CARMONA RESOURCES

SITE INFORMATION

Remediation & Reclamation Closure Report
Lea Unit #008
Lea County, New Mexico
Unit B, Sec 12, T20S, R34E
32.59247°, -103.51174°

Prepared for:
Coterra Energy Operating Co.
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

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

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Crude Oil Release
Incident ID: nOY1826757876
Point of Release: Equipment Failure - Tank
Release Date: 09.20.2018
Volume Released: 80 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

Produced Water Release
Incident ID: nRM1927332784
Point of Release: Equipment Failure – Flow Line
Release Date: 07.02.2019
Volume Released: 196 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

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May 23, 2026

New Mexico Oil Conservation District
1220 South St, France Drive
Santa Fe, NM 87505

Re: **Remediation & Reclamation Closure Report**
Lea Unit #008
Incident ID: nOY1826757876 & nRM1927332784
Coterra Energy Operating Co.
Site Location: Unit B, S12, T20S, 344E
32.59247°, -103.51174°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra, formerly known as Avant Operating, LLC), Carmona Resources LLC, has prepared this letter to document the site remediation and reclamation activities conducted at the Lea Unit #008, located at 32.59247°, -103.51174° within Unit B, S12, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

nOY1826757876

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 20, 2018, due to the tank battery overflowing caused by a malfunction on the injection well. The incident resulted in the release of approximately eighty (80) barrels of crude oil, with zero (0) barrels of crude oil recovered. The release area is approximately 21,157 sqft. The spill boundary is shown in blue on Figure 3A. The Notification of Release form is attached in Appendix C.

nRM1927332784

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 2, 2019, due to a high-pressure hose failure. The incident resulted in the release of approximately one hundred ninety-six (196) barrels of produced water, with zero (0) barrels of produced water recovered. The release area is approximately 12,868 sqft. The spill boundary is shown in pink on Figure 3A. 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, there are no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.44 miles West of the site in S12, T20S, 34E (32.592222°, -103.519306°) and was drilled in 2025. The GWDB was drilled to 105 feet below ground surface (ft bgs) and did not have evidence of groundwater after 72 hours. A copy of the associated well log and plugging record is attached in Appendix D.

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3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Previous Site Remediation Activities

nOY1826757876

Section 4.0 below references a previously deferral report and can be found in Appendix F

On April 24, 2019, a deferral report was submitted to the NMOCD by a third-party contractor. The deferral report can be found in Appendix F, but below is a summary of the remediation actions onsite and actions leading toward deferral:

"Between January 16, 2019 and March 20, 2019, Superior Oilfield Services (SOS), under supervision from LAI, used a backhoe to excavate soil from DP-2, DP-3, DP-4, DP-6, DP-7, DP-8, DP-9, and DP-12. Remediation began by removing the upper 6 inches of caliche from the spill area on the pad and pasture south of the pad. SOS excavated soil from the following areas and depths:

DP-2, 11 feet, 17 x 20 feet (340 square feet)

DP-3, 4 feet, 15 x 20 feet (300 square feet)

DP-4, 1.5 feet 11 x 13 feet (143 square feet)

DP-6, 2 feet, 20 x 40 feet (800 square feet)

DP-7, 2 feet, 8 x 28 feet (224 square feet)

DP-8, 10 feet, 16 x 16 feet (256 square feet)

DP-9, 3 feet, 15 x 20 feet (300 square feet)

DP-12, 7 feet, 16 x 16 feet (256 square feet)

Due to the proximity of excavations, encompassing DP-6 (north side) and DP-7 (north side and south side), to production equipment, Legacy (Previous Operator) *is requesting a deferral to complete the remediation in these areas until abandonment or removal of the tanks, pumps, and electric lines for 1RP-5201. Legacy backfilled excavations on the well pad (DP-3, DP-4, DP-6, DP-7 and DP-9) with clean caliche and in the pasture (DP-2, DP-8, and DP-12) area with clean sand and seeded the areas with BLM Mix #3."*

nRM1927332784

No documented assessment or remediation activities were found pertaining to this incident. A spill outline was found on the NMOCD incident page. Documentation can be found in Appendix C.

No further action was documented as having been conducted at this site. On April 2, 2024, Avant Operating LLC (Avant) acquired the site from Legacy Reserves Operating LP (Legacy), and on October 16, 2025, Coterra acquired the site from Avant. Carmona Resources LLC was contracted to work on this spill incident toward closure.

5.0 Additional Site Assessment Activities

Additional Site Assessment

On February 9, 2026, Carmona Resources personnel performed site assessment activities via a hand auger to re-evaluate soil impacts stemming from the release. Ten (10) soil samples (S-1 through S-10) and nine (9) horizontal soil samples (H-1 through H-9) were advanced to depths ranging from surface to 13 ft bgs inside and surrounding both release areas. Utilizing information found from the NMOCD incident page for each of the incidents, soil samples were installed to delineate both incidents at the same time.

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The following sample points correspond to previous sample locations found in the nOY1826757876 deferral report, in Appendix F:

- S-1 corresponds to the area of DP-2.
- S-2 corresponds to the area of DP-6.
- S-3 corresponds to the area of DP-7.
- S-4 corresponds to the areas of DP-4 & DP-3.
- S-5 corresponds to the area related to nRM1927332784.
- S-6 corresponds to the area related to nRM1927332784.
- S-7 corresponds to the area related to nRM1927332784 and east side of DP-6.
- S-8 corresponds to the area of DP-8.
- S-9 corresponds to the area of DP-12.
- S-10 corresponds to the area related to nRM1927332784.

See Figure 3 for the sample locations. 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 Laboratories 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.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

6.0 Remediation Activities

Beginning of April 16, 2026, Carmona Resources personnel were onsite to mark out the excavation area and to begin collecting confirmation samples the following day, April 17, 2026. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on April 10, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to depths between 1.5 and 7.5 ft bgs. A total of seventy-five (75) confirmation floor samples (CS-1 through CS-75) and thirty-three (33) confirmation sidewall samples (SW-1 through SW-33) were collected every 200 square feet to ensure the proper removal of the contaminated soil. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas, in accordance with established chain-of-custody protocols All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chlorides. Refer to Table 1. The excavation depths and confirmation sample locations are shown in Figure 3.

Approximately 13,250 square feet of contamination were remediated, resulting in approximately 2,450 cubic yards of material being excavated and transported off site for proper disposal. A composite sample of the backfill material was collected for laboratory analysis on April 21, 2026, before being utilized. The backfill material was sourced from the Smith Ranch pit at 32.628757° -103.611577°. Refer to Table 2.

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7.0 Reclamation Activities

Beginning on April 29, 2026, H&R Enterprises' personnel were onsite to backfill the excavated areas and begin reclamation activities. During the backfill process, the location was contoured to match the surrounding topography. Windrows and hummocks were constructed to promote soil stability and aid in re-vegetation. A fence was erected at the entrance of the reclaimed location to eliminate vehicle traffic from entering and disturbing the site. On May 20, 2026, the entire area was reseeded with BLM #2 LPC seed mix via a tractor pulled seed drill. The estimated reclamation area is approximately 175,362 square feet. Semi-annual inspections (at a minimum) will take place at the location until the native vegetation has been properly established. The site conditions must reflect that the total percentage of plant cover is greater than 70 percent pre-disturbance levels, excluding invasive or noxious weeds. If noxious weeds are identified, the weeds will be promptly eradicated. If the site does not display signs of revegetation after one growing season, the area will be reseeded. See Figure 5 for the reclamation area.

8.0 Conclusion

Based on the assessment and analytical data from the remediation of both incidents, no further actions are required at the site. Coterra formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

Ashton Thielke
Director of Operations

Gilbert Priego
Project Manager

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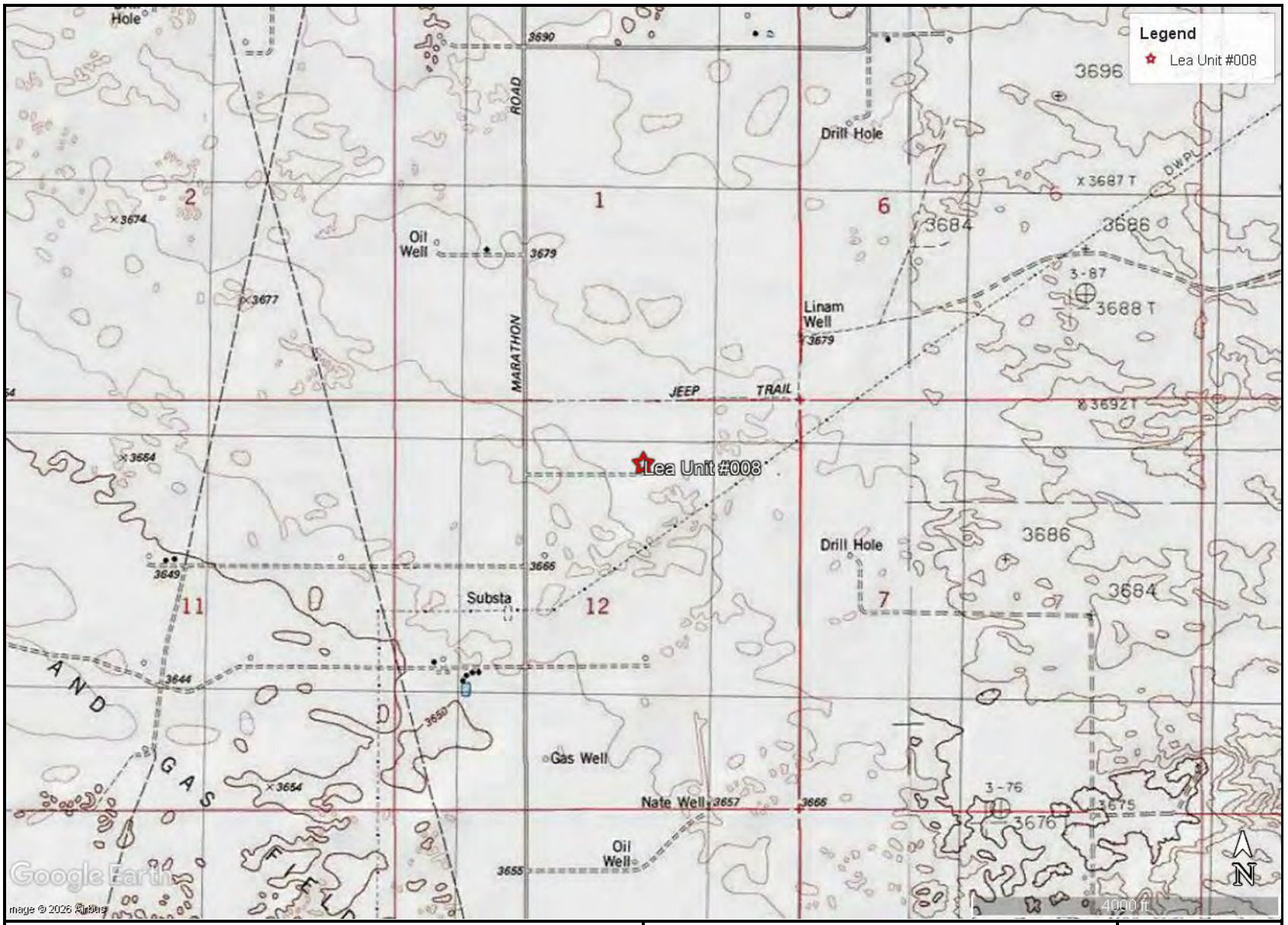
FIGURES

