]< td=""> </lt;0.000234]<>
Total Xylenes	<0.000319 [<lt;0.000319]< td=""> </lt;0.000319]<>
TPH-GRO	<0.0594 [<lt;0.0594]< td=""> </lt;0.0594]<>
TPH-DRO	<0.0605 [<lt;0.0605]< td=""> </lt;0.0605]<>
TPH-ORO	<0.0772 [<lt;0.0772]< td=""> </lt;0.0772]<>
Chloride	23.4 [23.3]
TDS	444 [433]

MW-3
(0.30)



MW-1	
Analyte	Result
Date	02/23/26
Benzene	<0.000320
Toluene	<0.000274
Ethylbenzene	<0.000234
Total Xylenes	<0.000319
TPH-GRO	<0.0594
TPH-DRO	0.166
TPH-ORO	<0.0772
Chloride	20.8
TDS	434

MW-1

MW-2

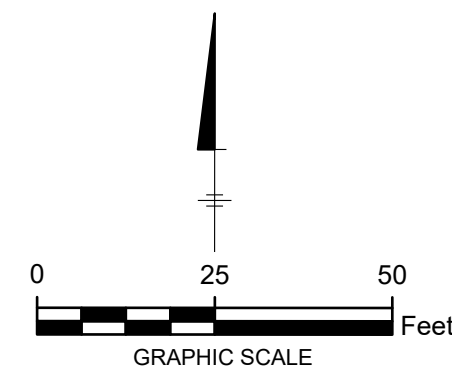
Source: Esri, Vantor, Earthstar Geographics, IGN, and the GIS User Community

Legend

-  Monitoring Well
-  LNAPL Thickness (Feet)

- Notes:
- Datum: D_WGS_1984
 - Site Location: 32.852518°, -103.364924°
 - Results shown in milligrams per liter (mg/L).
 - < : Analyte not detected at or above the Method Detection Limit (MDL).
 - : No established standard
 - [] : Duplicate sample results
 - TPH GRO: Total Petroleum Hydrocarbons Gasoline Range Organics
 - TPH DRO: Total Petroleum Hydrocarbon Diesel Range Organics
 - TPH ORO: Total Petroleum Hydrocarbons Oil Range Organics
 - TDS: Total Dissolved Solids
 - LNAPL: Light Non-Aqueous Phase Liquid

Analyte	NMWQCC Standard for Groundwater (mg/L)
Benzene	0.005
Toluene	1.0
Ethylbenzene	0.7
Total Xylenes	0.62
TPH-GRO	--
TPH-DRO	--
TPH-ORO	--
Chloride	250
TDS	1,000



Chevron Environmental Management Company
West Lovington Unit #063
Lea County, New Mexico

SAMPLE RESULTS MAP



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Appendix A

Field Methodology



Field Methodology

Groundwater Sampling

Field equipment was decontaminated with an Alconox™ wash and distilled water rinse before beginning field activities and between wells. Prior to sampling, static fluid levels were measured to the nearest hundredth of a foot with an electronic oil-water interface probe on the first day of each monitoring event. The fluid levels were measured from the permanent reference point on the top of the casing in each well, or from the north side of the top of the casing where no permanent reference point had been marked.

Wells were sampled using low-flow methodology. During purging, the flow rate was adjusted in order to achieve minimal drawdown from the static water level. Temperature, oxidation reduction potential (ORP), pH, conductivity, and dissolved oxygen (DO) were monitored during purging, which continued until at least three of these parameters were stabilized within a 10 percent range for three consecutive measurements. Samples were then collected, labeled, recorded on a chain of custody form, and placed on ice in an insulated cooler to maintain a temperature of approximately 4°C (40°F).

Groundwater samples were submitted by Arcadis under chain-of-custody (COC) protocol to Pace Analytical for analysis of BTEX by EPA Method 8021B, chloride by Method 300, TDS by Method SM2540C, and TPH diesel range organics (DRO)/ motor oil range organics (ORO) by Method SW8015B.

Remediation Standards

Groundwater

The NMOCD provides guidance for remediation of contaminants of oil field wastes or products in Guidelines for Remediation of Leaks, Spills, and Releases (August 13, 1993). The guidance requires remediation of groundwater to the human health standards of the New Mexico Water Quality Control Commission (NMWQCC) set forth in New Mexico Administrative Code 20.6.2.3103. Standards for BTEX and chloride are listed below.

