

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Chevron Line Leak (08.21.2003)
Incident ID: NEEM0402149647
Lea County, New Mexico
Unit G Sec 36 T16S R36E
32.87919°, -103.306951°

Point of Release:
Equipment Failure; weld on 2" steel cement-lined pipe had fluid leak out
Release Date: 08.21.2003
Volume Released: 50 Barrels of Produced Water
Volume Recovered: 35 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Chevron U.S.A, Inc.
6301 Deauville Blvd
Midland, Texas 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 CONCLUSION

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3A/B SAMPLE LOCATION (HISTORIC/CURRENT VIEW)

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



January 10, 2025

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, New Mexico 87505

Re: Closure Report
Chevron Line Leak (08.21.2003)
Chevron U.S.A, Inc.
Site Location: Unit G, S36 T16S, R36E
(Lat 32.87919°, Long -103.306951°)
Lea County, New Mexico

To whom it may concern:

On behalf of Chevron U.S.A, Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site activities for the Chevron Line Leak (08.21.2003). The site is located at 32.87919°, -103.306851° within Unit G, S36, T16S, R36E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the spill was discovered on August 21, 2003, caused by a weld on a 2" steel cement-lined pipe leaking fluid. It resulted in approximately fifty (50) barrels of produced water being released, and thirty-five (35) barrels of produced water were recovered. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.19 miles East of the site in S36, T16S, R36E and was drilled in 2013. The well has a reported depth to groundwater of 104.39' feet below ground surface (ft bgs). The next nearest identified well is located approximately 0.22 miles East of the site in S36, T16S, R36E and was drilled in 2013. The well has a reported depth to groundwater of 122.91' feet below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

On January 2, 2025, Carmona Resources performed site assessment activities to evaluate soil impacts stemming from this historical release. To assess the vertical and horizontal extent, eight (8) sample points (S-1 through S-8) and seven (7) horizontal sample points (H-1 through H-7) were advanced to depths ranging from the surface to 1.5' bgs, before hitting refusal with hand tools and a rock bar, inside and surrounding the possible area of concern. Bringing in mechanical equipment to sample deeper depths was



considered and later determined to cause more damage to the environment and vegetation throughout the entire area. Before collecting these assessment samples, the NMOCD division office was notified via web portal on December 19, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Lab in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1. See Figure 3A/B for the sample locations.

Carmona Resources personnel also conducted a vegetation survey of the area of concern. Regrowth over the entire area was found to be evident and was documented via cellular photography on the Solocator application. Native grasses have taken over, with approximately 80% vegetation cover over the entire location. No signs of a lack of vegetation was found onsite. The entire area of concern was comparable to the surrounding areas that have not previously been disturbed. Refer to Appendix B for documentation.

5.0 Conclusion

Based on the assessment results and the analytical data, no further actions are required at the site. Chevron formally requests the closure of this release as well as approval of reclamation and revegetation of this site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