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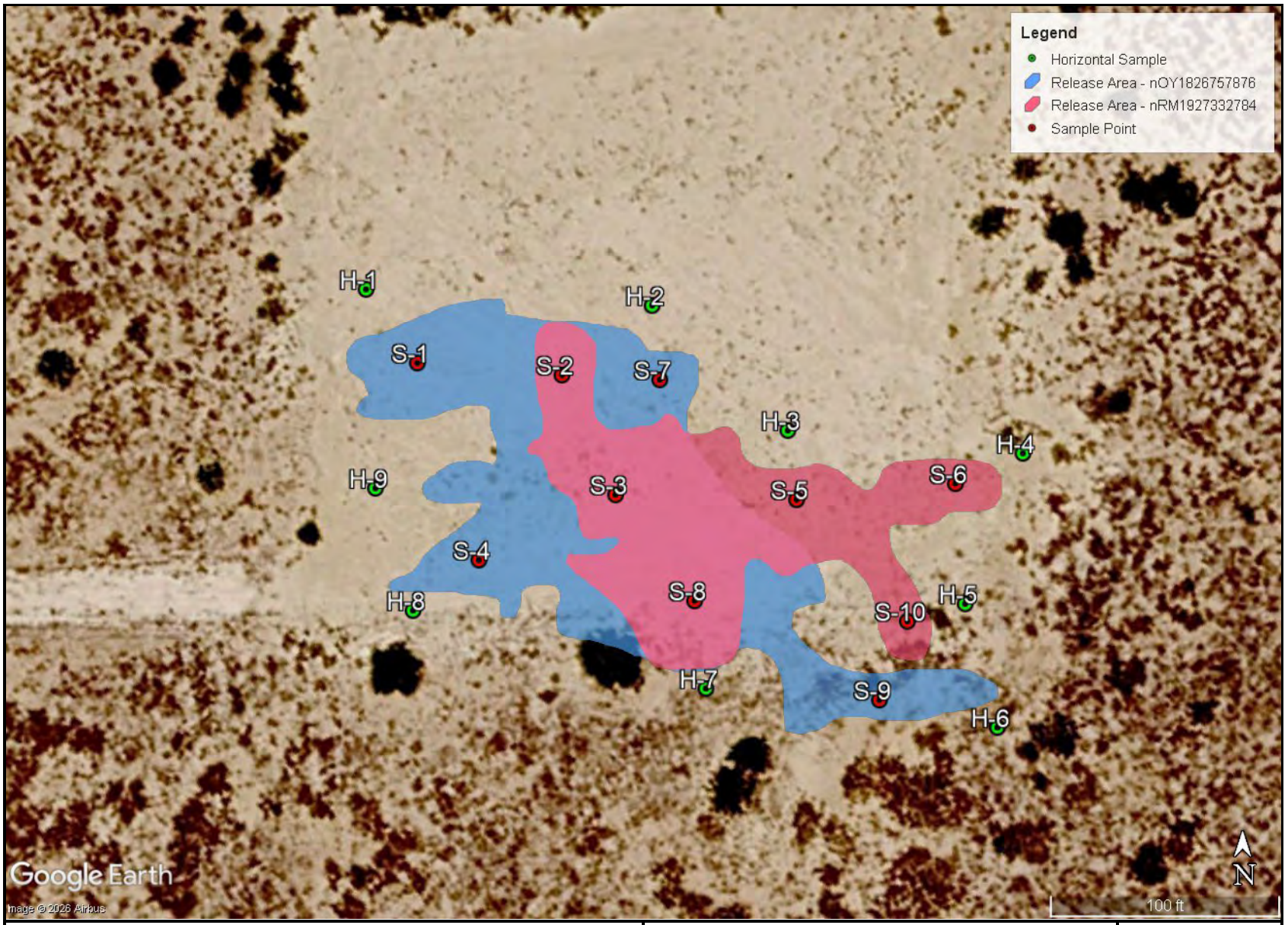




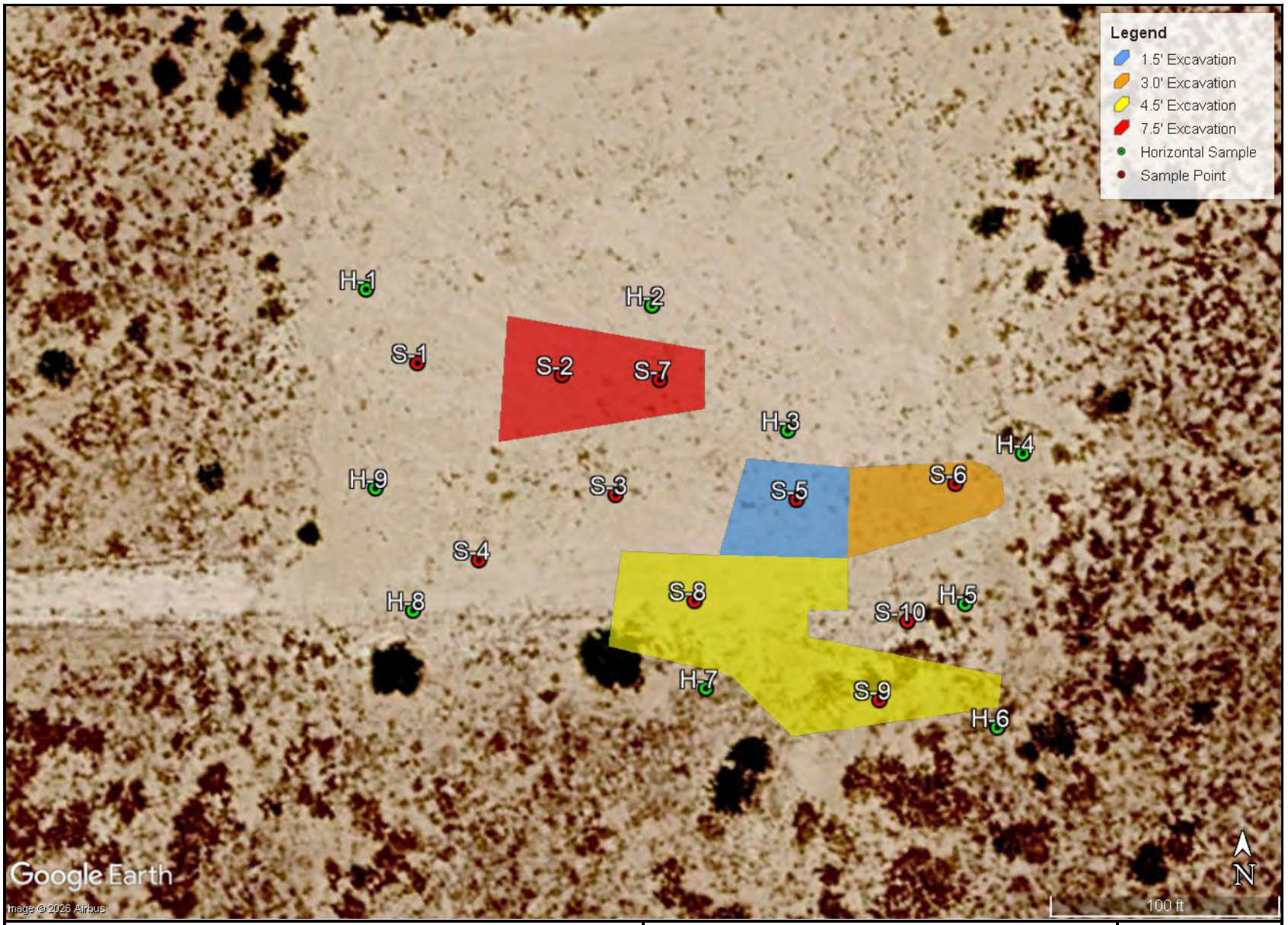
OVERVIEW MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 1



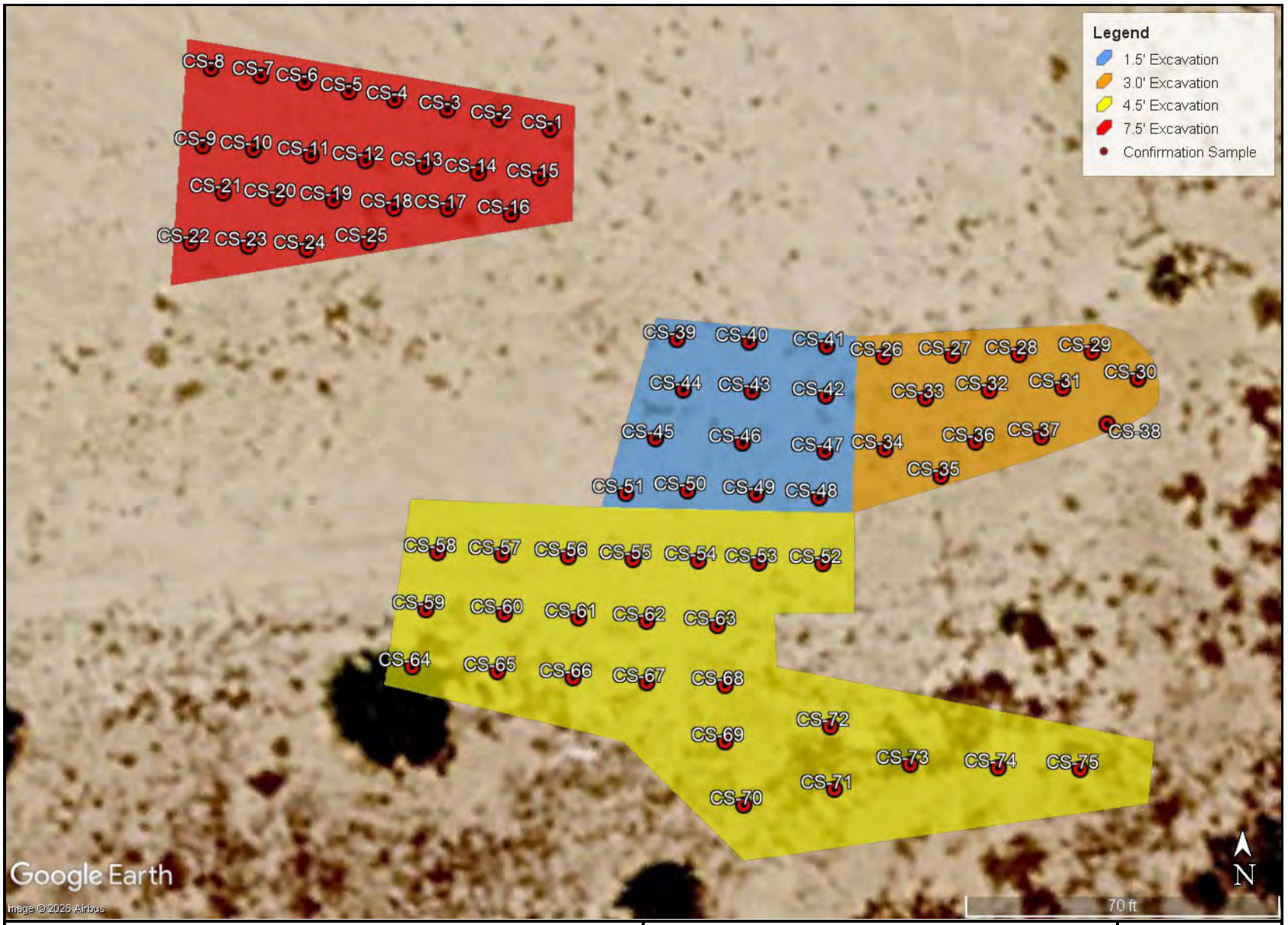
TOPOGRAPHIC MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 2