Analyte	NMWQCC Groundwater Standard (mg/L)
Benzene	0.005
Toluene	1
Ethylbenzene	0.7
Total Xylenes	0.62
Chloride	250
Total Dissolved Solids (TDS)	1,000

NMWQCC groundwater standards do not include TPH.

Appendix B

Cumulative Summary of Groundwater Gauging Data



Appendix B
 Cumulative Summary of Groundwater Gauging Data
 Chevron Environmental Management Company
 WLU 63
 Lea County, New Mexico

Well ID <i>toc elevation</i>	Date	Depth to Groundwater <i>(ft toc²)</i>	Depth to LNAPL <i>(ft toc²)</i>	LNAPL Thickness <i>(ft)</i>	Groundwater Elevation <i>(ft msl³)</i>	Total Well Depth <i>(ft toc²)</i>	Well Diameter <i>(inches)</i>
MW-1 3879.88	2/10/21	50.74	50.71	0.03	3829.17	58.45	4
	5/20/24	52.82	---	---	3827.06	---	
	4/3/25	52.61	---	---	3827.27	58.45	
	4/15/25	52.19	---	---	3827.69	58.55	
	2/23/26	52.52	---	---	3827.36	58.44	
	3/12/26	52.52	---	---	3827.36	58.44	
MW-2 3879.42	2/10/21	50.49	---	---	3828.93	58.22	4
	5/20/24	51.54	---	---	3827.88	---	
	4/3/25	51.90	---	---	3827.52	58.22	
	4/15/25	51.93	---	---	3827.49	58.33	
	2/23/26	52.24	---	---	3827.18	58.22	
	3/12/26	52.24	---	---	3827.18	58.22	
MW-3 3879.58	2/10/21	55.99	49.52	6.47	3829.39	58.14	4
	5/20/24	57.02	50.65	6.37	3828.27	---	
	4/3/25	57.35	50.99	6.36	3827.93	58.14	
	4/4/25	52.28	51.70	0.58	3827.82	---	
	4/15/25	51.99	51.64	0.35	3827.90	58.15	
	2/23/26	52.34	52.04	0.30	3827.51	58.15	
	3/12/26	52.22	52.08	0.14	3827.49	58.15	
MW-4 3880.31	2/10/21	50.89	50.88	0.01	3829.42	58.54	4
	5/20/24	51.95	---	---	3828.36	---	
	4/3/25	52.31	---	---	3828.00	58.54	
	4/15/25	52.31	---	---	3828.00	58.62	
	2/23/26	52.65	---	---	3827.66	58.54	
	3/12/26	52.65	---	---	3827.66	58.54	

Notes:

msl - mean sea level.

bgs - below ground surface.

NA - Not Accessible

--- - Not Measured/Not Available.

Professional Survey conducted by Landpoint Land Surveying in October 2025.

Appendix C

Cumulative Summary of Groundwater Results



Appendix C
 Cumulative Summary of Groundwater Results
 Chevron Environmental Management Company
 WLU 63
 Lea County, New Mexico

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	TPH-GRO	TPH-DRO	TPH-ORO	Chloride	Total Dissolved Solids (TDS)
New Mexico Water Quality Control Commission Groundwater Standard										
		0.005¹	1.0¹	0.7¹	0.62¹	--	--	--	250²	1,000
MW-1	4/15/2025	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	<0.0605	<0.0772	20.1	457
	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	0.166	<0.0772	20.8	434
MW-2	4/15/2025	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	<0.0605	<0.0772	22.5	462
	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	<0.0605	<0.0772	23.4	434
MW-3	4/16/2025	LNAPL Present								
	2/23/2026	LNAPL Present								
MW-4	4/16/2025	<0.000190	<0.000412	<0.000160	<0.000510	<0.0314	<0.0605	<0.0772	16.4	367
	2/23/2026	<0.000320	<0.000274	<0.000234	<0.000319	<0.0594	<0.0605	<0.0772	16.8	379

Notes:

Results shown in milligrams per liter (mg/L)

< = Analyte not detected at or above the Method Detection Limit (MDL)

-- = No established standard

[] = Duplicate results

Bold = Value exceeding New Mexico Water Quality Control Commission Groundwater Standard

¹Human Health Standards for Groundwater.