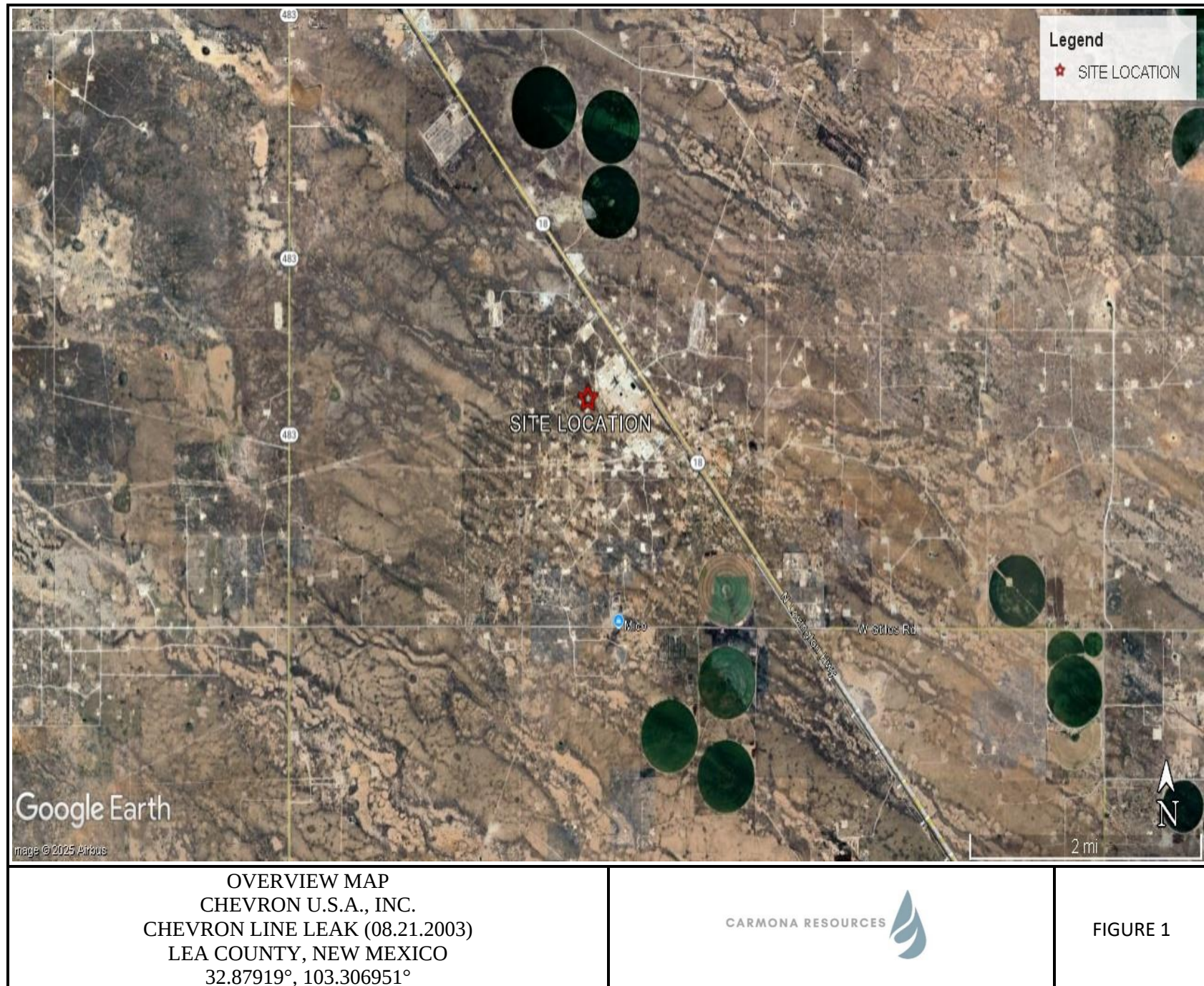
Ashton Thielke
Environmental Manager

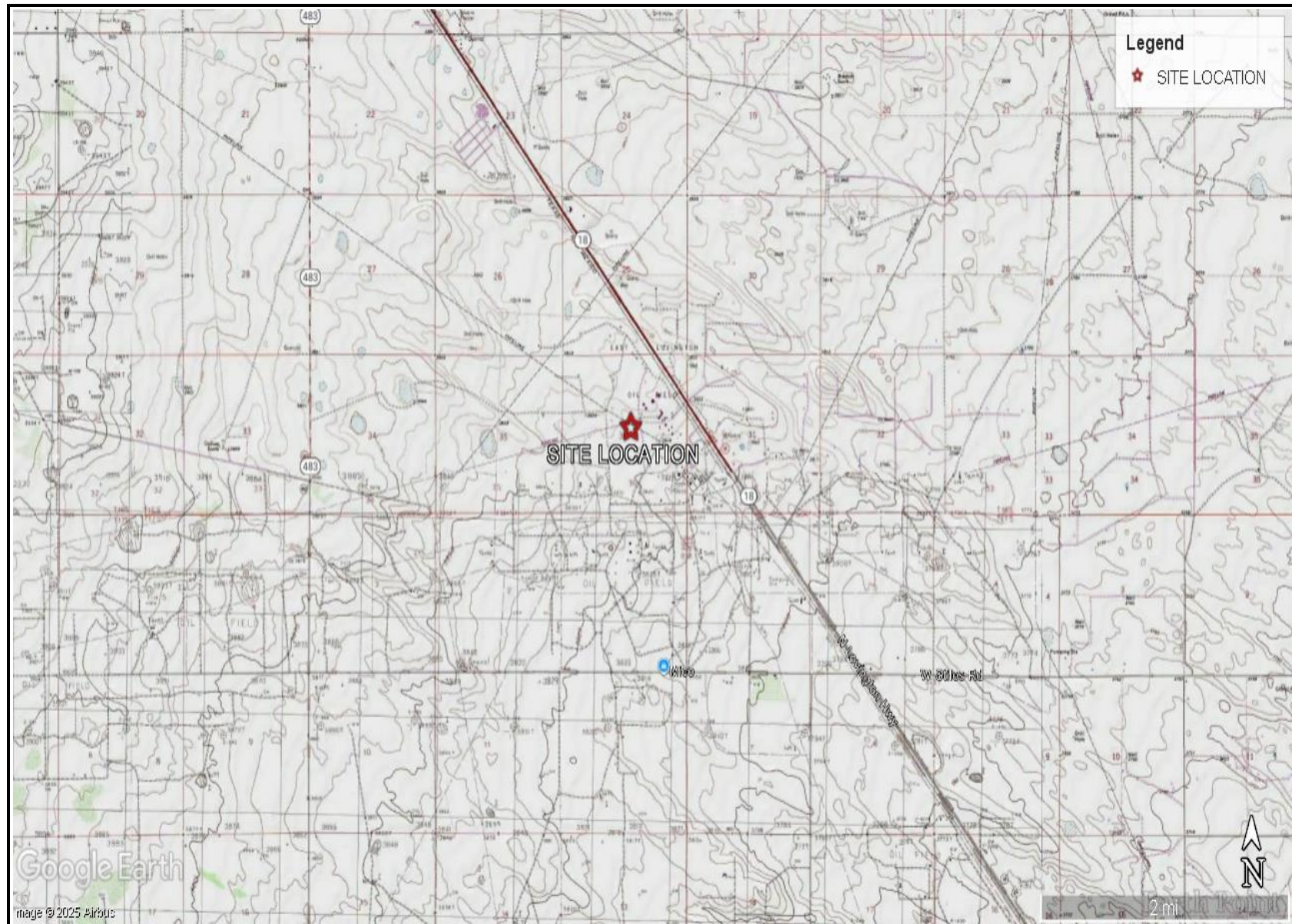
Ivan Ramos
Project Manager

FIGURES

CARMONA RESOURCES



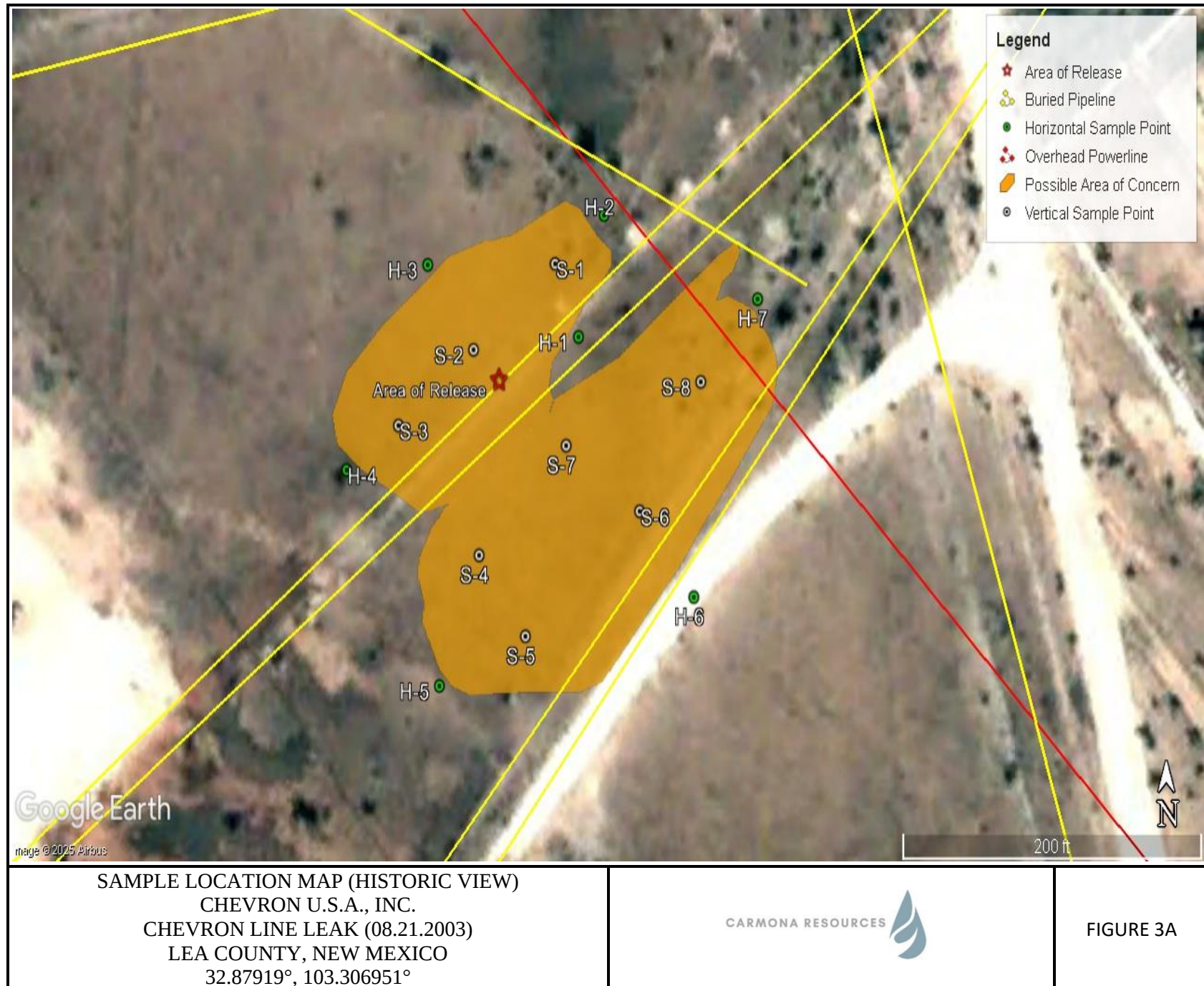


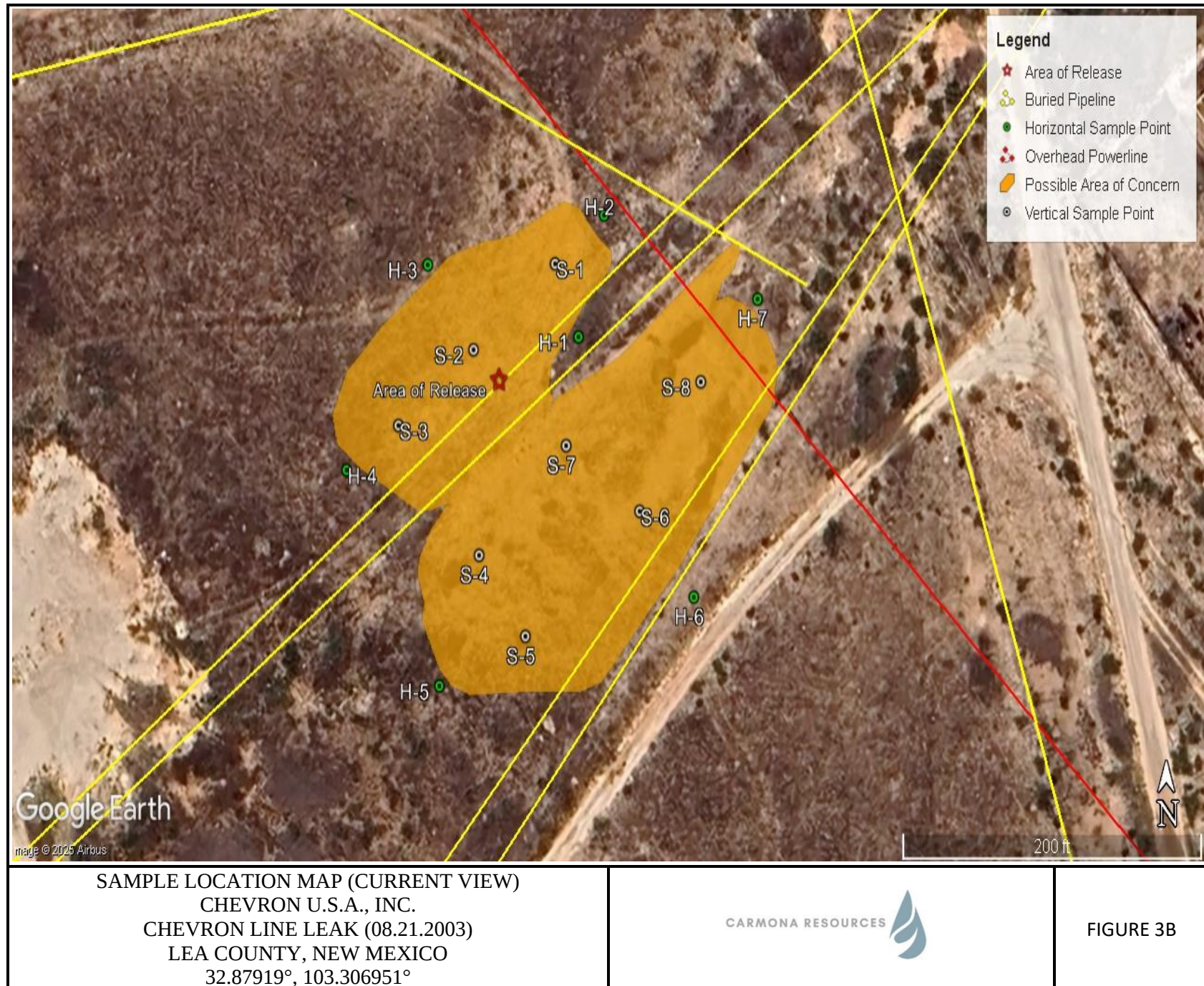


TOPOGRAPHIC MAP
CHEVRON U.S.A., INC.
CHEVRON LINE LEAK (08.21.2003)
LEA COUNTY, NEW MEXICO
32.87919°, 103.306951°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Chevron
Chevron Line Leak (08.21.2003)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	1/2/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	84.2
	"	1.5'R	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	68.6
S-2	1/2/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	83.9
	"	1.5'R	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	111
S-3	1/2/2025	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110
	"	1.5'R	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	97.0
S-4	1/2/2025	0-1'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	72.1
	"	1.5'R	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.1
S-5	1/2/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	109
	"	1.5'R	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.6
S-6	1/2/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.3
	"	1.5'R	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	78.2
S-7	1/2/2025	0-1'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	115
	"	1.5'R	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	81.1
S-8	1/2/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	75.7
	"	1.5'R	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	89.4
H-1	1/2/2025	0-1'	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	86.9
H-2	1/2/2025	0-1'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	90.1
H-3	1/2/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.4
H-4	1/2/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.0
H-5	1/2/2025	0-1'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.9
H-6	1/2/2025	0-1'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	98.9
H-7	1/2/2025	0-1'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	96.4
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Sample point
(H) Horizontal Point

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View West, area of S-1.



Photograph No. 2

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View West, area of S-2.



Photograph No. 3

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View West, area of S-3.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View East, area of S-4.



Photograph No. 5

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View East, area of S-5.



Photograph No. 6

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View East, area of S-6.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 7**Facility:** Chevron Line Leak (08.21.2003)**County:** Lea County, New Mexico**Description:**

View North, area of S-7.

**Photograph No. 8****Facility:** Chevron Line Leak (08.21.2003)**County:** Lea County, New Mexico**Description:**

View Northeast, area of S-8.

**Photograph No. 9****Facility:** Chevron Line Leak (08.21.2003)**County:** Lea County, New Mexico**Description:**

View North, Overview of vegetation regrowth in the area.



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 10

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View Southeast, Overview of vegetation regrowth in the area.



Photograph No. 11

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View Southeast, Overview of vegetation regrowth in the area.



Photograph No. 12

Facility: Chevron Line Leak (08.21.2003)

County: Lea County, New Mexico

Description:

View East, Overview of vegetation regrowth in the area.



APPENDIX C

CARMONA RESOURCES



OCD Permitting

Home Searches Incidents Incident Details

NEEM0402149647 CHEVRON LINE LEAK @ 0

General Incident Information

Site Name:

CHEVRON LINE LEAK

Well:

Facility:

Operator:

[189100] CHEVRON MIDCONTINENT, LP

Status:

Initial C-141 Approved, Pending submission of Site Characterization / Remediation Plan OR Remediation Closure Report from the operator

Type:

Produced Water Release

Severity:

Major

Surface Owner:

District:

Hobbs

County:

Lea (25)

Incident Location:

-36-16S-36E 0 FNL 0 FEL

Lat/Long:

32.87919,-103.306951 NAD83

Directions:

- Quic
- [Gene](#)
 - [Mater](#)
 - [Event](#)
 - [Order](#)
 - [Actior](#)

- Asso
- [Incide](#)

- New
- [New f](#)
 - [New I](#)
 - [New \(](#)
 - [New f](#)
 - [New t](#)
 - [New ~](#)
 - [New \](#)

Notes

Source of Referral:

Industry Rep

Action / Escalation:

Resulted In Fire:

☐

Resulted In Injury:

☐

Endangered Public Health:

☐

Will or Has Reached Watercourse:

☐

Fresh Water Contamination:

☐

Property Or Environmental Damage:

☐

Contact Details

Contact Name:

Contact Title:

Event Dates

Date of Discovery:

08/21/2003

Initial C-141 Report Due:

9/5/2003

Remediation Closure Report Due:

11/19/2003

Incident Dates

Type	Action	Received	Denied	Approved
Sampling Notice	[413758]	12/19/2024		12/19/2024
Initial C-141 Report		08/21/2003		08/21/2003

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Equipment Failure	Flow Line - Production	Produced Water	☐	50	35	15	BBL
The concentration of dissolved chloride in the produced water >10,000 mg/l: ☐ Yes ☒ No							

Incident Events

Date	Detail
12/19/2024	The (12/19/2024, C-141N) application [413758] was assigned to this incident.
01/21/2004	2" steel cement-lined pipe failed in weld and leaked blackish water out. Water was injected through line was shut off. A new 2" poly-lined and wrapped pipe will be installed to replace old line. Free liquids picked up. Soil was covered up with sand and will be loosened up with a backhoe.

Incident Severity

Major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
--	--

Incident Corrective Actions

- No initial response data was found for this incident.
- No site characterization data was found for this incident.
- No remediation plan data was found for this incident.
- No active remediation deferral request was found for this incident.
- No remediation closure report data was found for this incident.
- No reclamation report data was found for this incident.
- No re-vegetation report data was found for this incident.

Orders

No Orders Found

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

QUESTIONS

Action 413758

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 413758
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nEEM0402149647
Incident Name	NEEM0402149647 CHEVRON LINE LEAK @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	CHEVRON LINE LEAK
Date Release Discovered	08/21/2003
Surface Owner	Unavailable.

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	30,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/02/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.87919, -103.306951) Carmona Resources will be onsite on January 2, 2025, to conduct a site assessment of the 2003 pipeline release to see if any contamination is onsite.

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 413758

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 413758
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/19/2024

APPENDIX D

CARMONA RESOURCES

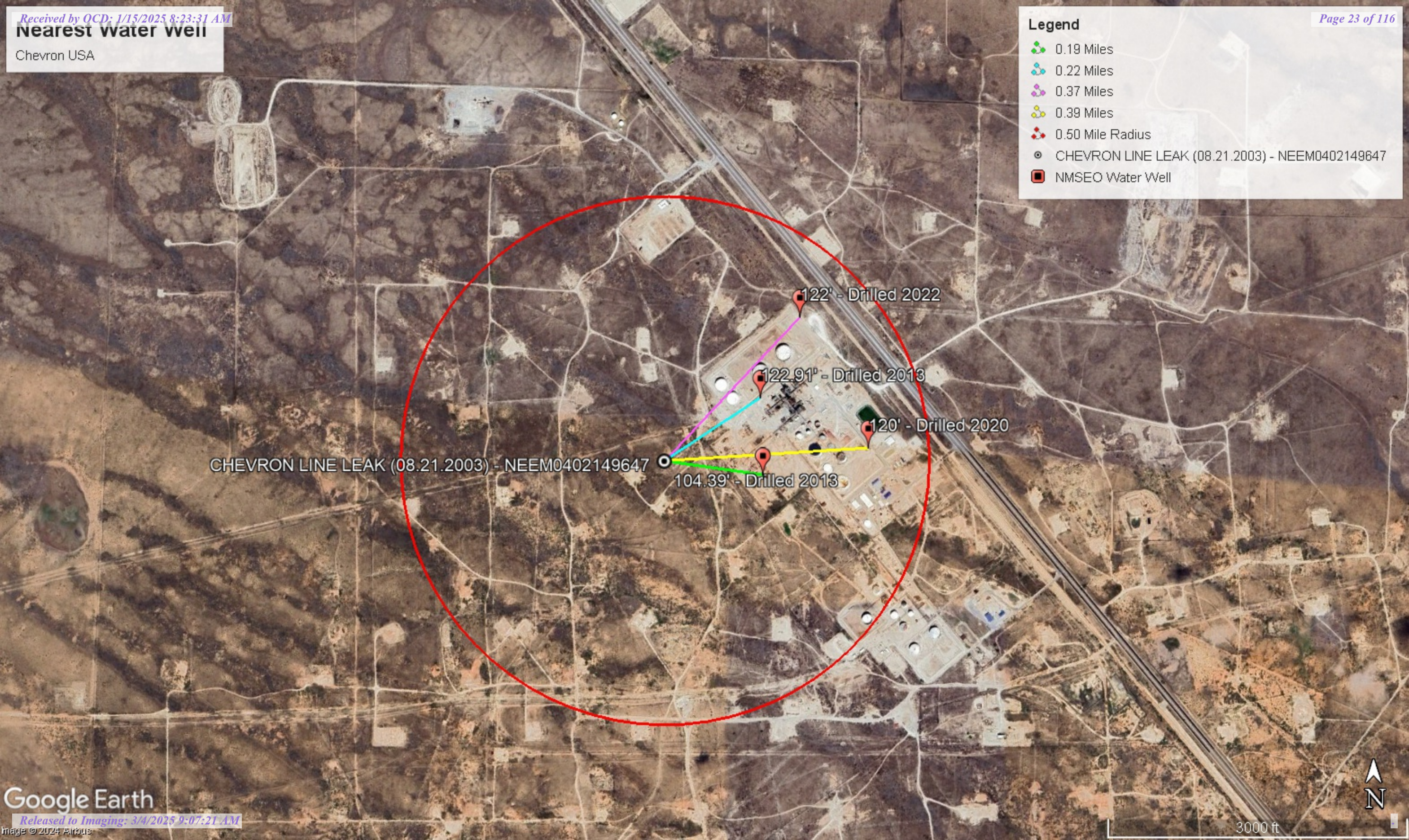


Nearest water well

Chevron USA

Legend

- 0.19 Miles
- 0.22 Miles
- 0.37 Miles
- 0.39 Miles
- 0.50 Mile Radius
- CHEVRON LINE LEAK (08.21.2003) - NEEM0402149647
- NMSEO Water Well