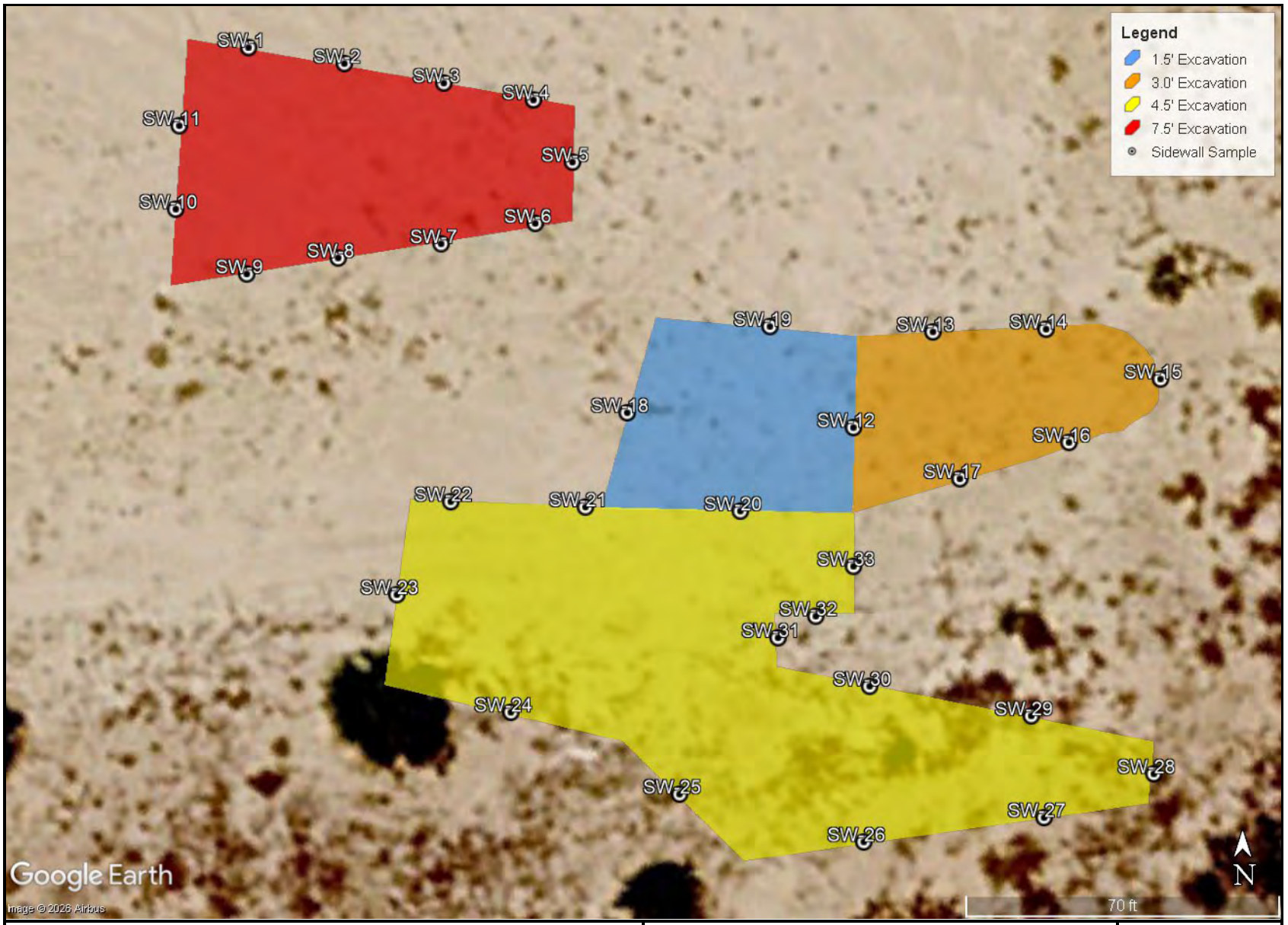
SAMPLE LOCATION MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 3



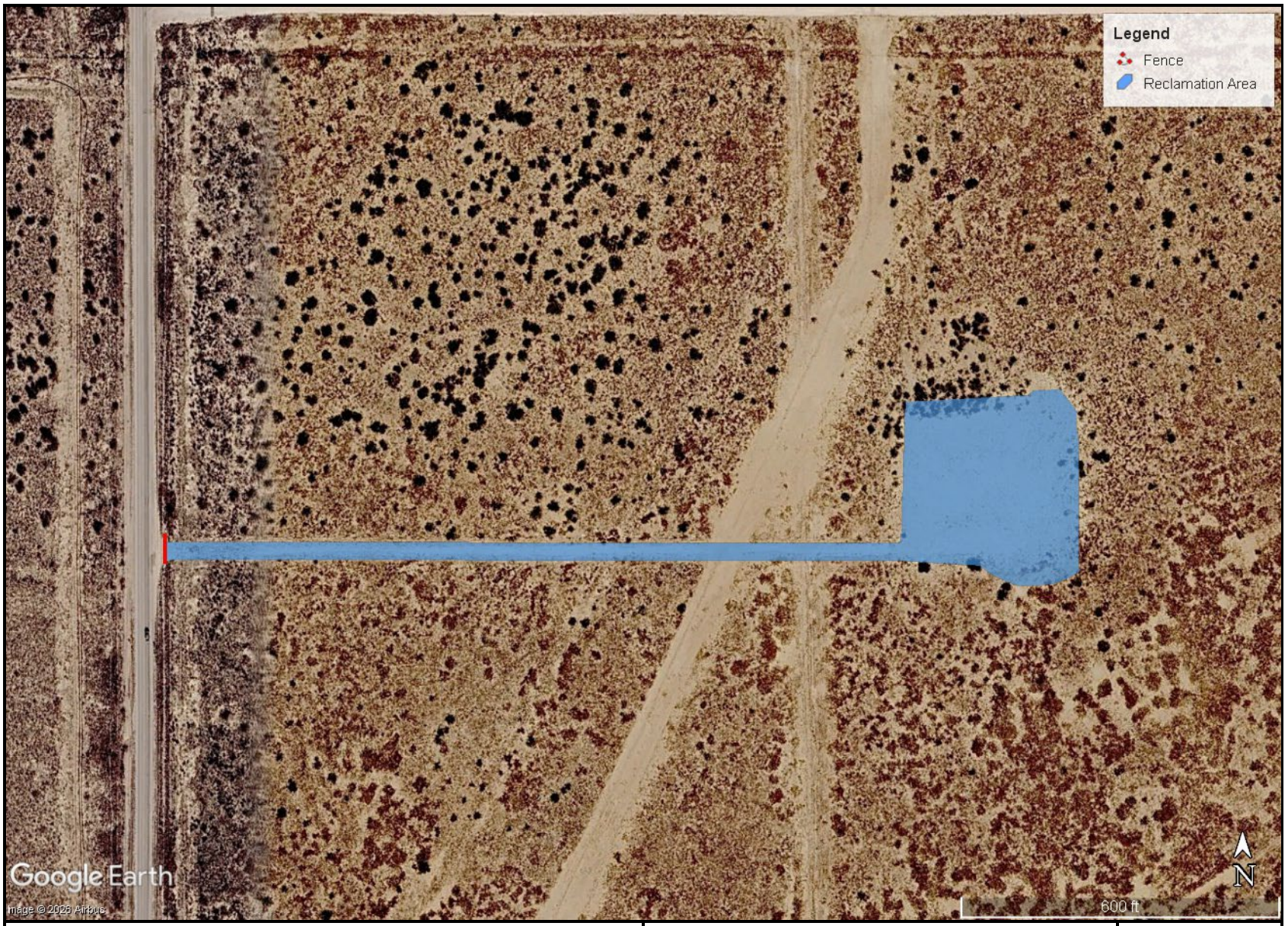
EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 4A



EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 4B



EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 4C



RECLAMATION MAP COTERRA ENERGY OPERATING CO. LEA UNIT #008 LEA COUNTY, NEW MEXICO 32.5927162°, -103.511673°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

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Table 1
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/9/2026	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	36.8
	"	2'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	23.6
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	19.0
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.1
	"	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	16.0
S-2	2/9/2026	0-1'	<50.3	**1,070**	**133**	**1,200**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
	"	2'	<49.9	**2,520**	**275**	**2,800**	<0.00201	<0.00201	0.00210	0.00767	0.00977	<9.94
	"	3'	<49.7	**3,410**	**212**	**3,620**	<0.00202	<0.00202	<0.00202	0.00900	0.00900	<9.94
	"	4'	<251	**6,630**	**694**	**7,320**	<0.00199	<0.00199	<0.00199	0.0149	0.0149	31.0
	"	5'	<49.9	**2,830**	296	**3,130**	<0.00198	<0.00198	<0.00198	0.0210	0.0210	128
	"	6'	<49.7	**2,480**	373	**2,850**	<0.00200	<0.00200	<0.00200	0.0779	0.0779	146
	"	7'	<50.3	**3,940**	464	**4,400**	<0.00199	<0.00199	<0.00199	0.0290	0.0290	149
	"	8'	<49.6	<49.6	<49.6	<49.6	<0.00198	0.00350	0.0119	0.0701	0.0855	225
	"	9'	<50.1	54.9	<50.1	54.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	178
	"	10'	<50.0	249	<50.0	249	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	216
	"	11'	<49.9	334	<49.9	334	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	164
	"	12'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	212
	"	13'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	211
S-3	2/9/2026	0-1'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	28.7
	"	2'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	45.4
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	164
	"	4'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	394
	"	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	290
S-4	2/9/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<10.1
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	43.7
	"	4'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	48.8
	"	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	91.7
S-5	2/9/2026	0-1'	<49.9	**242**	<49.9	**242**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	22.9
	"	2'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	42.6
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	55.4
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	329
	"	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	650
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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
Removed