²Other Standards for Domestic Water Supply.

Appendix D

Cumulative Summary of Groundwater Geochemical Parameter Measurements

Appendix D
Cumulative Summary of Groundwater Geochemical Parameter
Measurements
Chevron Environmental Management Company
WLU 63
Lea County, New Mexico



Sample ID	Date	Field Measurements					
		Turbidity (NTU)	DO (mg/L)	ORP (mV)	Cond. (mS/cm)	Temp. (C)	pH (s.u.)
MW-1	4/15/2025	--	5.97	114.6	0.861	20.12	6.59
	2/23/2026	--	6.40	194.0	672.000	60.30	6.88
MW-2	4/15/2025	--	5.28	126.3	0.659	20.36	6.39
	2/23/2026	--	5.10	180.1	698.000	65.40	6.79
MW-3	4/15/2025	LNAPL Present					
	2/23/2026	LNAPL Present					
MW-4	4/16/2025	--	6.29	82.1	0.550	20.52	7.04
	2/23/2026	--	7.55	164.4	585.000	66.20	7.01

Appendix E

Analytical Report



ANALYTICAL REPORT

March 02, 2026

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Arcadis - Chevron - NM

Sample Delivery Group: L1947671
 Samples Received: 02/24/2026
 Project Number: 30319403.00003
 Description: WLU 63
 Site: WLU 63
 Report To: Morgan Jordan
 1004 N Big Spring Street
 Suite 121
 Midland, TX 79701

Entire Report Reviewed By:

Katie Ingram
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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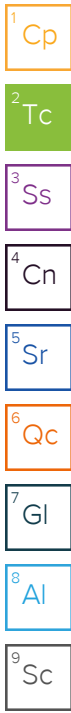
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MW-1-W-260223 L1947671-01

Collected by Heath Boyd
 Collected date/time 02/23/26 00:00
 Received date/time 02/24/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2700251	1	02/25/26 06:57	02/25/26 10:22	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2700107	1	02/26/26 10:53	02/26/26 10:53	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2700269	1	02/25/26 11:46	02/25/26 18:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2700735	1	02/25/26 17:12	02/25/26 17:12	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2700455	1	02/25/26 15:48	02/25/26 15:48	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2701070	1	02/26/26 17:00	02/28/26 00:54	JAJ	Mt. Juliet, TN

1 Cp
 2 Tc
 3 Ss
 4 Cn
 5 Sr
 6 Qc
 7 Gl
 8 Al
 9 Sc

MW-2-W-260223 L1947671-02

Collected by Heath Boyd
 Collected date/time 02/23/26 00:00
 Received date/time 02/24/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2700251	1	02/25/26 06:57	02/25/26 10:22	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2700107	1	02/26/26 11:04	02/26/26 11:04	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2700269	1	02/25/26 11:46	02/25/26 18:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2700735	1	02/25/26 17:34	02/25/26 17:34	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2700455	1	02/25/26 16:10	02/25/26 16:10	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2701070	1	02/26/26 17:00	02/28/26 01:15	JAJ	Mt. Juliet, TN

MW-4-W-260223 L1947671-03

Collected by Heath Boyd
 Collected date/time 02/23/26 00:00
 Received date/time 02/24/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2700251	1	02/25/26 06:57	02/25/26 10:22	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2700107	1	02/26/26 11:25	02/26/26 11:25	ZSA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2700269	1	02/25/26 11:46	02/25/26 18:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2700735	1	02/25/26 17:57	02/25/26 17:57	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2700455	1	02/25/26 16:32	02/25/26 16:32	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2701070	1	02/26/26 17:00	02/28/26 01:35	JAJ	Mt. Juliet, TN

DUP-1-W-260223 L1947671-04

Collected by Heath Boyd
 Collected date/time 02/23/26 00:00
 Received date/time 02/24/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Gravimetric Analysis by Method 2540 C-2011	WG2700652	1	02/25/26 15:12	02/25/26 19:24	AMG	Mt. Juliet, TN
Wet Chemistry by Method 300.0	WG2700372	1	02/26/26 21:09	02/26/26 21:09	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015D	WG2700735	1	02/25/26 18:19	02/25/26 18:19	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2700455	1	02/25/26 16:53	02/25/26 16:53	DYW	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015D	WG2701070	1	02/26/26 17:00	02/28/26 01:55	JAJ	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Katie Ingram
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Collected date/time: 02/23/26 00:00