3000 ft

Low Karst

Chevron USA

Legend

-  CHEVRON LINE LEAK (08.21.2003) - NEEM0402149647
-  Low

CHEVRON LINE LEAK (08.21.2003) - NEEM0402149647 





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
L 13332 POD5		L	LE	SE	SW	NE	36	16S	36E	658565.7	3639279.0		216	137	120	17
L 12562 POD14		L	LE		NE	NE	36	16S	36E	658677.1	3639136.0		296	116	101	15
L 13332 POD2		L	LE	SE	SW	NE	36	16S	36E	658677.2	3639129.8		297	120	104	16
L 13332 POD3		L	LE	NE	SW	NE	36	16S	36E	658660.5	3639363.7		342	128	123	5
L 12562 POD15		L	LE	SE	NW	NE	36	16S	36E	658634.4	3639529.6		444	122	107	15
L 14228 POD1		L	LE	SW	SE	NE	36	16S	36E	658821.1	3639303.7		460	130		
L 04058 S23		L	LE		SE	NE	36	16S	36E	658894.0	3639301.0 *		530	119	90	29
L 12562 POD7		L	LE	SE	SE	NE	36	16S	36E	658911.6	3639266.1		539	122	107	15
L 12562 POD1		L	LE	NE	NE	SE	36	16S	36E	658908.1	3639001.1		550	120	105	15
L 01350		L	LE		NE	SE	36	16S	36E	658901.0	3638899.0 *		582	110	55	55
L 04058 S15		L	LE	SW	NE	NE	36	16S	36E	658786.0	3639603.0 *		596	260	50	210
L 04058 S18		L	LE	SE	SW	NW	36	16S	36E	657783.0	3639180.0 *		599	265	50	215
L 04058 S26		L	LE	SE	SE	NE	36	16S	36E	658993.0	3639200.0 *		612	237		
L 12562 POD8		L	LE	NE	NE	SE	36	16S	36E	658992.3	3639097.9		613	122	107	15
L 13332 POD7		L	LE	SE	SE	NE	36	16S	36E	658998.3	3639212.0		618	137	120	17
L 12562 POD6		L	LE	SE	SE	NE	36	16S	36E	659000.9	3639212.0		620	124	109	15
L 12562 POD13		L	LE	NE	SE	NE	36	16S	36E	658956.2	3639405.4		622	120	105	15
L 04058 S25		L	LE	NE	SW	NW	36	16S	36E	657783.0	3639380.0 *		636	256	88	168
L 04058 POD2		L	LE	NE	NE	SE	36	16S	36E	659000.0	3638998.0 *		639	248	62	186
L 04058 S16		L	LE	NE	NE	SE	36	16S	36E	659000.0	3638998.0 *		639	235	62	173
L 01438		L	LE		SW	SE	36	16S	36E	658504.0	3638490.0 *		684	110	45	65
L 14263 POD3		L	LE	SE	SE	SE	01	17S	36E	658914.0	3638715.9		695	225		
L 12562 POD10		L	LE	NE	NE	SE	36	16S	36E	659031.7	3638913.7		696	113	98	15
L 12562 POD2		L	LE	NE	NE	SW	36	16S	36E	659064.7	3638963.5		711	112	97	15
L 13332 POD6		L	LE	NE	NE	SE	36	16S	36E	659064.7	3638963.5		711	125	109	16
L 04058 S21		L	LE	SE	NW	NW	36	16S	36E	657777.0	3639583.0 *		735	251	65	186

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
L 04058 S22		L	LE		NW	SW	36	16S	36E	657691.0	3638878.0	* 	747	239	68	171

Average Depth to Water: **89 feet**

Minimum Depth: **45 feet**

Maximum Depth: **123 feet**

Record Count: 27

UTM Filters (in meters):

Easting: 658382.00
Northing: 3639164.00
Radius: 800

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OFFICE OF STATE ENGINEER
SANTA FE, NEW MEXICO

2013 JUL 22 AM 11:44

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) MW-17R				OSE FILE NUMBER(S) L-13332			
	WELL OWNER NAME(S) Navajo Refining Company				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS P. O. Box 159				CITY Artesia		STATE NM	ZIP 88211
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 52	SECONDS 43.6 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER 1575		NAME OF LICENSED DRILLER Shane Currie			NAME OF WELL DRILLING COMPANY Talon/LPE		
	DRILLING STARTED 6-18-13	DRILLING ENDED 6-18-13	DEPTH OF COMPLETED WELL (FT) 120		BORE HOLE DEPTH (FT) 130	DEPTH WATER FIRST ENCOUNTERED (FT) 104.39		
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 104.39		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	100	6 1/4	PVC Casino	Threaded	2	sch 40	1
	100	120	6 1/4	PVC Screen	Threaded	2	sch 40	0.010
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	2	6 1/4	quick crete cement	2 baas	Poured		
	2	97	6 1/4	Baroids bentonite hole plus 3/8 chips	15 baas	Poured		
	97	120	6 1/4	Washed 8/16 sand	6 baas	Poured		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 08/08/2012)

FILE NUMBER L-13332	POD NUMBER 2	TRN NUMBER 528689	PAGE 1 OF 2
LOCATION 16S-36E-36-2-3-4			

[illegible]

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	L-13332	POD NUMBER	2
LOCATION	116S 316E 316 2-3-4	TRN NUMBER	528699
			PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OFFICE OF STATE ENGINEER
SANTA FE, NEW MEXICO

2013 JUL 31 PM 2:13

2013 JUL 22 AM 11:44

STATE ENGINEER OFFICE

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) MW-30				OSE FILE NUMBER(S) L-13332			
	WELL OWNER NAME(S) Navajo Refining Company				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS P. O. Box 159				CITY Artesia		STATE NM	ZIP 88211
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 52	SECONDS 51.2 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER 1575		NAME OF LICENSED DRILLER Shane Currie			NAME OF WELL DRILLING COMPANY Talon/LPE		
	DRILLING STARTED 6-18-13	DRILLING ENDED 6-20-13	DEPTH OF COMPLETED WELL (FT) 128	BORE HOLE DEPTH (FT) 140	DEPTH WATER FIRST ENCOUNTERED (FT) 110.49			
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 122.91			
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	108	6 1/4	PVC Casing	Threaded	2	sch 40	
	108	120	6 1/4	PVC Screen	Threaded	2	sch 40	0.010
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	0	2	6 1/4	quick crete cement	2 baas	Poured		
	2	106	6 1/4	Bariods Bentonite 3/8 chips	16 baas	Poured		
	106	128	6 1/4	Washed 8/16 sand	6 baas	Poured		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/08/2012)

FILE NUMBER	L-13332	POD NUMBER	3	TRN NUMBER	528699
LOCATION	16S. 36E. 36.2-3-2				PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	L-13332	POD NUMBER	3
LOCATION	110S 310E 310 2-3-2		TRN NUMBER
			528699
			PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) L 04058-S15		WELL TAG ID NO.		OSE FILE NO(S). L 04058			
	WELL OWNER NAME(S) City of Lovington				PHONE (OPTIONAL) 575-704-2491			
	WELL OWNER MAILING ADDRESS 214 S. Love Street				CITY STATE ZIP Lovington NM 88260			
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 52	SECONDS 59.12	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
	LONGITUDE	103	18	9.28	W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE City of Lovington Well #9								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1477		NAME OF LICENSED DRILLER ROBERT MAUCK			NAME OF WELL DRILLING COMPANY M&W		
	DRILLING STARTED 12-19-22	DRILLING ENDED 12-19-22	DEPTH OF COMPLETED WELL (FT) 222	BORE HOLE DEPTH (FT) 235	DEPTH WATER FIRST ENCOUNTERED (FT) 122			
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 122		DATE STATIC MEASURED 12-19-22	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY: N/A							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY: N/A				CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐			
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	122	12" Steel	Steel	Weld	8	0.188	Blank
	122	222	12" Steel	Steel	Weld	8	0.188	1/8"
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	L-04058-S15-RPR	POD NO.		TRN NO.	739050
LOCATION	16S-36E-36.3-2-2	WELL TAG ID NO.		PAGE 1 OF 2	

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
4. HYDROGEOLOGIC LOG OF WELL				N/A	Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 322
☒ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Install 8" Steel casing liner into existing well with 12" steel casing. Set 8" steel liner on bottom. Lug and attach to existing 12" at well head. Install submersable pump and pump well at 322 GPM. QSE DTI JAN 3 2023 PM 2:27					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION, OTHER THAN LICENSEE: QSE DTI JAN 3 2023 PM 2:27						
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:					
	Robert Mauck				12-22-22 DATE	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME						

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	L-04058-2PR	POD NO.	TRN NO. 739050
LOCATION	11.5.31.36.3.2.2	WELL TAG ID NO.	PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 7 (MW-26R)		WELL TAG ID NO.		OSE FILE NO(S). L-13332			
	WELL OWNER NAME(S) HollyFrontier Navajo Refining, LLC				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 501 E Main Street				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 52	SECONDS 46.3 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	18	01.3 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Navajo Refining Co at 7406 S. Main Ave, Lovington, NM 88260 (SESENE Sec. of 36, T 16S, R36E NMPM)								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1800		NAME OF LICENSED DRILLER Jarod D. Michalsky			NAME OF WELL DRILLING COMPANY Talon LPE		
	DRILLING STARTED 08/13/2020		DRILLING ENDED 08/17/2020		DEPTH OF COMPLETED WELL (FT) 137	BORE HOLE DEPTH (FT) 140	DEPTH WATER FIRST ENCOUNTERED (FT) 120.0	
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT)		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	117	6.0	New Plastic PVC Sch. 40	Riser	2.0		
	117	137	6.0	New Plastic PVC Sch. 40	Screen	2.0		0.010
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	3	6.0	Cement	0.59	Tremie		
	3	114	6.0	Bentonite	21.92	Tremie		
	114	137	6.0	8/16 Sand	23.0	Tremie		

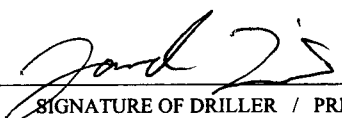
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. L-13332	POD NO. 7	TRN NO. 670482
LOCATION 16S.36E.34.244		WELL TAG ID NO.
		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	5	5	Gravel, Sand, Caliche (White/Tan) Hard	Y ✓ N	
	5	20	15	Silty Sand, (White/Tan) V.F. Grain, Poor Sorted, Loose, Dry	Y ✓ N	
	20	40	20	Silty Sand, (White/Tan) V.F. Grained, Loose, Poor sorted, Dry	Y ✓ N	
	40	62	22	Sand (Orange/Tan) V.F. Grain, Loose, Well Sorted, Dry	Y ✓ N	
	62	82	20	Sand (Orange/Tan) V.F. Grain, Loose, Well Sorted, Dry	Y ✓ N	
	82	97.5	15.5	Sand (Orange/Tan), V.F. Grains, Loose, Well Sorted, Cemented, Dry	Y ✓ N	
	97.5	99	1.5	Sand Slone - per Driller - Hard Drilling	Y ✓ N	
	99	100	1	Sand, V.F. Grain (Orange/Tan) Loose, Well Sorted, Sandstone, Dry	Y ✓ N	
	100	120	20	Sand (Orange/Tan) V.F. Grain, Fine Grain, Loose, Well Sorted, Dry	Y ✓ N	
	120	140	20	Sand (Orange/Tan) Fine Grain Size, Loose, Well Sorted, Moist, Sandstone	✓ Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):	
☐ PUMP ☐ AIR LIFT ☒ BAILER ☐ OTHER - SPECIFY:					0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jose Salas II		