Table 1
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-6	2/9/2026	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	391
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**800**
	"	3'	<50.2	<50.2	<50.2	<50.2	0.00238	<0.00199	<0.00199	<0.00398	<0.00398	261
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	294
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	335
S-7	2/9/2026	0-1'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
	"	3'	<49.7	**141**	58.0	**199**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
	"	4'	<50.3	**300**	<50.3	**300**	<0.00199	<0.00199	0.0554	0.234	0.290	29.1
	"	5'	<49.8	**1,300**	143	1,440	<0.00200	<0.00200	0.00909	0.162	0.171	27.6
	"	6'	<50.0	**1,590**	167	1,760	<0.00198	<0.00198	0.00280	0.136	0.139	24.8
	"	7'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	17.7
	"	8'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.5
S-8	2/9/2026	0-1'	<49.9	**881**	**215**	**1,100**	<0.00201	0.00262	<0.00201	<0.00402	0.00520	<10.1
	"	2'	<49.6	**1,440**	**145**	**1,590**	0.00737	<0.00200	0.00646	0.00627	0.0201	<10.0
	"	3'	<50.1	**2,420**	**205**	**2,630**	<0.00199	<0.00199	0.00283	0.0167	0.0195	<9.98
	"	4'	96.9	**692**	**184**	**973**	<0.00198	0.00381	0.129	0.368	0.501	<10.0
	"	5'	<49.7	485	113	598	<0.00200	<0.00200	0.00520	0.0683	0.0735	<10.0
	"	6'	<49.9	267	<49.9	267	0.00208	0.00242	0.00553	0.0147	0.0247	16.4
	"	7'	<50.1	170	<50.1	170	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
	"	8'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
	"	9'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
	"	10'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
	"	11'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
	"	12'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
	"	13'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
S-9	2/9/2026	0-1'	<49.7	**917**	**92.9**	**1,010**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.94
	"	2'	<49.6	**547**	**154**	**701**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.98
	"	3'	<49.9	**161**	**117**	**278**	0.00241	0.00319	0.00418	0.173	0.183	<10.0
	"	4'	<49.8	**615**	96.9	**712**	<0.00201	<0.00201	0.0423	0.0908	0.133	<9.96
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.0
	"	6'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.8
	"	7'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
	"	8'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
	"	9'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
	"	10'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
	"	12'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
	"	13'	<49.9	<49.9	<49.9	<49.9	0.00312	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
S-10	2/9/2026	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	0.00272	0.0195	0.0223	376
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	112
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	154
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	123
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.4
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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
Removed

Table 1
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	2/9/2026	0-0.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	0.00228	<0.00200	<0.00399	<0.00399	<10.0
H-2	2/9/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.8
H-3	2/9/2026	0-0.5'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
H-4	2/9/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
H-5	2/9/2026	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.1
H-6	2/9/2026	0-0.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-7	2/9/2026	0-0.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.96
H-8	2/9/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.8
H-9	2/9/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
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
(H) - Horizontal Sample

Table 2
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	4/17/2026	7.5'	<49.8	290	<49.8	290	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.6
CS-2	4/17/2026	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	84.3
CS-3	4/17/2026	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	11.8
CS-4	4/17/2026	7.5'	<49.9	82.7	<49.9	82.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	132
CS-5	4/17/2026	7.5'	<50.0	137	<50.0	137	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	26.9
CS-6	4/17/2026	7.5'	<49.9	144	<49.9	144	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-7	4/17/2026	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.5
CS-8	4/17/2026	7.5'	<49.9	176	<49.9	176	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	29.6
CS-9	4/17/2026	7.5'	<49.9	248	<49.9	248	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.5
CS-10	4/17/2026	7.5'	<50.0	299	<50.0	299	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
CS-11	4/17/2026	7.5'	<49.8	195	<49.8	195	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	47.7
CS-12	4/17/2026	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.90
CS-13	4/17/2026	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	97.2
CS-14	4/17/2026	7.5'	<49.8	248	<49.8	248	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	48.2
CS-15	4/17/2026	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.2
CS-16	4/17/2026	7.5'	<50.0	120	<50.0	120	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	129
CS-17	4/17/2026	7.5'	<49.9	254	93.7	348	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19.2
CS-18	4/17/2026	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-19	4/17/2026	7.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
CS-20	4/17/2026	7.5'	<49.9	281	<49.9	281	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	49.7
CS-21	4/17/2026	7.5'	<49.9	258	57.7	316	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	69.8
CS-22	4/17/2026	7.5'	<50.0	138	<50.0	138	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	48.3
CS-23	4/17/2026	7.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.8
CS-24	4/17/2026	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	94.0
CS-25	4/17/2026	7.5'	<50.0	268	71.9	340	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.8
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample Point

Table 2
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	4/21/2026	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	21.1
CS-27	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
CS-28	4/21/2026	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	28.9
CS-29	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	58.7
CS-30	4/21/2026	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	36.8
CS-31	4/21/2026	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.1
CS-32	4/21/2026	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	383
CS-33	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	23.0
CS-34	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
CS-35	4/21/2026	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	55.5
CS-36	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	32.3
CS-37	4/21/2026	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.4
CS-38	4/21/2026	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	563
CS-39	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	31.7
CS-40	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
CS-41	4/21/2026	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	66.3
CS-42	4/21/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.7
CS-43	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	38.5
CS-44	4/21/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	529
CS-45	4/21/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	37.1
CS-46	4/21/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
CS-47	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	71.9
CS-48	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	44.1
CS-49	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	61.5
CS-50	4/21/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**636**
	4/23/2026	1.75'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample Point
Removed

Table 2
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-51	4/21/2026	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	45.5
CS-52	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	56.2
CS-53	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	523
CS-54	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.9
CS-55	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.94
CS-56	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	61.1
CS-57	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	36.7
CS-58	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	60.1
CS-59	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	387
CS-60	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	43.5
CS-61	4/21/2026	4.5'	<49.9	51.8	<49.9	51.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
CS-62	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	52.5
CS-63	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	40.3
CS-64	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	43.0
CS-65	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	462
CS-66	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.9
CS-67	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
CS-68	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.1
CS-69	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	41.7
CS-70	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	52.2
CS-71	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	507
CS-72	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	32.2
CS-73	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
CS-74	4/21/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	53.0
CS-75	4/21/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	40.6
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample Point

Table 2
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	4/17/2026	7.5'	<50.0	89.2	<50.0	89.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.6
SW-2	4/17/2026	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
SW-3	4/17/2026	7.5'	<49.9	**121**	<49.9	**121**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	49.3
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	4/17/2026	7.5'	<50.0	64.6	<50.0	64.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	53.2
SW-5	4/17/2026	7.5'	<49.8	**176**	<49.8	**176**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	39.0
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	4/17/2026	7.5'	<50.0	**457**	84.4	**541**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.2
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-7	4/17/2026	7.5'	<50.0	**210**	<50.0	**210**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-8	4/17/2026	7.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.1
SW-9	4/17/2026	7.5'	<50.0	**318**	<50.0	**318**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	145
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	4/17/2026	7.5'	<50.0	**222**	<50.0	**222**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.6
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-11	4/17/2026	7.5'	<50.0	**112**	<50.0	**112**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	112
	4/23/2026	7.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-12	4/21/2026	1.5'-3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.7
SW-13	4/21/2026	3.0'	<50.0	61.9	82.6	**145**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
	4/23/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-14	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	57.0
SW-15	4/21/2026	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	35.1
SW-16	4/21/2026	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	31.9
SW-17	4/21/2026	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**683**
	4/23/2026	3.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-18	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
SW-19	4/21/2026	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	55.1
SW-20	4/21/2026	1.5'-4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	39.8
SW-21	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.9
SW-22	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	38.2
SW-23	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.1
SW-24	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
SW-25	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	27.6
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
(CS) - Confirmation Sample Point
Removed

Table 2
Coterra Energy Operating Co.
Lea Unit #008 (07.02.2019)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-26	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	39.0
SW-27	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**729**
	4/23/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-28	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	57.5
SW-29	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	38.0
SW-30	4/21/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	54.4
SW-31	4/21/2026	4.5'	<50.0	58.4	87.3	**146**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
	4/23/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-32	4/21/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	39.6
SW-33	4/21/2026	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**650**
	4/23/2026	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Backfill	4/21/2026	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	37.6
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
(CS) - Confirmation Sample Point
Removed

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View West, area of CS-1 through CS-25.



Photograph No. 2

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Southeast, area of CS-1 through CS-25



Photograph No. 3

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View East, area of CS-26 through CS-38.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Southwest, area of CS-26 through CS-38.



Photograph No. 5

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View South, area of CS-39 through CS-51.



Photograph No. 6

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-39 through CS-51.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

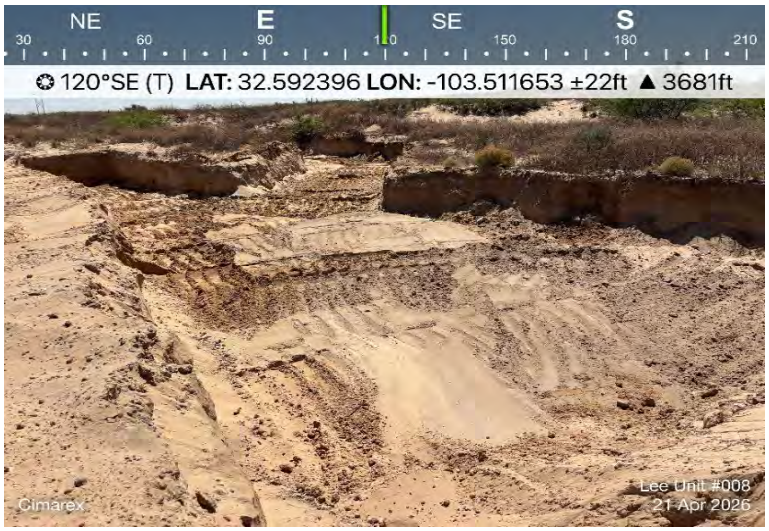
Coterra Energy Operating Co.

Photograph No. 7

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Southeast, area of CS-52 through CS-68.



Photograph No. 8

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View West, area of CS-54 through CS-67.



Photograph No. 9

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View West, area of CS-68 through CS-75.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

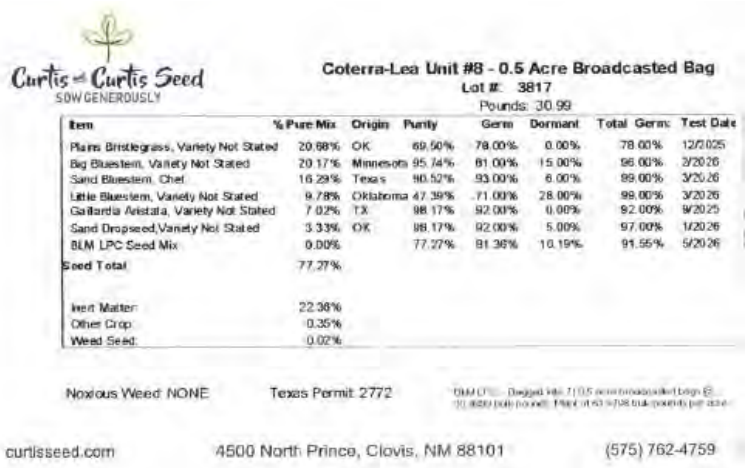
Coterra Energy Operating Co.