L1947671

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	434		10.0	1	02/25/2026 10:22	WG2700251

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	20.8		0.547	1.00	1	02/26/2026 10:53	WG2700107
Sulfate	58.4		0.637	5.00	1	02/26/2026 10:53	WG2700107

- 5 Sr

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	0.0447	J	0.0226	0.100	1	02/25/2026 18:14	WG2700269

- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	02/25/2026 17:12	WG2700735
(S) a,a,a-Trifluorotoluene(FID)	112			78.0-120		02/25/2026 17:12	WG2700735

- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.000320	0.00100	1	02/25/2026 15:48	WG2700455
Toluene	U		0.000274	0.00100	1	02/25/2026 15:48	WG2700455
Ethylbenzene	U		0.000234	0.00100	1	02/25/2026 15:48	WG2700455
Total Xylenes	U		0.000319	0.00300	1	02/25/2026 15:48	WG2700455
(S) Toluene-d8	110			80.0-120		02/25/2026 15:48	WG2700455
(S) 4-Bromofluorobenzene	90.3			77.0-126		02/25/2026 15:48	WG2700455
(S) 1,2-Dichloroethane-d4	93.9			70.0-130		02/25/2026 15:48	WG2700455

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	0.166		0.0605	0.100	1	02/28/2026 00:54	WG2701070
C28-C36 Motor Oil Range	U		0.0772	0.100	1	02/28/2026 00:54	WG2701070
(S) o-Terphenyl	73.2			52.0-156		02/28/2026 00:54	WG2701070

Collected date/time: 02/23/26 00:00

L1947671

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	444		10.0	1	02/25/2026 10:22	WG2700251

1 Cp

2 Tc

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	23.4		0.547	1.00	1	02/26/2026 11:04	WG2700107
Sulfate	66.1		0.637	5.00	1	02/26/2026 11:04	WG2700107

3 Ss

4 Cn

5 Sr

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	0.0348	J	0.0226	0.100	1	02/25/2026 18:17	WG2700269

6 Qc

7 Gl

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	02/25/2026 17:34	WG2700735
(S) a,a,a-Trifluorotoluene(FID)	112			78.0-120		02/25/2026 17:34	WG2700735

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.000320	0.00100	1	02/25/2026 16:10	WG2700455
Toluene	U		0.000274	0.00100	1	02/25/2026 16:10	WG2700455
Ethylbenzene	U		0.000234	0.00100	1	02/25/2026 16:10	WG2700455
Total Xylenes	U		0.000319	0.00300	1	02/25/2026 16:10	WG2700455
(S) Toluene-d8	109			80.0-120		02/25/2026 16:10	WG2700455
(S) 4-Bromofluorobenzene	92.3			77.0-126		02/25/2026 16:10	WG2700455
(S) 1,2-Dichloroethane-d4	94.9			70.0-130		02/25/2026 16:10	WG2700455

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		0.0605	0.100	1	02/28/2026 01:15	WG2701070
C28-C36 Motor Oil Range	U		0.0772	0.100	1	02/28/2026 01:15	WG2701070
(S) o-Terphenyl	78.4			52.0-156		02/28/2026 01:15	WG2701070

Collected date/time: 02/23/26 00:00

L1947671

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	379		10.0	1	02/25/2026 10:22	WG2700251

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	16.8		0.547	1.00	1	02/26/2026 11:25	WG2700107
Sulfate	57.2		0.637	5.00	1	02/26/2026 11:25	WG2700107

- 5 Sr

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	0.0306	J	0.0226	0.100	1	02/25/2026 18:20	WG2700269

- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	02/25/2026 17:57	WG2700735
(S) a,a,a-Trifluorotoluene(FID)	113			78.0-120		02/25/2026 17:57	WG2700735

- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.000320	0.00100	1	02/25/2026 16:32	WG2700455
Toluene	U		0.000274	0.00100	1	02/25/2026 16:32	WG2700455
Ethylbenzene	U		0.000234	0.00100	1	02/25/2026 16:32	WG2700455
Total Xylenes	U		0.000319	0.00300	1	02/25/2026 16:32	WG2700455
(S) Toluene-d8	107			80.0-120		02/25/2026 16:32	WG2700455
(S) 4-Bromofluorobenzene	89.4			77.0-126		02/25/2026 16:32	WG2700455
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		02/25/2026 16:32	WG2700455