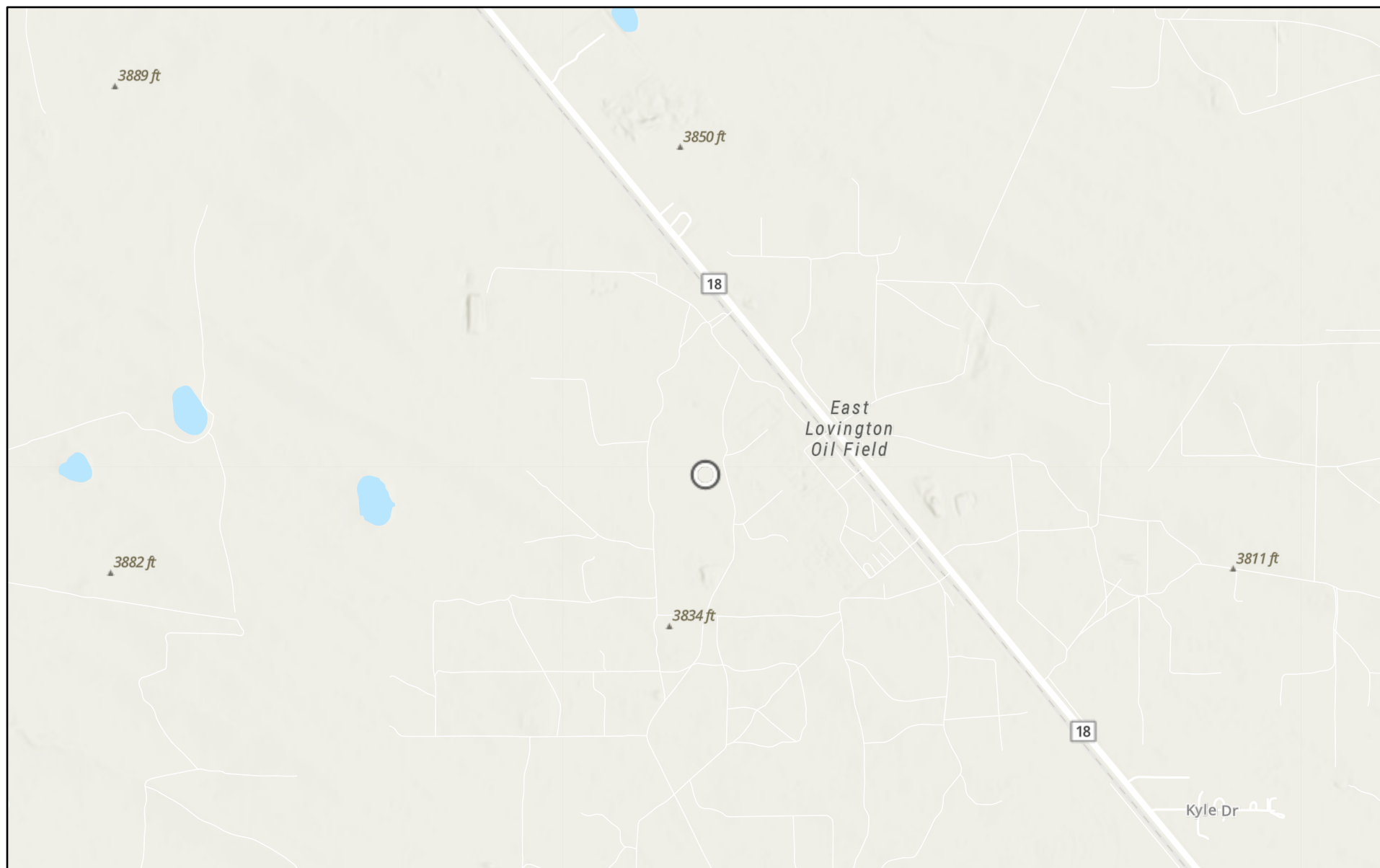
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:
 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jarod D. Michalsky DATE: 11/16/2020

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/2017)

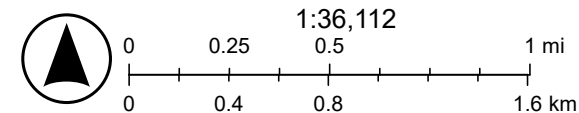
FILE NO. L-13332	POD NO. 7	TRN NO. 670482
LOCATION		WELL TAG ID NO.
		PAGE 2 OF 2

CHEVRON LINE LEAK (08.21.2003)



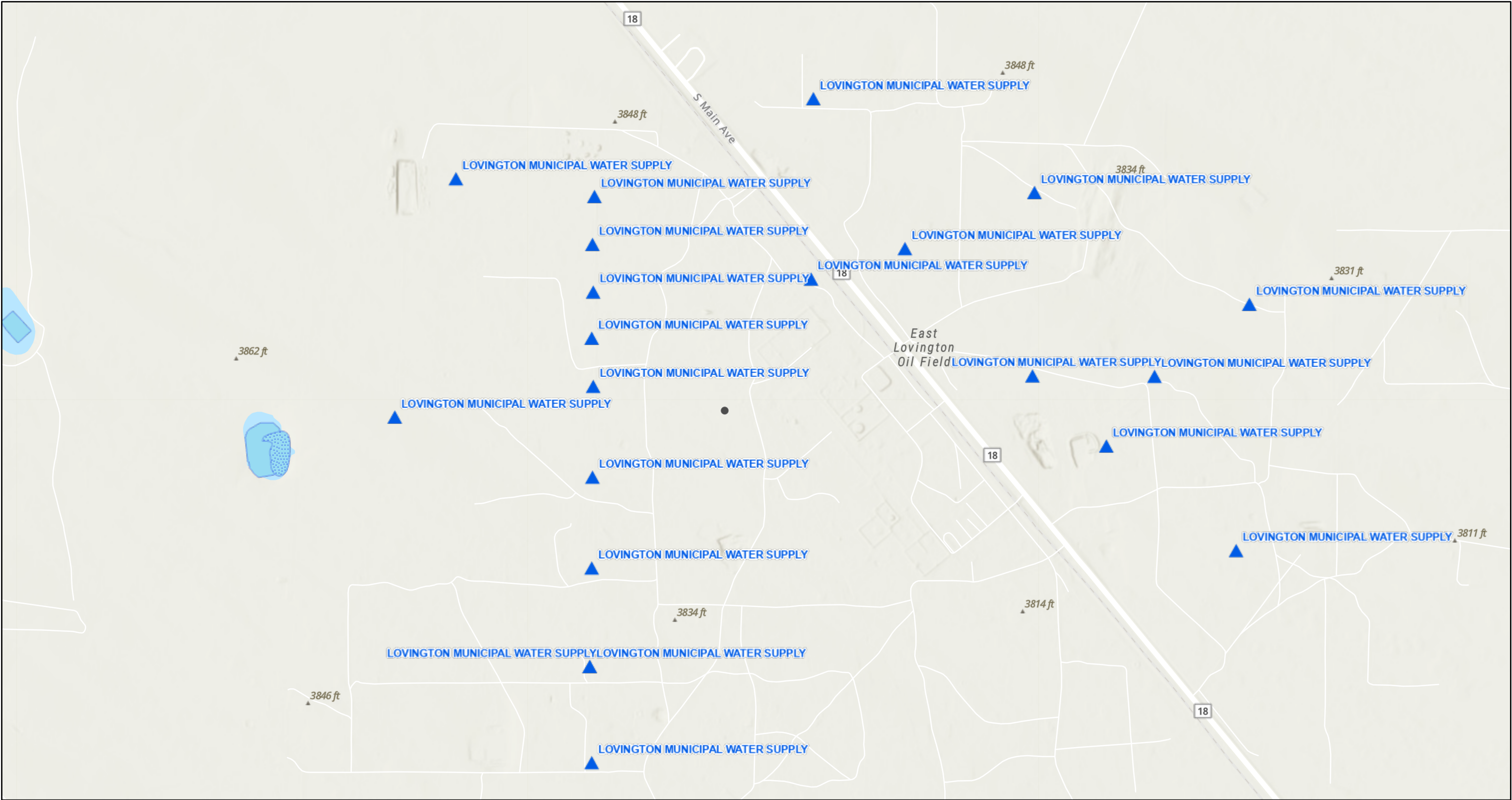
11/6/2024

World Hillshade



Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

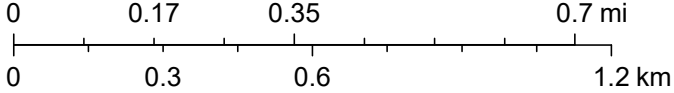
CHEVRON LINE LEAK (08.21.2003)



11/6/2024, 3:03:02 PM

1:18,056

-  NMED Drinking Water Systems
-  OSW Water Bodys
-  OSE Probable Playas



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

APPENDIX E

CARMONA RESOURCES





Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 1/6/2025 11:48:34 AM

JOB DESCRIPTION

Chevron Line Leak (08.21.2003)
Lea CO, NM

JOB NUMBER

880-52771-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/6/2025 11:48:34 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Laboratory Job ID: 880-52771-1
SDG: Lea CO, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	28
Lab Chronicle	33
Certification Summary	38
Method Summary	39
Sample Summary	40
Chain of Custody	41
Receipt Checklists	43

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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

Case Narrative

Client: Carmona Resources
Project: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1

Job ID: 880-52771-1

Eurofins Midland

Job Narrative
880-52771-1

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 1/2/2025 2:00 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 3.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-52771-1), S-1 (1.5')R (880-52771-2), S-2 (0-1') (880-52771-3), S-2 (1.5')R (880-52771-4), S-3 (0-1') (880-52771-5), S-3 (1.5')R (880-52771-6), S-4 (0-1') (880-52771-7), S-4 (1.5')R (880-52771-8), S-5 (0-1') (880-52771-9), S-5 (1.5')R (880-52771-10), S-6 (0-1') (880-52771-11), S-6 (1.5')R (880-52771-12), S-7 (0-1') (880-52771-13), S-7 (1.5')R (880-52771-14), S-8 (0-1') (880-52771-15) and S-8 (1.5')R (880-52771-16).

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-99266 and analytical batch 880-99257 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-1 (0-1') (880-52771-1), S-7 (0-1') (880-52771-13), S-8 (0-1') (880-52771-15) and S-8 (1.5')R (880-52771-16). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-52813-A-1-A), (880-52813-A-1-B MS) and (880-52813-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-99436 and analytical batch 880-99407 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-99359 and analytical batch 880-99439 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-99437 and analytical batch 880-99438 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1

Job ID: 880-52771-1 (Continued)

Eurofins Midland

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-52771-1

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 17:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 15:00	01/02/25 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 17:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 15:00	01/02/25 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/02/25 15:00	01/02/25 17:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/02/25 15:00	01/02/25 17:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/02/25 17:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/03/25 23:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/03/25 12:52	01/03/25 23:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/03/25 12:52	01/03/25 23:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/03/25 12:52	01/03/25 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	01/03/25 12:52	01/03/25 23:05	1
o-Terphenyl	67	S1-	70 - 130	01/03/25 12:52	01/03/25 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.2		10.0		mg/Kg			01/03/25 22:36	1

Client Sample ID: S-1 (1.5')R

Lab Sample ID: 880-52771-2

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/02/25 15:00	01/02/25 18:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/02/25 15:00	01/02/25 18:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/02/25 15:00	01/02/25 18:11	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/02/25 15:00	01/02/25 18:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/02/25 15:00	01/02/25 18:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/02/25 15:00	01/02/25 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/02/25 15:00	01/02/25 18:11	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/02/25 15:00	01/02/25 18:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-1 (1.5")R

Lab Sample ID: 880-52771-2

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/02/25 18:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/03/25 23:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/03/25 12:52	01/03/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/03/25 12:52	01/03/25 23:20	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/03/25 12:52	01/03/25 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				01/03/25 12:52	01/03/25 23:20	1
o-Terphenyl	70		70 - 130				01/03/25 12:52	01/03/25 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.6		9.98		mg/Kg			01/03/25 22:41	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-52771-3

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 18:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 18:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 18:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/02/25 15:00	01/02/25 18:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 18:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/02/25 15:00	01/02/25 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				01/02/25 15:00	01/02/25 18:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/02/25 15:00	01/02/25 18:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/02/25 18:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/03/25 23:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/03/25 23:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/03/25 23:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-52771-3

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/03/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/03/25 12:52	01/03/25 23:35	1
o-Terphenyl	76		70 - 130				01/03/25 12:52	01/03/25 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.9		9.96		mg/Kg			01/03/25 22:47	1