Photograph No. 10

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
Seed tag for reseeding of site.


Curtis and Curtis Seed
SOW GENEROUSLY

Coterra-Lea Unit #8 - 0.5 Acre Broadcasted Bag
Lot #: 3817
Pounds: 30.99

Item	% Pure Mix	Origin	Purity	Germ	Dormant	Total Germ	Test Date
Plains Bristlegrass, Variety Not Stated	20.68%	OK	69.50%	78.00%	0.00%	78.00%	12/2025
Big Bluestem, Variety Not Stated	20.17%	Minnesota	95.74%	81.00%	15.00%	96.00%	3/2026
Sand Bluestem, Chet	16.29%	Texas	80.52%	93.00%	6.00%	99.00%	3/2026
Little Bluestem, Variety Not Stated	9.78%	Oklahoma	47.39%	71.00%	28.00%	99.00%	3/2026
Gaillardia Aristata, Variety Not Stated	7.02%	TX	98.17%	92.00%	0.00%	92.00%	9/2025
Sand Dropseed,Variety Not Stated	3.33%	OK	98.17%	92.00%	5.00%	97.00%	1/2026
BLM LPC Seed Mix	0.00%		77.27%	81.36%	10.19%	91.55%	5/2026
Seed Total	77.27%						
Inert Matter	22.36%						
Other Crop	0.35%						
Weed Seed	0.02%						

Noxious Weed: NONE Texas Permit 2772

curtisseed.com 4500 North Prince, Clovis, NM 88101 (575) 762-4759

Photograph No. 11

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Southwest, area backfilled, reclaimed and reseeding in progress.



Photograph No. 12

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View West, area backfilled, reclaimed and reseeding in progress.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 13

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Southeast, area backfilled, reclaimed and reseeding in progress.



Photograph No. 14

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View Northwest, area backfilled, reclaimed and reseeding in progress.



Photograph No. 15

Facility: Lea Unit #008 (07.02.2019)

County: Lea County, New Mexico

Description:
View East, area of access road backfilled, reclaimed and reseeding in progress.



CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES



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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
SEP 21 2018
RECEIVED

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Release Notification

Responsible Party

Responsible Party Legacy Reserves Operating, LP	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # *(assigned by OCD)*
Contact mailing address 303 W. Wall St. Midland, TX 79701	

Location of Release Source

Latitude 32.59254 N Longitude 103.51155 W
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Unit #8D	Site Type Tank Battery
Date Release Discovered 9/20/2018	API# *(if applicable)* 3002502431

Unit Letter	Section	Township	Range	County
B	12	20S	34E	Lea

Federal minerals

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☒ Private (*Name:* Kenneth Smith)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 80 bbls	Volume Recovered (bbls) N/A
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The tank battery overflowed due to a malfunction on the injection well.

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

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State of New Mexico
Oil Conservation Division

Incident ID	NOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release was greater than 25 bbls of liquid.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Larson and Associates personnel called Olivia Yu from OCD on 9/20/2018 and left a voice mail.

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: Brian Cunningham Date: 9/20/2018

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: **RECEIVED** By Olivia Yu at 4:06 pm, Sep 24, 2018 Date:

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

From: Yu, Olivia, EMNRD
To: bcunningham@legacylp.com; Tucker, Shelly
Cc: Hernandez, Christina, EMNRD
Subject: Major release at Lea Unit #8D (30-025-02431)
Date: Monday, September 24, 2018 4:14:00 PM
Attachments: 1RP5201_initialnotif_3002502431.pdf

Mr. Cunningham:

Please note that NMOCD databases indicate Federal surface and minerals ownerships. BLM can verify.

Please be advised that

1. The initial portion of the C-141 form does not include the calculations to determine the release volume. Visual estimation is not sufficient nor adequate. Please submit measurements in volume estimation; including dimensions, soil parameters (porosity, texture, bulk density, etc), and dated, geo-referenced photo documentation verifying that the release has been contained.
2. Per 19.15.29.10 NMAC, a major release necessitates immediate notification to NMOCD Environmental Bureau chief, in addition to the District office.
3. Per 19.15.29.13 NMAC, regulations of corresponding agencies supersede NMOCD's.

The 1RP for this incident is

5201	9/24/2018	A	Legacy	Lea Unit #8D	30-025-02431	20S-34E-12B	9/20/2018

Please remember to include this 1RP identifier to all communications. Revised NMAC 19.15.29 was effective on August 14, 2018. Delineate and remediate per regulation. Mind the timelines for submittal of requisite information.

Please be advised that NMOCD recommends a completed site characterization/delineation report be reviewed or approved by NMOCD BEFORE any significant remediation work towards closure.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

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 573832

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573832
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/16/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed.
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573832
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

QUESTIONS

Action 573842

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573842
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed. Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573842
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

QUESTIONS

Action 573845

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573845
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/20/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed. Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573845
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

QUESTIONS

Action 573848

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573848
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/21/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed. Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573848
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

QUESTIONS

Action 573879

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573879
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed. Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573879
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

QUESTIONS

Action 573880

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573880
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed. Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573880
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 573882

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573882
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nOY1826757876**
Incident Name	**NOY1826757876 LEA UNIT #8D TANK BATTERY @ 30-025-02431**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #8D TANK BATTERY**
Date Release Discovered	**09/20/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Previously deferred areas of DP-6 & DP-7 have been delineated by newly sampled area "S-2". Since the well has been P/A'd, the area will be remediated and the entire area will be reclaimed. Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.59254,-103.51155

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

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573882
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NRM1927332784
District RP	1RP-5712
Facility ID	
Application ID	pRM1927351238

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # *(assigned by OCD)*
Contact mailing address 303 West Wall Street, Suite 1300	

Location of Release Source

Latitude 32.59247 Longitude -103.51174
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Unit #008	Site Type Injection Line
Date Release Discovered 7/2/2019 1:00 AM	API# *(if applicable)* 30-025-02431

Unit Letter	Section	Township	Range	County
B	12	20S	34E	Lea

Surface Owner: ☐ State ☑ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☑ Produced Water	Volume Released (bbls) 195.6	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release The release was attributed to the failure of a high-pressure hose.		

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NRM1927332784
District RP	1RP-5712
Facility ID	
Application ID	pRM1927351238

Was this a major release as defined by 19.15.29.7(A) NMAC? ☑ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Unauthorized release of over 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No, Notice Given by Joel Lowry, Jim Griswold, 8/1/19 @ 11:02, Phone	

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.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: Clyde Wilhoit Title: Maintenance Foreman

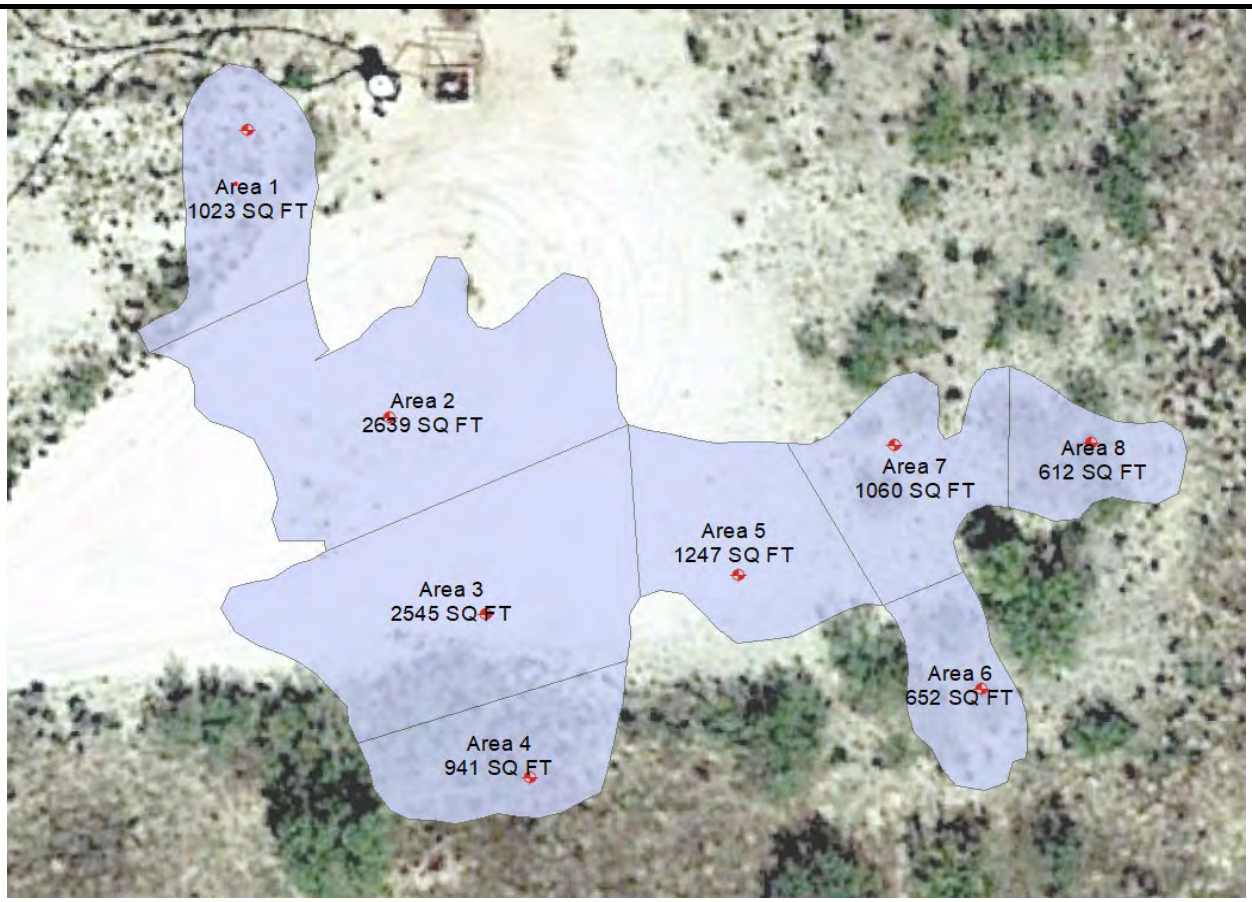
Signature: Clyde Wilhoit Date: 8/1/2019

email: cwilhoit@legacyreserves.com Telephone: 432-425-4137

OCD Only

Received by: Ramona Marcus Date: 9/30/2019

Received by OCD: 5/26/2026 9:33:53 AM
Released to Imaging: 6/1/2026 1:09:57 PM



Volume Calculation

ID	Area	(Ft^2)	Depth (Ft)	%Porosity/ Saturation	Volume (Ft^3)	Volume (bbls)
Area 1		1023	1.20	0.21	257.80	45.92
Area 2		2639	0.20	0.21	110.84	19.74
Area 3		2545	0.10	0.21	53.45	9.52
Area 4		941	0.10	0.21	19.76	3.52
Area 5		1247	0.20	0.21	52.37	9.33
Area 6		652	3.90	0.21	533.99	95.11
Area 7		1060	0.20	0.21	44.52	7.93
Area 8		612	0.20	0.21	25.70	4.58