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		0.0605	0.100	1	02/28/2026 01:35	WG2701070
C28-C36 Motor Oil Range	U		0.0772	0.100	1	02/28/2026 01:35	WG2701070
(S) o-Terphenyl	78.4			52.0-156		02/28/2026 01:35	WG2701070

Collected date/time: 02/23/26 00:00

L1947671

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Dissolved Solids	433		10.0	1	02/25/2026 19:24	WG2700652

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn

Wet Chemistry by Method 300.0

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Chloride	23.3		0.547	1.00	1	02/26/2026 21:09	WG2700372

- 5 Sr
- 6 Qc
- 7 Gl

Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0594	0.100	1	02/25/2026 18:19	WG2700735
(S) a,a,a-Trifluorotoluene(FID)	112			78.0-120		02/25/2026 18:19	WG2700735

- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	U		0.000320	0.00100	1	02/25/2026 16:53	WG2700455
Toluene	U		0.000274	0.00100	1	02/25/2026 16:53	WG2700455
Ethylbenzene	U		0.000234	0.00100	1	02/25/2026 16:53	WG2700455
Total Xylenes	U		0.000319	0.00300	1	02/25/2026 16:53	WG2700455
(S) Toluene-d8	105			80.0-120		02/25/2026 16:53	WG2700455
(S) 4-Bromofluorobenzene	88.1			77.0-126		02/25/2026 16:53	WG2700455
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		02/25/2026 16:53	WG2700455

Semi-Volatile Organic Compounds (GC) by Method 8015D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	U		0.0605	0.100	1	02/28/2026 01:55	WG2701070
C28-C36 Motor Oil Range	U		0.0772	0.100	1	02/28/2026 01:55	WG2701070
(S) o-Terphenyl	77.9			52.0-156		02/28/2026 01:55	WG2701070

Gravimetric Analysis by Method 2540 C-2011

[L1947671-01,02,03](#)

Method Blank (MB)

(MB) R4341303-1 02/25/26 10:22

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Dissolved Solids	U		10.0	10.0

¹Cp

²Tc

³Ss

L1946608-22 Original Sample (OS) • Duplicate (DUP)

(OS) L1946608-22 02/25/26 10:22 • (DUP) R4341303-3 02/25/26 10:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	128	127	1	0.784		10

⁴Cn

⁵Sr

⁶Qc

L1947671-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1947671-03 02/25/26 10:22 • (DUP) R4341303-4 02/25/26 10:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	379	377	1	0.529		10

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4341303-2 02/25/26 10:22

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Dissolved Solids	8800	8450	96.0	90.0-110	

Gravimetric Analysis by Method 2540 C-2011

[L1947671-04](#)

Method Blank (MB)

(MB) R4342149-1 02/25/26 19:24

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Dissolved Solids	U		10.0	10.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1947671-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1947671-04 02/25/26 19:24 • (DUP) R4342149-3 02/25/26 19:24

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	433	433	1	0.000		10

L1947838-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1947838-03 02/25/26 19:24 • (DUP) R4342149-4 02/25/26 19:24

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Dissolved Solids	2480	2410	1	3.07		10

Laboratory Control Sample (LCS)

(LCS) R4342149-2 02/25/26 19:24

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Dissolved Solids	8800	8440	95.9	90.0-110	

Wet Chemistry by Method 300.0

[L1947671-01,02,03](#)

Method Blank (MB)

(MB) R4341147-1 02/25/26 21:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		0.547	1.00
Sulfate	U		0.637	5.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1947807-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1947807-01 02/26/26 11:46 • (DUP) R4341581-1 02/26/26 11:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	98.0	97.5	1	0.473		15
Sulfate	15.0	15.0	1	0.0126		15

L1947807-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1947807-02 02/26/26 12:29 • (DUP) R4341581-4 02/26/26 12:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	19.6	19.5	1	0.345		15
Sulfate	2.33	2.31	1	1.01	J	15

Laboratory Control Sample (LCS)