Client Sample ID: S-2 (1.5')R

Lab Sample ID: 880-52771-4

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 18:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 18:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 18:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 15:00	01/02/25 18:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 18:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 15:00	01/02/25 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				01/02/25 15:00	01/02/25 18:52	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/02/25 15:00	01/02/25 18:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 18:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/03/25 23:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/03/25 12:52	01/03/25 23:49	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/03/25 12:52	01/03/25 23:49	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/03/25 12:52	01/03/25 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				01/03/25 12:52	01/03/25 23:49	1
o-Terphenyl	76		70 - 130				01/03/25 12:52	01/03/25 23:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		10.0		mg/Kg			01/03/25 22:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-52771-5

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 19:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 19:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 19:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 15:00	01/02/25 19:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 15:00	01/02/25 19:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 15:00	01/02/25 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/02/25 15:00	01/02/25 19:13	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/02/25 15:00	01/02/25 19:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 19:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/04/25 00:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/03/25 12:52	01/04/25 00:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/03/25 12:52	01/04/25 00:05	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/03/25 12:52	01/04/25 00:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/03/25 12:52	01/04/25 00:05	1
o-Terphenyl	80		70 - 130	01/03/25 12:52	01/04/25 00:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		10.0		mg/Kg			01/03/25 22:58	1

Client Sample ID: S-3 (1.5')R

Lab Sample ID: 880-52771-6

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 19:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 19:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 19:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/02/25 15:00	01/02/25 19:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 19:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/02/25 15:00	01/02/25 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/02/25 15:00	01/02/25 19:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130	01/02/25 15:00	01/02/25 19:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-3 (1.5")R

Lab Sample ID: 880-52771-6

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/02/25 19:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/04/25 00:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/03/25 12:52	01/04/25 00:19	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/03/25 12:52	01/04/25 00:19	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/03/25 12:52	01/04/25 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/03/25 12:52	01/04/25 00:19	1
o-Terphenyl	83		70 - 130				01/03/25 12:52	01/04/25 00:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.0		10.1		mg/Kg			01/03/25 23:04	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-52771-7

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/02/25 15:00	01/02/25 19:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/02/25 15:00	01/02/25 19:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/02/25 15:00	01/02/25 19:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/02/25 15:00	01/02/25 19:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/02/25 15:00	01/02/25 19:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/02/25 15:00	01/02/25 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/02/25 15:00	01/02/25 19:53	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/02/25 15:00	01/02/25 19:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/02/25 19:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/04/25 00:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/03/25 12:52	01/04/25 00:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/03/25 12:52	01/04/25 00:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-52771-7

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/03/25 12:52	01/04/25 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/03/25 12:52	01/04/25 00:49	1
o-Terphenyl	82		70 - 130				01/03/25 12:52	01/04/25 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.1		9.94		mg/Kg			01/03/25 23:09	1

Client Sample ID: S-4 (1.5')R

Lab Sample ID: 880-52771-8

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 20:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 20:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 20:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 15:00	01/02/25 20:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 15:00	01/02/25 20:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 15:00	01/02/25 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				01/02/25 15:00	01/02/25 20:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/02/25 15:00	01/02/25 20:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/02/25 20:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/04/25 01:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 01:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 01:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				01/03/25 12:52	01/04/25 01:05	1
o-Terphenyl	73		70 - 130				01/03/25 12:52	01/04/25 01:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.1	F1	10.1		mg/Kg			01/04/25 01:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-52771-9

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:50	01/02/25 22:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:50	01/02/25 22:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:50	01/02/25 22:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/02/25 14:50	01/02/25 22:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:50	01/02/25 22:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/02/25 14:50	01/02/25 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/02/25 14:50	01/02/25 22:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/02/25 14:50	01/02/25 22:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/02/25 22:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/04/25 01:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/03/25 12:52	01/04/25 01:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/03/25 12:52	01/04/25 01:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/03/25 12:52	01/04/25 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	01/03/25 12:52	01/04/25 01:19	1
o-Terphenyl	78		70 - 130	01/03/25 12:52	01/04/25 01:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		10.1		mg/Kg			01/04/25 02:02	1

Client Sample ID: S-5 (1.5')R

Lab Sample ID: 880-52771-10

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 14:50	01/02/25 23:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 14:50	01/02/25 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/02/25 14:50	01/02/25 23:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/02/25 14:50	01/02/25 23:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-5 (1.5')R

Lab Sample ID: 880-52771-10

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 23:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/04/25 01:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/04/25 01:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/04/25 01:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/04/25 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/03/25 12:52	01/04/25 01:34	1
o-Terphenyl	85		70 - 130				01/03/25 12:52	01/04/25 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.6		10.1		mg/Kg			01/04/25 02:08	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-52771-11

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 14:50	01/02/25 23:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/02/25 23:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 14:50	01/02/25 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				01/02/25 14:50	01/02/25 23:40	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/02/25 14:50	01/02/25 23:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 23:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/04/25 01:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/04/25 01:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/04/25 01:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-52771-11

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/04/25 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/03/25 12:52	01/04/25 01:50	1
o-Terphenyl	83		70 - 130				01/03/25 12:52	01/04/25 01:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		10.1		mg/Kg			01/04/25 02:14	1

Client Sample ID: S-6 (1.5')R

Lab Sample ID: 880-52771-12

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/02/25 14:50	01/03/25 00:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/02/25 14:50	01/03/25 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/02/25 14:50	01/03/25 00:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/02/25 14:50	01/03/25 00:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/03/25 00:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/04/25 02:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 02:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 02:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				01/03/25 12:52	01/04/25 02:04	1
o-Terphenyl	98		70 - 130				01/03/25 12:52	01/04/25 02:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.2		9.90		mg/Kg			01/04/25 02:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-52771-13

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 14:50	01/03/25 00:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 00:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 14:50	01/03/25 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/02/25 14:50	01/03/25 00:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/02/25 14:50	01/03/25 00:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/03/25 00:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/04/25 02:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/03/25 12:52	01/04/25 02:19	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/03/25 12:52	01/04/25 02:19	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/03/25 12:52	01/04/25 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	01/03/25 12:52	01/04/25 02:19	1
o-Terphenyl	65	S1-	70 - 130	01/03/25 12:52	01/04/25 02:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		9.90		mg/Kg			01/04/25 02:38	1

Client Sample ID: S-7 (1.5')R

Lab Sample ID: 880-52771-14

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/02/25 14:50	01/03/25 00:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/02/25 14:50	01/03/25 00:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/02/25 14:50	01/03/25 00:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/02/25 14:50	01/03/25 00:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/02/25 14:50	01/03/25 00:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/02/25 14:50	01/03/25 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/02/25 14:50	01/03/25 00:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/02/25 14:50	01/03/25 00:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-7 (1.5")R

Lab Sample ID: 880-52771-14

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/03/25 00:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/04/25 02:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 02:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 02:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/03/25 12:52	01/04/25 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/03/25 12:52	01/04/25 02:33	1
o-Terphenyl	71		70 - 130				01/03/25 12:52	01/04/25 02:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.1		9.92		mg/Kg			01/04/25 02:43	1

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-52771-15

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 01:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 14:50	01/03/25 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/03/25 01:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 14:50	01/03/25 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				01/02/25 14:50	01/03/25 01:02	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/02/25 14:50	01/03/25 01:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/03/25 01:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/04/25 02:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/04/25 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/04/25 02:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-52771-15

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/04/25 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				01/03/25 12:52	01/04/25 02:48	1
o-Terphenyl	65	S1-	70 - 130				01/03/25 12:52	01/04/25 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.7		10.1		mg/Kg			01/04/25 02:49	1

Client Sample ID: S-8 (1.5')R

Lab Sample ID: 880-52771-16

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/03/25 01:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/03/25 01:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/03/25 01:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 14:50	01/03/25 01:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:50	01/03/25 01:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 14:50	01/03/25 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				01/02/25 14:50	01/03/25 01:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/02/25 14:50	01/03/25 01:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/03/25 01:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/04/25 03:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/04/25 03:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/04/25 03:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/03/25 12:52	01/04/25 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				01/03/25 12:52	01/04/25 03:02	1
o-Terphenyl	65	S1-	70 - 130				01/03/25 12:52	01/04/25 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.4		10.1		mg/Kg			01/04/25 02:56	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-52771-1	S-1 (0-1')	112	102
880-52771-2	S-1 (1.5')R	116	102
880-52771-3	S-2 (0-1')	116	97
880-52771-4	S-2 (1.5')R	113	102
880-52771-5	S-3 (0-1')	115	102
880-52771-6	S-3 (1.5')R	113	101
880-52771-7	S-4 (0-1')	114	101
880-52771-8	S-4 (1.5')R	127	100
880-52771-9	S-5 (0-1')	107	97
880-52771-9 MS	S-5 (0-1')	102	99
880-52771-9 MSD	S-5 (0-1')	101	98
880-52771-10	S-5 (1.5')R	93	99
880-52771-11	S-6 (0-1')	106	101
880-52771-12	S-6 (1.5')R	108	98
880-52771-13	S-7 (0-1')	97	99
880-52771-14	S-7 (1.5')R	108	99
880-52771-15	S-8 (0-1')	103	98
880-52771-16	S-8 (1.5')R	104	101
890-7525-A-1-A MS	Matrix Spike	106	98
890-7525-A-1-B MSD	Matrix Spike Duplicate	109	100
LCS 880-99266/1-A	Lab Control Sample	107	100
LCS 880-99336/1-A	Lab Control Sample	91	100
LCSD 880-99266/2-A	Lab Control Sample Dup	107	100
LCSD 880-99336/2-A	Lab Control Sample Dup	97	99
MB 880-98971/5-A	Method Blank	96	93
MB 880-99266/5-A	Method Blank	101	95
MB 880-99336/5-A	Method Blank	89	92
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-52771-1	S-1 (0-1')	68 S1-	67 S1-
880-52771-2	S-1 (1.5')R	71	70
880-52771-3	S-2 (0-1')	78	76
880-52771-4	S-2 (1.5')R	78	76
880-52771-5	S-3 (0-1')	83	80
880-52771-6	S-3 (1.5')R	84	83
880-52771-7	S-4 (0-1')	84	82
880-52771-8	S-4 (1.5')R	73	73
880-52771-9	S-5 (0-1')	78	78
880-52771-10	S-5 (1.5')R	85	85
880-52771-11	S-6 (0-1')	84	83
880-52771-12	S-6 (1.5')R	101	98

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-52771-13	S-7 (0-1')	66 S1-	65 S1-
880-52771-14	S-7 (1.5')R	72	71
880-52771-15	S-8 (0-1')	66 S1-	65 S1-
880-52771-16	S-8 (1.5')R	67 S1-	65 S1-
880-52813-A-1-B MS	Matrix Spike	73	66 S1-
880-52813-A-1-C MSD	Matrix Spike Duplicate	73	67 S1-
LCS 880-99436/2-A	Lab Control Sample	118	109
LCSD 880-99436/3-A	Lab Control Sample Dup	124	115
MB 880-99436/1-A	Method Blank	95	95
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-98971/5-A

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:35	01/02/25 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:35	01/02/25 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:35	01/02/25 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/27/24 14:35	01/02/25 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/27/24 14:35	01/02/25 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/27/24 14:35	01/02/25 11:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	12/27/24 14:35	01/02/25 11:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/27/24 14:35	01/02/25 11:38	1

Lab Sample ID: MB 880-99266/5-A

Matrix: Solid

Analysis Batch: 99257

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99266

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 08:58	01/02/25 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 08:58	01/02/25 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 08:58	01/02/25 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/02/25 08:58	01/02/25 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 08:58	01/02/25 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/02/25 08:58	01/02/25 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/02/25 08:58	01/02/25 11:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/02/25 08:58	01/02/25 11:30	1

Lab Sample ID: LCS 880-99266/1-A

Matrix: Solid

Analysis Batch: 99257

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09641		mg/Kg		96	70 - 130
Toluene	0.100	0.09070		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09097		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1855		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09453		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-99266/2-A

Matrix: Solid

Analysis Batch: 99257

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09796		mg/Kg		98	70 - 130	2	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-99266/2-A

Matrix: Solid

Analysis Batch: 99257

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09256		mg/Kg		93	70 - 130	2	35
Ethylbenzene	0.100	0.09293		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130	2	35
o-Xylene	0.100	0.09643		mg/Kg		96	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-7525-A-1-A MS

Matrix: Solid

Analysis Batch: 99257

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 99266

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.09891		mg/Kg		99	70 - 130
Toluene	<0.00201	U	0.0998	0.08277		mg/Kg		83	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.06978		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1373	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00201	U F1	0.0998	0.06804	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-7525-A-1-B MSD

Matrix: Solid

Analysis Batch: 99257

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 99266

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1059		mg/Kg		107	70 - 130	7	35
Toluene	<0.00201	U	0.0990	0.09120		mg/Kg		92	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.0990	0.07871		mg/Kg		79	70 - 130	12	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.1567		mg/Kg		79	70 - 130	13	35
o-Xylene	<0.00201	U F1	0.0990	0.07854		mg/Kg		79	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-99336/5-A

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/02/25 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/02/25 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/02/25 22:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/02/25 14:50	01/02/25 22:37	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-99336/5-A