Volume of Liquid Remaining in Soil:	195.64	bbls
Volume Recovered:	0.00	bbls
Total Volume:	195.64	bbls
Oil (Approximate)	0.00	%
Volume of Oil Released:	0.00	bbls
Volume of Water Released:	195.64	bbls
Volume of Oil Recovered:	0.00	bbls
Volume of Water Recovered:	0.00	bbls

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

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

QUESTIONS

Action 573885

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573885
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/16/2026
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	32.59247,-103.51174

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

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

CONDITIONS

Action 573885

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573885
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

QUESTIONS

Action 573892

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573892
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2026
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	32.59247,-103.51174

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

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573892
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

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

QUESTIONS

Action 573899

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573899
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/20/2026
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	32.59247,-103.51174

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

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

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573899
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

General Information
Phone: (505) 629-6116

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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 573901

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573901
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/21/2026
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	32.59247,-103.51174

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

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573901
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

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

QUESTIONS

Action 573904

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573904
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2026
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	32.59247,-103.51174

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

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573904
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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 573906

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573906
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2026
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	32.59247,-103.51174

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

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573906
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 573910

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573910
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Site Name	**LEA UNIT #008**
Date Release Discovered	**07/02/2019**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	10,850
What is the estimated number of samples that will be gathered	70
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2026
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	32.59247,-103.51174

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 573910

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 573910
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	4/10/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/10/2026

APPENDIX D

CARMONA RESOURCES



Nearest Water Well

Coterra Energy

Legend

- 0.44 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- LEA UNIT #008 (09.20.2018 & 07.02.2019)

105' GWDB - Drilled 2025

LEA UNIT #008 (09.20.2018 & 07.02.2019)

Google Earth

Image © 2025 Airbus

N

2000 ft

Received by OCD: 5/26/2026 9:33:53 AM

Low Karst

Coterra Energy

Legend

- LEA UNIT #008 (09.20.2018 & 07.02.2019)
- Low

LEA UNIT #008 (09.20.2018 & 07.02.2019)

Google Earth

Released to Imaging: 6/1/2026 1:09:57 PM

Image © 2025 Airbus

N

2000 ft

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		CP-2083

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Coterra Energy	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
840 Gessner Rd. Ste. 1400	Houston	TX	77024-4152

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	35	32.0	N
	LONGITUDE	103	31	9.5	W

* 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

Section 12 Township 20s Range 34e. West of 27-A (Marathon Rd.)

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-3-25	9-3-25	105'	105'	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	105'	6"	No casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0'	5'	5'	Sandy Caliche	Y ✓ N	
5'	10'	5'	Sand	Y ✓ N	
10'	20'	10'	Caliche	Y ✓ N	
20'	45'	25'	Sand	Y ✓ N	
45'	50'	5'	Caliche	Y ✓ N	
50'	60'	10'	Sandy Red Clay	Y ✓ N	
60'	105'	45'	Red Clay	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:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: dry hole

TOTAL ESTIMATED WELL YIELD (gpm): 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: Depth to groundwater bore was gauged for water on 9-8-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cuttings to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface. Lea Unit Fed #21

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/8/25 — DATE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FOR OSE INTERNAL USE			
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-2083 Pod 1

Well owner: Coterra Energy Phone No.: 432-208-3035

Mailing address: 840 Gessner Rd. Ste. 1400

City: Houston State: TX Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: H&R Enterprises, LLC ,

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer

4) Date well plugging began: 9-8-25 Date well plugging concluded: 9-8-25

5) GPS Well Location: Latitude: 32 deg, 35 min, 32.0 sec
Longitude: 103 deg, 31 min, 9.5 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: well sounder

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 7/16/25

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0' - 10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	pour	
	10' - 105' Drill Cuttings	Approx. 140 gallons	140 Gallons	pour	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

9/8/25
Date

Version: September 8, 2009
Page 2 of 2

LEA UNIT #008 (09.20.2018 & 07.02.2019)



12/10/2025

World_Hillshade

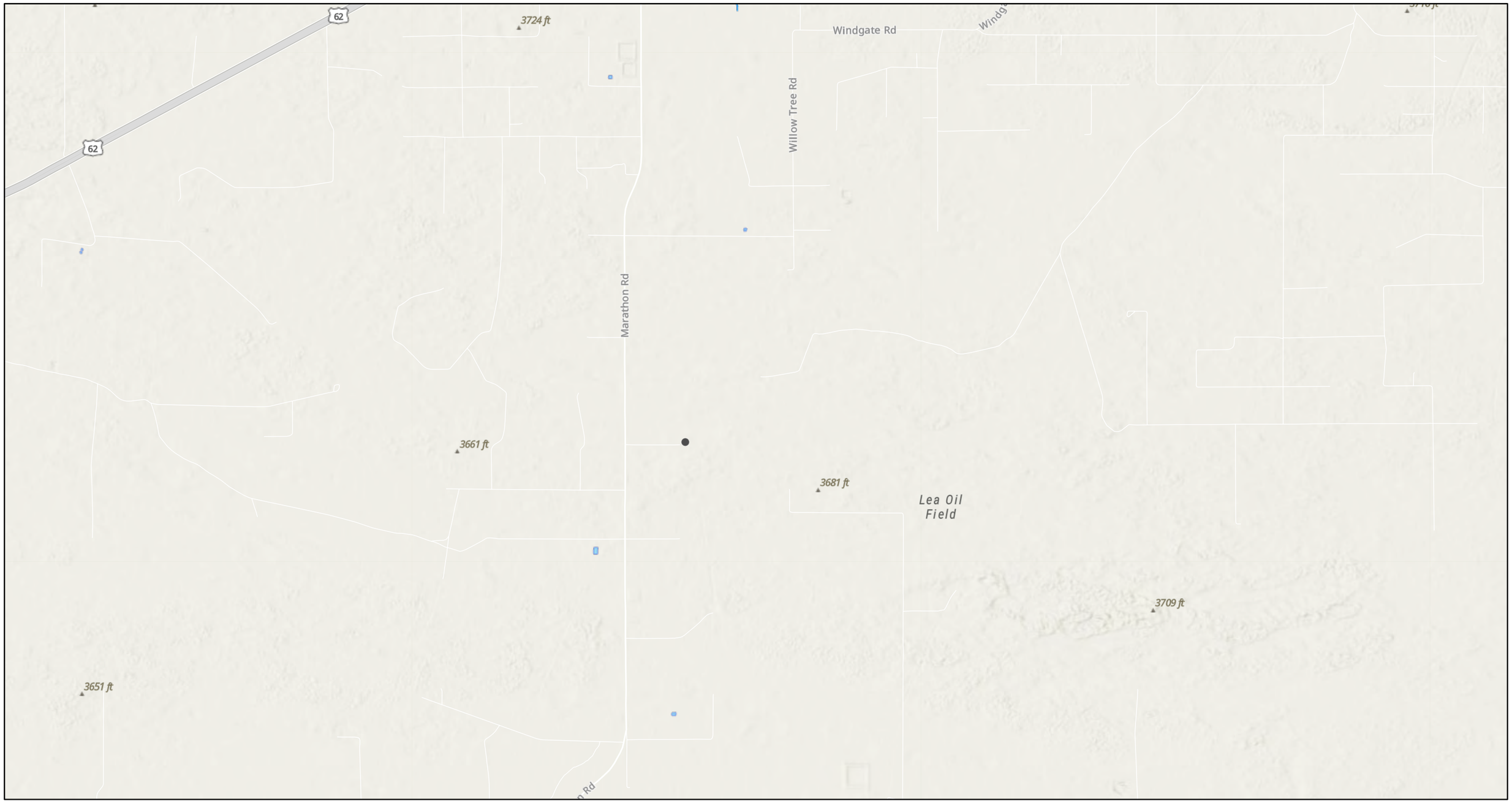
1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

LEA UNIT #008 (09.20.2018 & 07.02.2019)



12/10/2025, 11:13:46 AM

OSW Water Bodys

OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

APPENDIX E

CARMONA RESOURCES



eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2026 3:49:12 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

880-68098-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

my EOL

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
2/13/2026 3:49:12 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 880-68098-1
SDG: Lea County New Mexico

Table of Contents

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QC Sample Results 49
QC Association Summary 64
Lab Chronicle 76
Certification Summary 92
Method Summary 93
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Chain of Custody 95
Receipt Checklists 98

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high 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: Lea Unit #008

Job ID: 880-68098-1

Job ID: 880-68098-1 Eurofins Midland

Job Narrative
880-68098-1

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

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

Receipt
The samples were received on 2/10/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131594 and analytical batch 880-131570 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 8021B: Surrogate recovery for the following samples were outside control limits: S-6 (3') (880-68098-28), S-7 (4') (880-68098-34), S-7 (5') (880-68098-35), S-8 (2') (880-68098-37), S-9 (3') (880-68098-43), S-9 (4') (880-68098-44) and S-10 (0-1') (880-68098-46). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131601 and analytical batch 880-131570 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131596 and analytical batch 880-131638 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 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (2') (880-68098-2), S-1 (4.5') (880-68098-5), S-2 (0-1') (880-68098-6), S-2 (2') (880-68098-7), S-2 (3') (880-68098-8) and S-4 (0-1') (880-68098-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-68098-A-41-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-8 (4') (880-68098-39). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S-10 (4.5') (880-68098-50). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-131483/2-A) and (LCSD 880-131483/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131489/3-A). Evidence of

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 880-68098-1

Job ID: 880-68098-1 (Continued) Eurofins Midland

matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-2 (4') (880-68098-9) and S-2 (5') (880-68098-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-131471 and analytical batch 880-131699 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131471/2-A). 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 300.0 - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-131539 and analytical batch 880-131595 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: S-10 (0-1') (880-68098-46), S-10 (2') (880-68098-47), S-10 (3') (880-68098-48), S-10 (4') (880-68098-49), S-10 (4.5') (880-68098-50) and (880-68098-A-46-D MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 17:18	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:28	02/12/26 17:18	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		02/12/26 11:28	02/12/26 17:18	1
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.00399		mg/Kg		02/12/26 11:28	02/12/26 17:18	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:28	02/12/26 17:18	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		02/12/26 11:28	02/12/26 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*02/12/26 11:28*	*02/12/26 17:18*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:28*	*02/12/26 17:18*	*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			02/12/26 17:18	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			02/13/26 13:30	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 *1	49.7		mg/Kg		02/11/26 10:54	02/13/26 13:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:54	02/13/26 13:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:54	02/13/26 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:30*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.8**		10.1		mg/Kg			02/12/26 15:35	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68098-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 17:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 17:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 17:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 17:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 17:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*22*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 17:38*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/12/26 11:28*	*02/12/26 17:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68098-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/12/26 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/13/26 13:44	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	<50.3	U *1	50.3		mg/Kg		02/11/26 10:54	02/13/26 13:44	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:54	02/13/26 13:44	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 10:54	02/13/26 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:44*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.6**		10.1		mg/Kg			02/12/26 15:51	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68098-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 17:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 17:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 17:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:28	02/12/26 17:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 17:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:28	02/12/26 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:28*	*02/12/26 17:59*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:28*	*02/12/26 17:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 17:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/12/26 23:08	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		02/11/26 11:39	02/12/26 23:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 11:39	02/12/26 23:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68098-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.7	U	49.7		mg/Kg		02/11/26 11:39	02/12/26 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*02/11/26 11:39*	*02/12/26 23:08*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*02/11/26 11:39*	*02/12/26 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.0**		9.92		mg/Kg			02/12/26 16:12	1