(LCS) R4341147-2 02/25/26 21:48

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	40.1	100	90.0-110	
Sulfate	40.0	41.3	103	90.0-110	

L1947807-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1947807-01 02/26/26 11:46 • (MS) R4341581-2 02/26/26 12:08 • (MSD) R4341581-3 02/26/26 12:19

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	98.0	118	118	51.0	50.1	1	90.0-110	E J6	E J6	0.332	15
Sulfate	40.0	15.0	54.4	53.4	98.5	95.8	1	90.0-110			1.95	15

Wet Chemistry by Method 300.0

[L1947671-01,02,03](#)

L1947807-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1947807-02 02/26/26 12:29 • (MS) R4341581-5 02/26/26 12:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Chloride	40.0	19.6	55.8	90.6	1	90.0-110	
Sulfate	40.0	2.33	42.9	101	1	90.0-110	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Wet Chemistry by Method 300.0

L1947671-04

Method Blank (MB)

(MB) R4341569-1 02/26/26 19:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Chloride	U		0.547	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1946608-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1946608-03 02/26/26 20:07 • (DUP) R4341569-2 02/26/26 20:18

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	14.0	14.9	1	6.26		15

L1948049-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1948049-04 02/26/26 22:52 • (DUP) R4341569-5 02/26/26 23:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Chloride	1150	1200	50	4.05		15

Laboratory Control Sample (LCS)

(LCS) R4341569-4 02/26/26 20:38

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Chloride	40.0	38.6	96.6	90.0-110	

L1946608-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1946608-03 02/26/26 20:07 • (MS) R4341569-3 02/26/26 20:28

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Chloride	40.0	14.0	51.7	94.3	1	90.0-110	

L1948049-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1948049-04 02/26/26 22:52 • (MS) R4341569-6 02/26/26 23:12 • (MSD) R4341569-7 02/26/26 23:23

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Chloride	40.0	1150	995	998	0.000	0.000	50	90.0-110	∇	∇	0.275	15

Metals (ICPMS) by Method 6020B

L1947671-01,02,03

Method Blank (MB)

(MB) R4340939-7 02/25/26 17:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
Iron	U		0.0226	0.100

1 Cp

2 Tc

3 Ss

Laboratory Control Sample (LCS)

(LCS) R4340939-2 02/25/26 16:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Iron	1.00	1.01	101	80.0-120	

4 Cn

5 Sr

6 Qc

L1947578-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1947578-01 02/25/26 16:31 • (MS) R4340939-4 02/25/26 16:37 • (MSD) R4340939-5 02/25/26 16:40

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Iron	1.00	U	1.05	0.997	105	99.7	1	75.0-125			5.04	20

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC) by Method 8015D

[L1947671-01,02,03,04](#)

Method Blank (MB)

(MB) R4341718-2 02/25/26 14:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
TPH (GC/FID) Low Fraction	U		0.0594	0.100
(S) a,a,a-Trifluorotoluene(FID)	113			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4341718-1 02/25/26 13:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.00	5.77	115	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			114	78.0-120	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

[L1947671-01,02,03,04](#)

Method Blank (MB)

(MB) R4341196-2 02/25/26 11:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.000320	0.00100
Toluene	U		0.000274	0.00100
Ethylbenzene	U		0.000234	0.00100
Total Xylenes	U		0.000319	0.00300
(S) Toluene-d8	111			80.0-120
(S) 4-Bromofluorobenzene	93.4			77.0-126
(S) 1,2-Dichloroethane-d4	98.4			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4341196-1 02/25/26 09:44

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	mg/l	mg/l	%	%	
Benzene	0.0100	0.00866	86.6	70.0-123	
Toluene	0.0100	0.00983	98.3	79.0-120	
Ethylbenzene	0.0100	0.0100	100	79.0-123	
Total Xylenes	0.0300	0.0288	96.0	79.0-123	
(S) Toluene-d8			107	80.0-120	
(S) 4-Bromofluorobenzene			94.9	77.0-126	
(S) 1,2-Dichloroethane-d4			91.1	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015D

[L1947671-01,02,03,04](#)

Method Blank (MB)

(MB) R4341739-1 02/27/26 09:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
C10-C28 Diesel Range	U		0.0605	0.100
C28-C36 Motor Oil Range	U		0.0772	0.100
(S) o-Terphenyl	77.0			52.0-156