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99336

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:50	01/02/25 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/02/25 14:50	01/02/25 22:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/02/25 14:50	01/02/25 22:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/02/25 14:50	01/02/25 22:37	1

Lab Sample ID: LCS 880-99336/1-A

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99336

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1174		mg/Kg		117	70 - 130
Toluene	0.100	0.1147		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1084		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2051		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1135		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-99336/2-A

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99336

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1175		mg/Kg		117	70 - 130	0	35
Toluene	0.100	0.1130		mg/Kg		113	70 - 130	2	35
Ethylbenzene	0.100	0.1074		mg/Kg		107	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2025		mg/Kg		101	70 - 130	1	35
o-Xylene	0.100	0.1124		mg/Kg		112	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-52771-9 MS

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 99336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.1022		mg/Kg		102	70 - 130
Toluene	<0.00201	U	0.0998	0.1011		mg/Kg		101	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.09524		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1816		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09870		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-52771-9 MS

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 99336

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-52771-9 MSD

Matrix: Solid

Analysis Batch: 99258

Client Sample ID: S-5 (0-1')

Prep Type: Total/NA

Prep Batch: 99336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09584		mg/Kg		97	70 - 130	6	35
Toluene	<0.00201	U	0.0990	0.09123		mg/Kg		92	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.0990	0.08624		mg/Kg		87	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1633		mg/Kg		82	70 - 130	11	35
o-Xylene	<0.00201	U	0.0990	0.09044		mg/Kg		91	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-99436/1-A

Matrix: Solid

Analysis Batch: 99407

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99436

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/03/25 20:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/03/25 20:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/03/25 12:52	01/03/25 20:50	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	95		70 - 130	01/03/25 12:52	01/03/25 20:50	1			
o-Terphenyl	95		70 - 130	01/03/25 12:52	01/03/25 20:50	1			

Lab Sample ID: LCS 880-99436/2-A

Matrix: Solid

Analysis Batch: 99407

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1105		mg/Kg		111	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	109		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-99436/3-A

Matrix: Solid

Analysis Batch: 99407

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99436

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1109		mg/Kg		111	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1143		mg/Kg		114	70 - 130	3	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane		124		70 - 130					
o-Terphenyl		115		70 - 130					

Lab Sample ID: 880-52813-A-1-B MS

Matrix: Solid

Analysis Batch: 99407

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 99436

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	1000	690.5	F1	mg/Kg		69	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	760.7		mg/Kg		73	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane		73		70 - 130							
o-Terphenyl		66	S1-	70 - 130							

Lab Sample ID: 880-52813-A-1-C MSD

Matrix: Solid

Analysis Batch: 99407

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 99436

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	1000	695.6	F1	mg/Kg		69	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	750.4		mg/Kg		72	70 - 130	1	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane		73		70 - 130							
o-Terphenyl		67	S1-	70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99437/1-A

Matrix: Solid

Analysis Batch: 99438

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/04/25 01:27	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-99437/2-A

Matrix: Solid

Analysis Batch: 99438

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.9		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-99437/3-A

Matrix: Solid

Analysis Batch: 99438

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	263.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-52771-8 MS

Matrix: Solid

Analysis Batch: 99438

Client Sample ID: S-4 (1.5')R

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79.1	F1	253	374.0	F1	mg/Kg		117	90 - 110

Lab Sample ID: 880-52771-8 MSD

Matrix: Solid

Analysis Batch: 99438

Client Sample ID: S-4 (1.5')R

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79.1	F1	253	374.7	F1	mg/Kg		117	90 - 110	0	20

Lab Sample ID: MB 880-99359/1-A

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/03/25 20:19	1

Lab Sample ID: LCS 880-99359/2-A

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.8		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-99359/3-A

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	263.5		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-52764-A-5-C MS

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	67.9	F1	250	409.2	F1	mg/Kg		137	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-52764-A-5-D MSD					Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 99439												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	67.9	F1	250	409.3	F1	mg/Kg		137	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

GC VOA

Prep Batch: 98971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-98971/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 99257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Total/NA	Solid	8021B	99266
880-52771-2	S-1 (1.5')R	Total/NA	Solid	8021B	99266
880-52771-3	S-2 (0-1')	Total/NA	Solid	8021B	99266
880-52771-4	S-2 (1.5')R	Total/NA	Solid	8021B	99266
880-52771-5	S-3 (0-1')	Total/NA	Solid	8021B	99266
880-52771-6	S-3 (1.5')R	Total/NA	Solid	8021B	99266
880-52771-7	S-4 (0-1')	Total/NA	Solid	8021B	99266
880-52771-8	S-4 (1.5')R	Total/NA	Solid	8021B	99266
MB 880-99266/5-A	Method Blank	Total/NA	Solid	8021B	99266
LCS 880-99266/1-A	Lab Control Sample	Total/NA	Solid	8021B	99266
LCSD 880-99266/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99266
890-7525-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	99266
890-7525-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	99266

Analysis Batch: 99258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-9	S-5 (0-1')	Total/NA	Solid	8021B	99336
880-52771-10	S-5 (1.5')R	Total/NA	Solid	8021B	99336
880-52771-11	S-6 (0-1')	Total/NA	Solid	8021B	99336
880-52771-12	S-6 (1.5')R	Total/NA	Solid	8021B	99336
880-52771-13	S-7 (0-1')	Total/NA	Solid	8021B	99336
880-52771-14	S-7 (1.5')R	Total/NA	Solid	8021B	99336
880-52771-15	S-8 (0-1')	Total/NA	Solid	8021B	99336
880-52771-16	S-8 (1.5')R	Total/NA	Solid	8021B	99336
MB 880-98971/5-A	Method Blank	Total/NA	Solid	8021B	98971
MB 880-99336/5-A	Method Blank	Total/NA	Solid	8021B	99336
LCS 880-99336/1-A	Lab Control Sample	Total/NA	Solid	8021B	99336
LCSD 880-99336/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99336
880-52771-9 MS	S-5 (0-1')	Total/NA	Solid	8021B	99336
880-52771-9 MSD	S-5 (0-1')	Total/NA	Solid	8021B	99336

Prep Batch: 99266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Total/NA	Solid	5035	
880-52771-2	S-1 (1.5')R	Total/NA	Solid	5035	
880-52771-3	S-2 (0-1')	Total/NA	Solid	5035	
880-52771-4	S-2 (1.5')R	Total/NA	Solid	5035	
880-52771-5	S-3 (0-1')	Total/NA	Solid	5035	
880-52771-6	S-3 (1.5')R	Total/NA	Solid	5035	
880-52771-7	S-4 (0-1')	Total/NA	Solid	5035	
880-52771-8	S-4 (1.5')R	Total/NA	Solid	5035	
MB 880-99266/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99266/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99266/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7525-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7525-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

GC VOA

Prep Batch: 99336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-9	S-5 (0-1')	Total/NA	Solid	5035	
880-52771-10	S-5 (1.5')R	Total/NA	Solid	5035	
880-52771-11	S-6 (0-1')	Total/NA	Solid	5035	
880-52771-12	S-6 (1.5')R	Total/NA	Solid	5035	
880-52771-13	S-7 (0-1')	Total/NA	Solid	5035	
880-52771-14	S-7 (1.5')R	Total/NA	Solid	5035	
880-52771-15	S-8 (0-1')	Total/NA	Solid	5035	
880-52771-16	S-8 (1.5')R	Total/NA	Solid	5035	
MB 880-99336/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99336/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99336/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-52771-9 MS	S-5 (0-1')	Total/NA	Solid	5035	
880-52771-9 MSD	S-5 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 99394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-2	S-1 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-3	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-4	S-2 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-5	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-6	S-3 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-7	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-8	S-4 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-9	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-10	S-5 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-11	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-12	S-6 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-13	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-14	S-7 (1.5')R	Total/NA	Solid	Total BTEX	
880-52771-15	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-52771-16	S-8 (1.5')R	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 99407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-2	S-1 (1.5')R	Total/NA	Solid	8015B NM	99436
880-52771-3	S-2 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-4	S-2 (1.5')R	Total/NA	Solid	8015B NM	99436
880-52771-5	S-3 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-6	S-3 (1.5')R	Total/NA	Solid	8015B NM	99436
880-52771-7	S-4 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-8	S-4 (1.5')R	Total/NA	Solid	8015B NM	99436
880-52771-9	S-5 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-10	S-5 (1.5')R	Total/NA	Solid	8015B NM	99436
880-52771-11	S-6 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-12	S-6 (1.5')R	Total/NA	Solid	8015B NM	99436
880-52771-13	S-7 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-14	S-7 (1.5')R	Total/NA	Solid	8015B NM	99436

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

GC Semi VOA (Continued)

Analysis Batch: 99407 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-15	S-8 (0-1')	Total/NA	Solid	8015B NM	99436
880-52771-16	S-8 (1.5')R	Total/NA	Solid	8015B NM	99436
MB 880-99436/1-A	Method Blank	Total/NA	Solid	8015B NM	99436
LCS 880-99436/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99436
LCSD 880-99436/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99436
880-52813-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	99436
880-52813-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	99436

Prep Batch: 99436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-2	S-1 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-4	S-2 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-5	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-6	S-3 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-7	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-8	S-4 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-9	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-10	S-5 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-11	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-12	S-6 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-13	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-14	S-7 (1.5')R	Total/NA	Solid	8015NM Prep	
880-52771-15	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-52771-16	S-8 (1.5')R	Total/NA	Solid	8015NM Prep	
MB 880-99436/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99436/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99436/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52813-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52813-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 99553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-52771-2	S-1 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-3	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-52771-4	S-2 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-5	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-52771-6	S-3 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-7	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-52771-8	S-4 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-9	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-52771-10	S-5 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-11	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-52771-12	S-6 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-13	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-52771-14	S-7 (1.5')R	Total/NA	Solid	8015 NM	
880-52771-15	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-52771-16	S-8 (1.5')R	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

HPLC/IC

Leach Batch: 99359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-52771-2	S-1 (1.5')R	Soluble	Solid	DI Leach	
880-52771-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-52771-4	S-2 (1.5')R	Soluble	Solid	DI Leach	
880-52771-5	S-3 (0-1')	Soluble	Solid	DI Leach	
880-52771-6	S-3 (1.5')R	Soluble	Solid	DI Leach	
880-52771-7	S-4 (0-1')	Soluble	Solid	DI Leach	
MB 880-99359/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99359/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99359/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52764-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-52764-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 99437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-8	S-4 (1.5')R	Soluble	Solid	DI Leach	
880-52771-9	S-5 (0-1')	Soluble	Solid	DI Leach	
880-52771-10	S-5 (1.5')R	Soluble	Solid	DI Leach	
880-52771-11	S-6 (0-1')	Soluble	Solid	DI Leach	
880-52771-12	S-6 (1.5')R	Soluble	Solid	DI Leach	
880-52771-13	S-7 (0-1')	Soluble	Solid	DI Leach	
880-52771-14	S-7 (1.5')R	Soluble	Solid	DI Leach	
880-52771-15	S-8 (0-1')	Soluble	Solid	DI Leach	
880-52771-16	S-8 (1.5')R	Soluble	Solid	DI Leach	
MB 880-99437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52771-8 MS	S-4 (1.5')R	Soluble	Solid	DI Leach	
880-52771-8 MSD	S-4 (1.5')R	Soluble	Solid	DI Leach	

Analysis Batch: 99438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-8	S-4 (1.5')R	Soluble	Solid	300.0	99437
880-52771-9	S-5 (0-1')	Soluble	Solid	300.0	99437
880-52771-10	S-5 (1.5')R	Soluble	Solid	300.0	99437
880-52771-11	S-6 (0-1')	Soluble	Solid	300.0	99437
880-52771-12	S-6 (1.5')R	Soluble	Solid	300.0	99437
880-52771-13	S-7 (0-1')	Soluble	Solid	300.0	99437
880-52771-14	S-7 (1.5')R	Soluble	Solid	300.0	99437
880-52771-15	S-8 (0-1')	Soluble	Solid	300.0	99437
880-52771-16	S-8 (1.5')R	Soluble	Solid	300.0	99437
MB 880-99437/1-A	Method Blank	Soluble	Solid	300.0	99437
LCS 880-99437/2-A	Lab Control Sample	Soluble	Solid	300.0	99437
LCSD 880-99437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99437
880-52771-8 MS	S-4 (1.5')R	Soluble	Solid	300.0	99437
880-52771-8 MSD	S-4 (1.5')R	Soluble	Solid	300.0	99437

Analysis Batch: 99439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-1	S-1 (0-1')	Soluble	Solid	300.0	99359
880-52771-2	S-1 (1.5')R	Soluble	Solid	300.0	99359

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

HPLC/IC (Continued)