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68098-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 18:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 18:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 18:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:28	02/12/26 18:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 18:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:28	02/12/26 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 18:19*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:28*	*02/12/26 18:19*	*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			02/12/26 18:19	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			02/12/26 23:21	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		02/11/26 11:39	02/12/26 23:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 23:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/11/26 11:39*	*02/12/26 23:21*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*02/11/26 11:39*	*02/12/26 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.1**		9.98		mg/Kg			02/12/26 16:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68098-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 18:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/12/26 18:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/12/26 18:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:28	02/12/26 18:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/12/26 18:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:28	02/12/26 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 18:40*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/12/26 11:28*	*02/12/26 18:40*	*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			02/12/26 18:40	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			02/13/26 00:31	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		02/11/26 11:43	02/13/26 00:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 11:43	02/13/26 00:31	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 11:43	02/13/26 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/11/26 11:43*	*02/13/26 00:31*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/11/26 11:43*	*02/13/26 00:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.0**		9.92		mg/Kg			02/12/26 16:22	1

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

Lab Sample ID: 880-68098-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 19:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 19:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 19:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/12/26 19:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 19:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/12/26 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*49*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 19:00*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/12/26 11:28*	*02/12/26 19:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/12/26 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1200**		50.3		mg/Kg			02/13/26 01:12	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	<50.3	U	50.3		mg/Kg		02/11/26 11:43	02/13/26 01:12	1
Diesel Range Organics (Over C10-C28)	**1070**		50.3		mg/Kg		02/11/26 11:43	02/13/26 01:12	1
Oil Range Organics (Over C28-C36)	**133**		50.3		mg/Kg		02/11/26 11:43	02/13/26 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:12*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 16:38	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68098-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 19:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 19:20	1
Ethylbenzene	**0.00210**		0.00201		mg/Kg		02/12/26 11:28	02/12/26 19:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 19:20	1
o-Xylene	**0.00767**		0.00201		mg/Kg		02/12/26 11:28	02/12/26 19:20	1
Xylenes, Total	**0.00767**		0.00402		mg/Kg		02/12/26 11:28	02/12/26 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 19:20*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:28*	*02/12/26 19:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00977**		0.00402		mg/Kg			02/12/26 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2800**		49.9		mg/Kg			02/13/26 01:26	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		02/11/26 11:43	02/13/26 01:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68098-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**2520**		49.9		mg/Kg		02/11/26 11:43	02/13/26 01:26	1
Oil Range Organics (Over C28-C36)	**275**		49.9		mg/Kg		02/11/26 11:43	02/13/26 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:26*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/12/26 16:43	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68098-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 19:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 19:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 19:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:28	02/12/26 19:41	1
o-Xylene	**0.00900**		0.00202		mg/Kg		02/12/26 11:28	02/12/26 19:41	1
Xylenes, Total	**0.00900**		0.00404		mg/Kg		02/12/26 11:28	02/12/26 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*55*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 19:41*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/12/26 11:28*	*02/12/26 19:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00900**		0.00404		mg/Kg			02/12/26 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3620**		49.7		mg/Kg			02/13/26 01:40	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		02/11/26 11:43	02/13/26 01:40	1
Diesel Range Organics (Over C10-C28)	**3410**		49.7		mg/Kg		02/11/26 11:43	02/13/26 01:40	1
Oil Range Organics (Over C28-C36)	**212**		49.7		mg/Kg		02/11/26 11:43	02/13/26 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:40*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68098-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/12/26 16:49	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68098-9
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 20:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 20:22	1
m-Xylene & p-Xylene	**0.00867**		0.00398		mg/Kg		02/12/26 11:28	02/12/26 20:22	1
o-Xylene	**0.00619**		0.00199		mg/Kg		02/12/26 11:28	02/12/26 20:22	1
Xylenes, Total	**0.0149**		0.00398		mg/Kg		02/12/26 11:28	02/12/26 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*02/12/26 11:28*	*02/12/26 20:22*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:28*	*02/12/26 20:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0149**		0.00398		mg/Kg			02/12/26 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**7320**		251		mg/Kg			02/13/26 01:54	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	<251	U	251		mg/Kg		02/11/26 11:43	02/13/26 01:54	5
Diesel Range Organics (Over C10-C28)	**6630**		251		mg/Kg		02/11/26 11:43	02/13/26 01:54	5
Oil Range Organics (Over C28-C36)	**694**		251		mg/Kg		02/11/26 11:43	02/13/26 01:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:43*	*02/13/26 01:54*	*5*
o-Terphenyl (Surr)	*234*	*S1+*	*70 - 130*	*02/11/26 11:43*	*02/13/26 01:54*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.0**		10.0		mg/Kg			02/12/26 16:54	1

Client Sample ID: S-2 (5')

Lab Sample ID: 880-68098-10
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 20:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/12/26 20:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/12/26 20:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-10

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:28	02/12/26 20:01	1
o-Xylene	**0.0210**		0.00198		mg/Kg		02/12/26 11:28	02/12/26 20:01	1
Xylenes, Total	**0.0210**		0.00396		mg/Kg		02/12/26 11:28	02/12/26 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*02/12/26 11:28*	*02/12/26 20:01*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/12/26 11:28*	*02/12/26 20:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0210**		0.00396		mg/Kg			02/12/26 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3130**		49.9		mg/Kg			02/13/26 02:08	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		02/11/26 11:43	02/13/26 02:08	1
Diesel Range Organics (Over C10-C28)	**2830**		49.9		mg/Kg		02/11/26 11:43	02/13/26 02:08	1
Oil Range Organics (Over C28-C36)	**296**		49.9		mg/Kg		02/11/26 11:43	02/13/26 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:08*	*1*
o-Terphenyl (Surr)	*163*	*S1+*	*70 - 130*	*02/11/26 11:43*	*02/13/26 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		10.0		mg/Kg			02/12/26 16:59	1

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

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-11

Matrix: Solid

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		02/12/26 11:28	02/12/26 21:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 21:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 21:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/12/26 21:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 21:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/12/26 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*02/12/26 11:28*	*02/12/26 21:56*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:28*	*02/12/26 21:56*	*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			02/12/26 21:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-11
Matrix: Solid

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			02/13/26 02:22	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		02/11/26 11:43	02/13/26 02:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 02:22	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:22*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.7**		10.0		mg/Kg			02/12/26 17:04	1

Client Sample ID: S-3 (2')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-12
Matrix: Solid

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		02/12/26 11:28	02/12/26 22:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 22:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 22:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 22:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 22:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/12/26 11:28*	*02/12/26 22:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:28*	*02/12/26 22:16*	*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			02/12/26 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/13/26 02:36	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	<50.3	U	50.3		mg/Kg		02/11/26 11:43	02/13/26 02:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 11:43	02/13/26 02:36	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 11:43	02/13/26 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:36*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (2')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-12
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.4**		10.1		mg/Kg			02/12/26 17:20	1

Client Sample ID: S-3 (3')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-13
Matrix: Solid

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		02/12/26 11:28	02/12/26 22:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 22:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 22:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:28	02/12/26 22:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 22:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:28	02/12/26 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:28*	*02/12/26 22:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:28*	*02/12/26 22:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 02:50	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		02/11/26 11:43	02/13/26 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:43	02/13/26 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:43	02/13/26 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:50*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/11/26 11:43*	*02/13/26 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**164**		9.94		mg/Kg			02/12/26 17:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-14
Matrix: Solid

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		02/12/26 11:28	02/12/26 22:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 22:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 22:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:28	02/12/26 22:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/12/26 22:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:28	02/12/26 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*02/12/26 11:28*	*02/12/26 22:57*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:28*	*02/12/26 22:57*	*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			02/12/26 22:57	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			02/13/26 03:05	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	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 03:05	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 03:05	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*02/11/26 11:43*	*02/13/26 03:05*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*02/11/26 11:43*	*02/13/26 03:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**394**		9.92		mg/Kg			02/12/26 17:41	1

Client Sample ID: S-3 (4.5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-15
Matrix: Solid

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		02/12/26 11:28	02/12/26 23:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 23:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 23:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/12/26 23:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 23:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/12/26 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/12/26 11:28*	*02/12/26 23:17*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:28*	*02/12/26 23:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (4.5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-15
Matrix: Solid

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			02/12/26 23:17	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			02/13/26 03:33	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	<50.1	U	50.1		mg/Kg		02/11/26 11:43	02/13/26 03:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 11:43	02/13/26 03:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 11:43	02/13/26 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*02/11/26 11:43*	*02/13/26 03:33*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*02/11/26 11:43*	*02/13/26 03:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**290**		9.98		mg/Kg			02/12/26 17:46	1

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

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-16
Matrix: Solid

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		02/12/26 11:28	02/12/26 23:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 23:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 23:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 23:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:28	02/12/26 23:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:28	02/12/26 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*27*	*S1-*	*70 - 130*	*02/12/26 11:28*	*02/12/26 23:38*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:28*	*02/12/26 23:38*	*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			02/12/26 23:38	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			02/13/26 03:47	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		02/11/26 11:43	02/13/26 03:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:43	02/13/26 03:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-16
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 11:43	02/13/26 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*02/11/26 11:43*	*02/13/26 03:47*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/11/26 11:43*	*02/13/26 03:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 17:51	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68098-17
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/12/26 23:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 23:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 23:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/12/26 11:28	02/12/26 23:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:28	02/12/26 23:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/12/26 11:28	02/12/26 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*02/12/26 11:28*	*02/12/26 23:58*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:28*	*02/12/26 23:58*	*1*

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			02/12/26 23:58	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			02/13/26 04:01	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		02/11/26 11:43	02/13/26 04:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 11:43	02/13/26 04:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 11:43	02/13/26 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:01*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 17:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68098-18
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/13/26 00:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/13/26 00:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/13/26 00:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:28	02/13/26 00:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:28	02/13/26 00:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:28	02/13/26 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*02/12/26 11:28*	*02/13/26 00:19*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:28*	*02/13/26 00:19*	*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			02/13/26 00:19	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			02/13/26 04:16	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		02/11/26 11:43	02/13/26 04:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 11:43	02/13/26 04:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 11:43	02/13/26 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:16*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.7**		9.94		mg/Kg			02/12/26 18:02	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68098-19
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/13/26 00:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/13/26 00:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/13/26 00:39	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:28	02/13/26 00:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:28	02/13/26 00:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:28	02/13/26 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:28*	*02/13/26 00:39*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:28*	*02/13/26 00:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68098-19
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/13/26 00:39	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			02/13/26 04:29	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		02/11/26 11:43	02/13/26 04:29	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 04:29	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:29*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.8**		9.98		mg/Kg			02/12/26 18:07	1