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4341739-2 02/27/26 10:05 • (LCSD) R4341739-3 02/27/26 10:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
C10-C28 Diesel Range	1.50	1.48	1.54	98.7	103	50.0-150			3.97	20
(S) o-Terphenyl				82.5	83.0	52.0-156				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 GI
- 8 AI
- 9 Sc

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

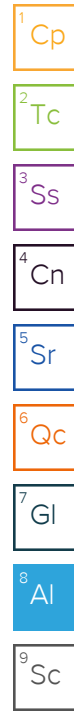
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122



Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		


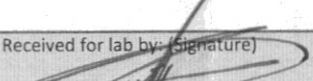
¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address: Arcadis - Chevron - NM 1004 N Big Spring Street Suite 121 Midland, TX 79701		Billing Information: Attn: Morgan Jordan 630 Plaza Drive, Suite 200 Highlands Ranch, CO 80129		Analysis / Container / Preservative		Chain of Custody Page 1 of 1	
Report to: Morgan Jordan 281-644-9437		Email To: douglas.jordan@arcadis.com;Lauren.Krueger@a		Pres Chk		 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Project Description: WLU 63		City/State Collected: Hobbs, NM		Please Circle: PT <input type="radio"/> MT <input checked="" type="radio"/> CT <input type="radio"/> ET		SDG # L1947671 F124 Acctnum: CHEVARCNM Template: T289052 Prelogin: P1208477 PM: 840 - Katie Ingram PB: Shipped Via:	
Regulatory Program(DOD,RCRA,DW,etc):		Client Project # 30319403.00003		Lab Project # CHEVARCNM-WLU63		Chloride, Sulfate 250mlHDPE NoPres DRONMLVI 40mlAmb-HCl-BT FEG 250mlHDPE-HNO3 GRO 40mlAmb HCl TDS 1L-HDPE NoPres V8260BTEX 40mlAmb-HCl	
Collected by (print): Heath Boyd		Site/Facility ID # WLU 63		P.O. #		Remarks Sample # (lab only)	
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day <input checked="" type="checkbox"/> STD TAT		Quote #		Acctnum: CHEVARCNM Template: T289052 Prelogin: P1208477 PM: 840 - Katie Ingram PB: Shipped Via:	
Immediately Packed on Ice N <input type="checkbox"/> Y <input checked="" type="checkbox"/>		Date Results Needed		No. of Cntrs		Remarks Sample # (lab only)	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time		
MW-1-W-260223	Grab	GW		2/23/26	10	X X X X X X	- 01
MW-2-W-260223		GW			10	X X X X X X	- 02
MW-4-W-260223		GW			10	X X X X X X	- 03
Dup-1-W-260223	X	GW		X	10	X X X X X X	Do not run Feg or sulfate off
		GW					
		GW					

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks:		pH _____ Temp _____		Sample Receipt Checklist COC Seal Present/Intact: <input type="checkbox"/> NP <input type="checkbox"/> Y <input type="checkbox"/> N COC Signed/Accurate: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Bottles arrive intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Correct bottles used: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Sufficient volume sent: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N If Applicable VOA Zero Headspace: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Preservation Correct/Checked: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N RAD Screen <0.5 mR/hr: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking # 66126 6536 0063		Flow _____ Other _____			
Relinquished by: (Signature) 	Date: 2/23/26	Time: 1530	Received by: (Signature)	Trip Blank Received: Yes/No HCL/MeOH TBR		If preservation required by Login: Date/Time	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: _____ °C Bottles Received: 40			
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: 2/24/26	Time: 8:30	Hold:	Condition: NCF <input checked="" type="radio"/> OK

Arcadis U.S., Inc.
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Sante Fe Main Office
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<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 566668

CONDITIONS

Operator: TEXACO EXPLORATION & PRODUCTION INC P.O. Box 3109 Midland, TX BAD ADDR	OGRID: 22351
	Action Number: 566668
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Report accepted for record.	4/16/2026
amaxwell	Conduct quarterly groundwater monitoring with quarterly reporting for all Site wells.	4/16/2026
amaxwell	The next groundwater sampling event is scheduled for the second quarter of 2026.	4/16/2026
amaxwell	Conduct LNAPL gauging and recovery by hand bailing on a monthly basis.	4/16/2026