Analysis Batch: 99439 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52771-3	S-2 (0-1')	Soluble	Solid	300.0	99359
880-52771-4	S-2 (1.5')R	Soluble	Solid	300.0	99359
880-52771-5	S-3 (0-1')	Soluble	Solid	300.0	99359
880-52771-6	S-3 (1.5')R	Soluble	Solid	300.0	99359
880-52771-7	S-4 (0-1')	Soluble	Solid	300.0	99359
MB 880-99359/1-A	Method Blank	Soluble	Solid	300.0	99359
LCS 880-99359/2-A	Lab Control Sample	Soluble	Solid	300.0	99359
LCSD 880-99359/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99359
880-52764-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	99359
880-52764-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	99359

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-1 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 17:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/03/25 23:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/03/25 23:05	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:36	CH	EET MID

Client Sample ID: S-1 (1.5')R
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 18:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/03/25 23:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/03/25 23:20	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:41	CH	EET MID

Client Sample ID: S-2 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 18:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/03/25 23:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/03/25 23:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:47	CH	EET MID

Client Sample ID: S-2 (1.5')R
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 18:52	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-2 (1.5')R

Lab Sample ID: 880-52771-4

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			99553	01/03/25 23:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/03/25 23:49	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:52	CH	EET MID

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-52771-5

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 19:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 00:05	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 00:05	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:58	CH	EET MID

Client Sample ID: S-3 (1.5')R

Lab Sample ID: 880-52771-6

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 19:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 00:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 00:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 23:04	CH	EET MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-52771-7

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 19:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 19:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 00:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 00:49	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-4 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 23:09	CH	EET MID

Client Sample ID: S-4 (1.5')R
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	99266	01/02/25 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99257	01/02/25 20:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 20:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 01:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 01:05	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 01:45	CH	EET MID

Client Sample ID: S-5 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/02/25 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 22:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 01:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 01:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:02	CH	EET MID

Client Sample ID: S-5 (1.5')R
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/02/25 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 23:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 01:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 01:34	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:08	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-6 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/02/25 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/02/25 23:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 01:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 01:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:14	CH	EET MID

Client Sample ID: S-6 (1.5')R
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/03/25 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/03/25 00:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 02:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 02:04	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:20	CH	EET MID

Client Sample ID: S-7 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/03/25 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/03/25 00:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 02:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 02:19	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:38	CH	EET MID

Client Sample ID: S-7 (1.5')R
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52771-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/03/25 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/03/25 00:41	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Client Sample ID: S-7 (1.5')R

Lab Sample ID: 880-52771-14

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			99553	01/04/25 02:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 02:33	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:43	CH	EET MID

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-52771-15

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/03/25 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/03/25 01:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 02:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 02:48	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:49	CH	EET MID

Client Sample ID: S-8 (1.5')R

Lab Sample ID: 880-52771-16

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	99336	01/02/25 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99258	01/03/25 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99394	01/03/25 01:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99553	01/04/25 03:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99436	01/03/25 12:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99407	01/04/25 03:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	99437	01/03/25 12:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99438	01/04/25 02:56	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- 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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52771-1
SDG: Lea CO, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52771-1	S-1 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-2	S-1 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-3	S-2 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-4	S-2 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-5	S-3 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-6	S-3 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-7	S-4 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-8	S-4 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-9	S-5 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-10	S-5 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-11	S-6 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-12	S-6 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-13	S-7 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-14	S-7 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-15	S-8 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52771-16	S-8 (1.5')R	Solid	01/02/25 00:00	01/02/25 14:00

Chain of Custody



W

880-52771 Chain of Custody

Page 1 of 2

Project Manager: Ashton Thielke		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste. 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: CHEVRON LINE LEAK (08.21.2003)		Turn Around		Pres. Code	
Project Number: 2566		☒ Routine ☐ Rush			
Project Location: Lea CO, NM		Due Date: Normal			
Sampler's Name: Cade		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No	
Received Intact:		(Yes) No											
Cooler Custody Seals:		Yes No		MIA				Thermometer ID:		F.B.S.			
Sample Custody Seals:		Yes No		N/A				Correction Factor:		3.5			
Total Containers:								Temperature Reading:		3.5			
								Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes	Sample Comments
S-1 (0-1')	1/2/2025		X		G	1		X	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
S-1 (1.5')R	1/2/2025		X		G	1		X	X	X			
S-2 (0-1')	1/2/2025		X		G	1		X	X	X			
S-2 (1.5')R	1/2/2025		X		G	1		X	X	X			
S-3 (0-1')	1/2/2025		X		G	1		X	X	X			
S-3 (1.5')R	1/2/2025		X		G	1		X	X	X			
S-4 (0-1')	1/2/2025		X		G	1		X	X	X			
S-4 (1.5')R	1/2/2025		X		G	1		X	X	X			
S-5 (0-1')	1/2/2025		X		G	1		X	X	X			
S-5 (1.5')R	1/2/2025		X		G	1		X	X	X			

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. <i>W. Moehring</i>	<i>[Signature]</i>	1/2-2-25			
3					
5					

Revised Date 05/01/2020 Rev. 2020.1

Work Order No:

Page 2 of 2

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Cele Mackenzie</i>	<i>[Signature]</i>	1-2-25			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52771-1

SDG Number: Lea CO, NM

Login Number: 52771

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 1/6/2025 11:55:05 AM

JOB DESCRIPTION

Chevron Line Leak (08.21.2003)
Lea CO, NM

JOB NUMBER

880-52764-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/6/2025 11:55:05 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Laboratory Job ID: 880-52764-1
SDG: Lea CO, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	17
Lab Chronicle	20
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1

Job ID: 880-52764-1

Eurofins Midland

Job Narrative
880-52764-1

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 1/2/2025 2:00 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 3.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-1') (880-52764-1), H-2 (0-1') (880-52764-2), H-3 (0-1') (880-52764-3), H-4 (0-1') (880-52764-4), H-5 (0-1') (880-52764-5), H-6 (0-1') (880-52764-6) and H-7 (0-1') (880-52764-7).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-99454 and analytical batch 880-99405 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-3 (0-1') (880-52764-3) and H-4 (0-1') (880-52764-4). Evidence of matrix interferences is not obvious.

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-99359 and analytical batch 880-99439 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-1 (0-1')

Lab Sample ID: 880-52764-1

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/02/25 14:46	01/02/25 17:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/02/25 14:46	01/02/25 17:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/02/25 14:46	01/02/25 17:14	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/02/25 14:46	01/02/25 17:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/02/25 14:46	01/02/25 17:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/02/25 14:46	01/02/25 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/02/25 14:46	01/02/25 17:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/02/25 14:46	01/02/25 17:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/02/25 17:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/04/25 00:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/03/25 16:47	01/04/25 00:19	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/03/25 16:47	01/04/25 00:19	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/03/25 16:47	01/04/25 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	01/03/25 16:47	01/04/25 00:19	1
o-Terphenyl	77		70 - 130	01/03/25 16:47	01/04/25 00:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.9		10.1		mg/Kg			01/03/25 21:33	1

Client Sample ID: H-2 (0-1')

Lab Sample ID: 880-52764-2

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 17:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/02/25 14:46	01/02/25 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 17:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/02/25 14:46	01/02/25 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/02/25 14:46	01/02/25 17:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/02/25 14:46	01/02/25 17:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-2 (0-1')

Lab Sample ID: 880-52764-2

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/02/25 17:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/04/25 00:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/03/25 16:47	01/04/25 00:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/03/25 16:47	01/04/25 00:49	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/03/25 16:47	01/04/25 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/03/25 16:47	01/04/25 00:49	1
o-Terphenyl	74		70 - 130				01/03/25 16:47	01/04/25 00:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.1		10.1		mg/Kg			01/03/25 21:39	1

Client Sample ID: H-3 (0-1')

Lab Sample ID: 880-52764-3

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 14:46	01/02/25 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 14:46	01/02/25 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/02/25 14:46	01/02/25 17:55	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/02/25 14:46	01/02/25 17:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 17:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/04/25 01:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/03/25 16:47	01/04/25 01:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/03/25 16:47	01/04/25 01:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-3 (0-1')

Lab Sample ID: 880-52764-3

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/03/25 16:47	01/04/25 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/03/25 16:47	01/04/25 01:05	1
o-Terphenyl	69	S1-	70 - 130				01/03/25 16:47	01/04/25 01:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.4		10.0		mg/Kg			01/03/25 21:44	1

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-52764-4

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 18:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/02/25 14:46	01/02/25 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/02/25 14:46	01/02/25 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/02/25 14:46	01/02/25 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/02/25 14:46	01/02/25 18:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/02/25 14:46	01/02/25 18:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/02/25 18:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/04/25 01:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/03/25 16:47	01/04/25 01:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/03/25 16:47	01/04/25 01:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/03/25 16:47	01/04/25 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				01/03/25 16:47	01/04/25 01:19	1
o-Terphenyl	68	S1-	70 - 130				01/03/25 16:47	01/04/25 01:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.0		9.96		mg/Kg			01/03/25 21:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-5 (0-1')

Lab Sample ID: 880-52764-5

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 18:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 18:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 18:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/02/25 14:46	01/02/25 18:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 18:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/02/25 14:46	01/02/25 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/02/25 14:46	01/02/25 18:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/02/25 14:46	01/02/25 18:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/02/25 18:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			01/04/25 01:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/03/25 16:47	01/04/25 01:34	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/03/25 16:47	01/04/25 01:34	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/03/25 16:47	01/04/25 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	01/03/25 16:47	01/04/25 01:34	1
o-Terphenyl	72		70 - 130	01/03/25 16:47	01/04/25 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.9	F1	10.0		mg/Kg			01/03/25 21:56	1

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-52764-6

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:46	01/02/25 18:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:46	01/02/25 18:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:46	01/02/25 18:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/02/25 14:46	01/02/25 18:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/02/25 14:46	01/02/25 18:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/02/25 14:46	01/02/25 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/02/25 14:46	01/02/25 18:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/02/25 14:46	01/02/25 18:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-52764-6

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/02/25 18:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/04/25 01:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		01/03/25 16:47	01/04/25 01:50	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/03/25 16:47	01/04/25 01:50	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/03/25 16:47	01/04/25 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				01/03/25 16:47	01/04/25 01:50	1
o-Terphenyl	82		70 - 130				01/03/25 16:47	01/04/25 01:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.9		10.1		mg/Kg			01/03/25 22:13	1

Client Sample ID: H-7 (0-1')

Lab Sample ID: 880-52764-7

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 19:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/02/25 14:46	01/02/25 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 14:46	01/02/25 19:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/02/25 14:46	01/02/25 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				01/02/25 14:46	01/02/25 19:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/02/25 14:46	01/02/25 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/02/25 19:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			01/04/25 02:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/03/25 16:47	01/04/25 02:04	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		01/03/25 16:47	01/04/25 02:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-7 (0-1')
Date Collected: 01/02/25 00:00
Date Received: 01/02/25 14:00

Lab Sample ID: 880-52764-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/03/25 16:47	01/04/25 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/03/25 16:47	01/04/25 02:04	1
o-Terphenyl	79		70 - 130				01/03/25 16:47	01/04/25 02:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.4		10.0		mg/Kg			01/03/25 22:18	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-52764-1	H-1 (0-1')	108	100
880-52764-2	H-2 (0-1')	105	97
880-52764-3	H-3 (0-1')	108	100
880-52764-4	H-4 (0-1')	107	98
880-52764-5	H-5 (0-1')	103	98
880-52764-6	H-6 (0-1')	107	100
880-52764-7	H-7 (0-1')	106	98
890-7526-A-1-A MS	Matrix Spike	99	99
890-7526-A-1-B MSD	Matrix Spike Duplicate	106	103
LCS 880-99268/1-A	Lab Control Sample	102	100
LCSD 880-99268/2-A	Lab Control Sample Dup	98	99
MB 880-99268/5-A	Method Blank	105	96
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-52764-1	H-1 (0-1')	80	77
880-52764-2	H-2 (0-1')	77	74
880-52764-3	H-3 (0-1')	70	69 S1-
880-52764-4	H-4 (0-1')	70	68 S1-
880-52764-5	H-5 (0-1')	74	72
880-52764-6	H-6 (0-1')	85	82
880-52764-7	H-7 (0-1')	82	79
880-52819-A-1-C MS	Matrix Spike	85	88
880-52819-A-1-D MSD	Matrix Spike Duplicate	85	89
LCS 880-99454/2-A	Lab Control Sample	128	119
LCSD 880-99454/3-A	Lab Control Sample Dup	125	118
MB 880-99454/1-A	Method Blank	93	93
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-99268/5-A

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/02/25 09:00	01/02/25 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/02/25 09:00	01/02/25 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/02/25 09:00	01/02/25 11:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/02/25 09:00	01/02/25 11:24	1

Lab Sample ID: LCS 880-99268/1-A

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08217		mg/Kg		82	70 - 130
Toluene	0.100	0.08240		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.07852		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1664		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08377		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-99268/2-A

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	24	35
Toluene	0.100	0.1061		mg/Kg		106	70 - 130	25	35
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130	25	35
m-Xylene & p-Xylene	0.200	0.2129		mg/Kg		106	70 - 130	25	35
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130	23	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7526-A-1-A MS

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.09940		mg/Kg		100	70 - 130
Toluene	<0.00201	U	0.0998	0.09992		mg/Kg		100	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7526-A-1-A MS

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.09176		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1912		mg/Kg		96	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09411		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-7526-A-1-B MSD

Matrix: Solid

Analysis Batch: 99256

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 99268

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1006		mg/Kg		102	70 - 130	1	35
Toluene	<0.00201	U	0.0990	0.09872		mg/Kg		100	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0990	0.09011		mg/Kg		91	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1913		mg/Kg		97	70 - 130	0	35
o-Xylene	<0.00201	U	0.0990	0.09158		mg/Kg		92	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-99454/1-A

Matrix: Solid

Analysis Batch: 99405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 99454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/03/25 16:46	01/03/25 20:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/03/25 16:46	01/03/25 20:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/03/25 16:46	01/03/25 20:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	01/03/25 16:46	01/03/25 20:50	1
o-Terphenyl	93		70 - 130	01/03/25 16:46	01/03/25 20:50	1

Lab Sample ID: LCS 880-99454/2-A

Matrix: Solid

Analysis Batch: 99405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99454

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1136		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1170		mg/Kg		117	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-99454/2-A

Matrix: Solid

Analysis Batch: 99405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 99454

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: LCSD 880-99454/3-A

Matrix: Solid

Analysis Batch: 99405

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 99454

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1145		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1149		mg/Kg		115	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 880-52819-A-1-C MS

Matrix: Solid

Analysis Batch: 99405

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 99454

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	869.8		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	629	F1	1010	1194	F1	mg/Kg		56	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-52819-A-1-D MSD

Matrix: Solid

Analysis Batch: 99405

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 99454

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	863.5		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	629	F1	1010	1245	F1	mg/Kg		61	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	89		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-99359/1-A

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/03/25 20:19	1

Lab Sample ID: LCS 880-99359/2-A

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.8		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-99359/3-A

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	263.5		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-52764-5 MS

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: H-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	67.9	F1	250	409.2	F1	mg/Kg		137	90 - 110

Lab Sample ID: 880-52764-5 MSD

Matrix: Solid

Analysis Batch: 99439

Client Sample ID: H-5 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	67.9	F1	250	409.3	F1	mg/Kg		137	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

GC VOA

Analysis Batch: 99256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Total/NA	Solid	8021B	99268
880-52764-2	H-2 (0-1')	Total/NA	Solid	8021B	99268
880-52764-3	H-3 (0-1')	Total/NA	Solid	8021B	99268
880-52764-4	H-4 (0-1')	Total/NA	Solid	8021B	99268
880-52764-5	H-5 (0-1')	Total/NA	Solid	8021B	99268
880-52764-6	H-6 (0-1')	Total/NA	Solid	8021B	99268
880-52764-7	H-7 (0-1')	Total/NA	Solid	8021B	99268
MB 880-99268/5-A	Method Blank	Total/NA	Solid	8021B	99268
LCS 880-99268/1-A	Lab Control Sample	Total/NA	Solid	8021B	99268
LCSD 880-99268/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	99268
890-7526-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	99268
890-7526-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	99268

Prep Batch: 99268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Total/NA	Solid	5035	
880-52764-2	H-2 (0-1')	Total/NA	Solid	5035	
880-52764-3	H-3 (0-1')	Total/NA	Solid	5035	
880-52764-4	H-4 (0-1')	Total/NA	Solid	5035	
880-52764-5	H-5 (0-1')	Total/NA	Solid	5035	
880-52764-6	H-6 (0-1')	Total/NA	Solid	5035	
880-52764-7	H-7 (0-1')	Total/NA	Solid	5035	
MB 880-99268/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-99268/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-99268/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7526-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7526-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 99395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-52764-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	
880-52764-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-52764-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-52764-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	
880-52764-6	H-6 (0-1')	Total/NA	Solid	Total BTEX	
880-52764-7	H-7 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 99405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Total/NA	Solid	8015B NM	99454
880-52764-2	H-2 (0-1')	Total/NA	Solid	8015B NM	99454
880-52764-3	H-3 (0-1')	Total/NA	Solid	8015B NM	99454
880-52764-4	H-4 (0-1')	Total/NA	Solid	8015B NM	99454
880-52764-5	H-5 (0-1')	Total/NA	Solid	8015B NM	99454
880-52764-6	H-6 (0-1')	Total/NA	Solid	8015B NM	99454
880-52764-7	H-7 (0-1')	Total/NA	Solid	8015B NM	99454
MB 880-99454/1-A	Method Blank	Total/NA	Solid	8015B NM	99454
LCS 880-99454/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	99454

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

GC Semi VOA (Continued)

Analysis Batch: 99405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-99454/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	99454
880-52819-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	99454
880-52819-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	99454

Prep Batch: 99454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-52764-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-52764-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-52764-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-52764-5	H-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-52764-6	H-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-52764-7	H-7 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-99454/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-99454/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-99454/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52819-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52819-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 99549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-52764-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-52764-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-52764-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-52764-5	H-5 (0-1')	Total/NA	Solid	8015 NM	
880-52764-6	H-6 (0-1')	Total/NA	Solid	8015 NM	
880-52764-7	H-7 (0-1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 99359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-52764-2	H-2 (0-1')	Soluble	Solid	DI Leach	
880-52764-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-52764-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-52764-5	H-5 (0-1')	Soluble	Solid	DI Leach	
880-52764-6	H-6 (0-1')	Soluble	Solid	DI Leach	
880-52764-7	H-7 (0-1')	Soluble	Solid	DI Leach	
MB 880-99359/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-99359/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-99359/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-52764-5 MS	H-5 (0-1')	Soluble	Solid	DI Leach	
880-52764-5 MSD	H-5 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 99439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-1	H-1 (0-1')	Soluble	Solid	300.0	99359
880-52764-2	H-2 (0-1')	Soluble	Solid	300.0	99359
880-52764-3	H-3 (0-1')	Soluble	Solid	300.0	99359

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

HPLC/IC (Continued)

Analysis Batch: 99439 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52764-4	H-4 (0-1')	Soluble	Solid	300.0	99359
880-52764-5	H-5 (0-1')	Soluble	Solid	300.0	99359
880-52764-6	H-6 (0-1')	Soluble	Solid	300.0	99359
880-52764-7	H-7 (0-1')	Soluble	Solid	300.0	99359
MB 880-99359/1-A	Method Blank	Soluble	Solid	300.0	99359
LCS 880-99359/2-A	Lab Control Sample	Soluble	Solid	300.0	99359
LCSD 880-99359/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	99359
880-52764-5 MS	H-5 (0-1')	Soluble	Solid	300.0	99359
880-52764-5 MSD	H-5 (0-1')	Soluble	Solid	300.0	99359

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-1 (0-1')

Lab Sample ID: 880-52764-1

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 17:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99549	01/04/25 00:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 00:19	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 21:33	CH	EET MID

Client Sample ID: H-2 (0-1')

Lab Sample ID: 880-52764-2

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 17:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99549	01/04/25 00:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 00:49	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 21:39	CH	EET MID

Client Sample ID: H-3 (0-1')

Lab Sample ID: 880-52764-3

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 17:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99549	01/04/25 01:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 01:05	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 21:44	CH	EET MID

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-52764-4

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 18:15	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-4 (0-1')

Lab Sample ID: 880-52764-4

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			99549	01/04/25 01:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 01:19	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 21:50	CH	EET MID

Client Sample ID: H-5 (0-1')

Lab Sample ID: 880-52764-5

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 18:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99549	01/04/25 01:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 01:34	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 21:56	CH	EET MID

Client Sample ID: H-6 (0-1')

Lab Sample ID: 880-52764-6

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 18:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99549	01/04/25 01:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 01:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:13	CH	EET MID

Client Sample ID: H-7 (0-1')

Lab Sample ID: 880-52764-7

Date Collected: 01/02/25 00:00

Matrix: Solid

Date Received: 01/02/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	99268	01/02/25 14:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	99256	01/02/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			99395	01/02/25 19:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			99549	01/04/25 02:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	99454	01/03/25 16:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	99405	01/04/25 02:04	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Client Sample ID: H-7 (0-1')

Date Collected: 01/02/25 00:00

Date Received: 01/02/25 14:00

Lab Sample ID: 880-52764-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	99359	01/02/25 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	99439	01/03/25 22:18	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- 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 MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Chevron Line Leak (08.21.2003)

Job ID: 880-52764-1
SDG: Lea CO, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52764-1	H-1 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52764-2	H-2 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52764-3	H-3 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52764-4	H-4 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52764-5	H-5 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52764-6	H-6 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00
880-52764-7	H-7 (0-1')	Solid	01/02/25 00:00	01/02/25 14:00

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

Chain of Custody



V

880-52764 Chain of Custody

Page 1 of 1

Project Manager: Ashton Thielke		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 West Wall Ste. 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-8988		Email: ThielkeA@Carmonaresources.com			

Project Name: CHEVRON LINE LEAK (08.21.2003)		Turn Around		Pres. Code	
Project Number: 2566		☒ Routine ☐ Rush			
Project Location: Lea CO, NM		Due Date: Normal			
Sampler's Name: Cade		TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

ANALYSIS REQUEST										Preservative Codes	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0		
H-1 (0-1')	1/2/2025		X		G	1		X	X		
H-2 (0-1')	1/2/2025		X		G	1		X	X		
H-3 (0-1')	1/2/2025		X		G	1		X	X		
H-4 (0-1')	1/2/2025		X		G	1		X	X		
H-5 (0-1')	1/2/2025		X		G	1		X	X		
H-6 (0-1')	1/2/2025		X		G	1		X	X		
H-7 (0-1')	1/2/2025		X		G	1		X	X		

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Cade M...</i>	<i>[Signature]</i>	1-2-2025			

Revised Date 05/01/2020 Rev. 2020 1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-52764-1

SDG Number: Lea CO, NM

Login Number: 52764

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

QUESTIONS

Action 420737

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nEEM0402149647
Incident Name	NEEM0402149647 CHEVRON LINE LEAK @ 0
Incident Type	Produced Water Release
Incident Status	Re-vegetation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	CHEVRON LINE LEAK
Date Release Discovered	08/21/2003
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 50 BBL Recovered: 35 BBL Lost: 15 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/15/2025
--	---

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

QUESTIONS, Page 3

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	115
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	08/21/2003
On what date will (or did) the final sampling or liner inspection occur	01/02/2025
On what date will (or was) the remediation complete(d)	08/21/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 4

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Historical release. No documentation from 2003 when release occurred. Went out to the site to sample and assess the area to determine if the current conditions are compliant with current (2025) standards. Following the assessment, it was determined that no additional remediation, reclamation, or reseeding needs to take place onsite as all samples collected did not exceed 19.15.29.12/13 standards and native vegetation has taken over the entire site.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/15/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

QUESTIONS, Page 5

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	413758
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/02/2025
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	30000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	29000
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Historical release. No documentation from 2003 when release occurred. Went out to the site to sample and assess the area to determine if the current conditions are compliant with current (2025) standards. Following the assessment, it was determined that no additional remediation, reclamation, or reseeded needs to take place onsite as all samples collected did not exceed 19.15.29.12/13 standards and native vegetation has taken over the entire site.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/15/2025
--	---

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

QUESTIONS, Page 7

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	29000
What was the total volume of replacement material (in cubic yards) for this site	0
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	08/21/2003
Summarize any additional reclamation activities not included by answers (above)	Historical release. No documentation from 2003 when release occurred. Went out to the site to sample and assess the area to determine if the current conditions are compliant with current (2025) standards. Following the assessment, it was determined that no additional remediation, reclamation, or reseedling needs to take place onsite as all samples collected did not exceed 19.15.29.12/13 standards and native vegetation has taken over the entire site.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/15/2025

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

QUESTIONS, Page 8

Action 420737

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	Yes
What was the total revegetation surface area (in square feet) for this site	29000
<i>Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbed area in the first favorable growing season following closure of the site.</i>	
On what date did the reseeded commence	08/21/2003
On what date was the vegetative cover inspected	01/02/2025
What was the life form ratio compared to pre-disturbance levels	80
What was the total percent plant cover compared to pre-disturbance levels	80
Summarize any additional revegetation activities not included by answers (above)	Historical release. No documentation from 2003 when release occurred. Went out to the site to sample and assess the area to determine if the current conditions are compliant with current (2025) standards. Following the assessment, it was determined that no additional remediation, reclamation, or reseeded needs to take place onsite as all samples collected did not exceed 19.15.29.12/13 standards and native vegetation has taken over the entire site.
<i>The responsible party must attach information demonstrating they have complied with all applicable re-vegetation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/15/2025
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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 420737

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 420737
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	The revegetation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	3/4/2025
amaxwell	For future reports of historical releases, please submit a variance request for 19.15.29.12 NMAC to replace confirmation sampling, five-point composite every 200 sq feet, with 19.15.29.11 NMAC delineation sample results. This request will need to be approved prior to any sampling conducted.	3/4/2025