Client Sample ID: S-4 (4.5')

Lab Sample ID: 880-68098-20
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:28	02/13/26 01:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/13/26 01:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/13/26 01:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/13/26 01:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/13/26 01:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:28	02/13/26 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:28*	*02/13/26 01:00*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:28*	*02/13/26 01:00*	*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			02/13/26 01:00	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			02/13/26 04:43	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		02/11/26 11:43	02/13/26 04:43	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/11/26 11:43	02/13/26 04:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (4.5')

Lab Sample ID: 880-68098-20
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 11:43	02/13/26 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:43*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.7**		9.96		mg/Kg			02/12/26 18:12	1

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

Lab Sample ID: 880-68098-21
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:33	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:33	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:33	1
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.00400		mg/Kg		02/12/26 11:39	02/13/26 01:33	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:33	1
Xylenes, Total	<0.00400	U F2 F1	0.00400		mg/Kg		02/12/26 11:39	02/13/26 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:39*	*02/13/26 01:33*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*02/12/26 11:39*	*02/13/26 01:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/13/26 01:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**242**		49.9		mg/Kg			02/13/26 04:58	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		02/11/26 11:43	02/13/26 04:58	1
Diesel Range Organics (Over C10-C28)	**242**		49.9		mg/Kg		02/11/26 11:43	02/13/26 04:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:43	02/13/26 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:58*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*02/11/26 11:43*	*02/13/26 04:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.9**		9.94		mg/Kg			02/13/26 01:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68098-22
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 01:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 01:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 01:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 01:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 01:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/12/26 11:39*	*02/13/26 01:54*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/12/26 11:39*	*02/13/26 01:54*	*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			02/13/26 01:54	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			02/13/26 05:11	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		02/11/26 11:43	02/13/26 05:11	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 05:11	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:43	02/13/26 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*02/11/26 11:43*	*02/13/26 05:11*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/11/26 11:43*	*02/13/26 05:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.6**		9.98		mg/Kg			02/13/26 01:24	1

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68098-23
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 02:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 02:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 02:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/26 11:39	02/13/26 02:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 02:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/26 11:39	02/13/26 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:39*	*02/13/26 02:14*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*02/12/26 11:39*	*02/13/26 02:14*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (3')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-23
Matrix: Solid

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			02/13/26 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 05:25	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		02/11/26 11:43	02/13/26 05:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 11:43	02/13/26 05:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 11:43	02/13/26 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:43*	*02/13/26 05:25*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 11:43*	*02/13/26 05:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.4**		9.96		mg/Kg			02/13/26 01:30	1

Client Sample ID: S-5 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-24
Matrix: Solid

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		02/12/26 11:39	02/13/26 02:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 02:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 02:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 02:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 02:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:39*	*02/13/26 02:35*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*02/12/26 11:39*	*02/13/26 02:35*	*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			02/13/26 02:35	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			02/13/26 05:40	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		02/11/26 11:43	02/13/26 05:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 11:43	02/13/26 05:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68098-24
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.8	U	49.8		mg/Kg		02/11/26 11:43	02/13/26 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*02/11/26 11:43*	*02/13/26 05:40*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*02/11/26 11:43*	*02/13/26 05:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**329**		49.6		mg/Kg			02/13/26 01:37	5

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68098-25
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 02:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 02:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 02:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:39	02/13/26 02:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 02:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:39	02/13/26 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:39*	*02/13/26 02:55*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*02/12/26 11:39*	*02/13/26 02:55*	*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			02/13/26 02:55	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			02/13/26 00:31	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		02/11/26 11:46	02/13/26 00:31	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:46	02/13/26 00:31	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:46	02/13/26 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*02/11/26 11:46*	*02/13/26 00:31*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 11:46*	*02/13/26 00:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**650**		50.2		mg/Kg			02/13/26 01:44	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-26
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 03:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 03:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 03:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 03:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 03:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/12/26 11:39*	*02/13/26 03:16*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/12/26 11:39*	*02/13/26 03:16*	*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			02/13/26 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/13/26 01:12	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		02/11/26 11:46	02/13/26 01:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 11:46	02/13/26 01:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 11:46	02/13/26 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:12*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**391**		10.1		mg/Kg			02/13/26 02:04	1

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68098-27
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 03:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:39	02/13/26 03:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:39	02/13/26 03:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:39	02/13/26 03:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:39	02/13/26 03:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:39	02/13/26 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*02/12/26 11:39*	*02/13/26 03:37*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*02/12/26 11:39*	*02/13/26 03:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (2')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-27
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 03:37	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			02/13/26 01:26	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		02/11/26 11:46	02/13/26 01:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:46	02/13/26 01:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:46	02/13/26 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:26*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**800**		9.94		mg/Kg			02/13/26 02:10	1

Client Sample ID: S-6 (3')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00238**		0.00199		mg/Kg		02/12/26 11:39	02/13/26 03:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 03:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 03:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 03:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 03:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*02/12/26 11:39*	*02/13/26 03:57*	*1*
1,4-Difluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*02/12/26 11:39*	*02/13/26 03:57*	*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			02/13/26 03:57	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			02/13/26 01:40	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		02/11/26 11:46	02/13/26 01:40	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 11:46	02/13/26 01:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (3')

Lab Sample ID: 880-68098-28
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<50.2	U	50.2		mg/Kg		02/11/26 11:46	02/13/26 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:40*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**261**		9.90		mg/Kg			02/13/26 02:17	1

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68098-29
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 04:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:39	02/13/26 04:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:39	02/13/26 04:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:39	02/13/26 04:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:39	02/13/26 04:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:39	02/13/26 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:39*	*02/13/26 04:18*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/12/26 11:39*	*02/13/26 04:18*	*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			02/13/26 04:18	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			02/13/26 01:54	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		02/11/26 11:46	02/13/26 01:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:46	02/13/26 01:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:46	02/13/26 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:54*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/11/26 11:46*	*02/13/26 01:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**294**		9.90		mg/Kg			02/13/26 02:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-68098-30
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 04:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 04:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 04:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:39	02/13/26 04:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 04:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:39	02/13/26 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:39*	*02/13/26 04:39*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/12/26 11:39*	*02/13/26 04:39*	*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			02/13/26 04:39	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			02/13/26 02:08	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		02/11/26 11:46	02/13/26 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 11:46	02/13/26 02:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 11:46	02/13/26 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:08*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**335**		10.0		mg/Kg			02/13/26 02:30	1

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

Lab Sample ID: 880-68098-31
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 06:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 06:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 06:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 06:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:39*	*02/13/26 06:01*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/12/26 11:39*	*02/13/26 06:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-31
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/13/26 06:01	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			02/13/26 02:22	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		02/11/26 11:46	02/13/26 02:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:46	02/13/26 02:22	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:46	02/13/26 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:22*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/13/26 02:37	1

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68098-32
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 06:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:39	02/13/26 06:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:39	02/13/26 06:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:39	02/13/26 06:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:39	02/13/26 06:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:39	02/13/26 06:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:39*	*02/13/26 06:22*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/12/26 11:39*	*02/13/26 06:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 06:22	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			02/13/26 02:36	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		02/11/26 11:46	02/13/26 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:46	02/13/26 02:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68098-32
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 11:46	02/13/26 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:36*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/13/26 02:57	1

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68098-33
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 06:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 06:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 06:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 06:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 06:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 06:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:39*	*02/13/26 06:42*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/12/26 11:39*	*02/13/26 06:42*	*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			02/13/26 06:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**199**		49.7		mg/Kg			02/13/26 02:50	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	<49.7	U	49.7		mg/Kg		02/11/26 11:46	02/13/26 02:50	1
Diesel Range Organics (Over C10-C28)	**141**		49.7		mg/Kg		02/11/26 11:46	02/13/26 02:50	1
Oil Range Organics (Over C28-C36)	**58.0**		49.7		mg/Kg		02/11/26 11:46	02/13/26 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:50*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*02/11/26 11:46*	*02/13/26 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/13/26 03:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-34
Matrix: Solid

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		02/12/26 11:39	02/13/26 07:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 07:03	1
Ethylbenzene	**0.0554**		0.00199		mg/Kg		02/12/26 11:39	02/13/26 07:03	1
m-Xylene & p-Xylene	**0.158**		0.00398		mg/Kg		02/12/26 11:39	02/13/26 07:03	1
o-Xylene	**0.0763**		0.00199		mg/Kg		02/12/26 11:39	02/13/26 07:03	1
Xylenes, Total	**0.234**		0.00398		mg/Kg		02/12/26 11:39	02/13/26 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*197*	*S1+*	*70 - 130*	*02/12/26 11:39*	*02/13/26 07:03*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/12/26 11:39*	*02/13/26 07:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.290**		0.00398		mg/Kg			02/13/26 07:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**300**		50.3		mg/Kg			02/13/26 03:05	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	<50.3	U	50.3		mg/Kg		02/11/26 11:46	02/13/26 03:05	1
Diesel Range Organics (Over C10-C28)	**300**		50.3		mg/Kg		02/11/26 11:46	02/13/26 03:05	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 11:46	02/13/26 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*02/11/26 11:46*	*02/13/26 03:05*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*02/11/26 11:46*	*02/13/26 03:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.1**		10.0		mg/Kg			02/13/26 03:24	1

Client Sample ID: S-7 (5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-35
Matrix: Solid

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		02/12/26 11:39	02/13/26 07:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 07:24	1
Ethylbenzene	**0.00909**		0.00200		mg/Kg		02/12/26 11:39	02/13/26 07:24	1
m-Xylene & p-Xylene	**0.0818**		0.00399		mg/Kg		02/12/26 11:39	02/13/26 07:24	1
o-Xylene	**0.0802**		0.00200		mg/Kg		02/12/26 11:39	02/13/26 07:24	1
Xylenes, Total	**0.162**		0.00399		mg/Kg		02/12/26 11:39	02/13/26 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*02/12/26 11:39*	*02/13/26 07:24*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/12/26 11:39*	*02/13/26 07:24*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (5')

Lab Sample ID: 880-68098-35
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.171**		0.00399		mg/Kg			02/13/26 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1440**		49.8		mg/Kg			02/13/26 03:33	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	<49.8	U	49.8		mg/Kg		02/11/26 11:46	02/13/26 03:33	1
Diesel Range Organics (Over C10-C28)	**1300**		49.8		mg/Kg		02/11/26 11:46	02/13/26 03:33	1
Oil Range Organics (Over C28-C36)	**143**		49.8		mg/Kg		02/11/26 11:46	02/13/26 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*02/11/26 11:46*	*02/13/26 03:33*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*02/11/26 11:46*	*02/13/26 03:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.6**		9.96		mg/Kg			02/13/26 03:31	1

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

Lab Sample ID: 880-68098-36
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 07:44	1
Toluene	**0.00262**		0.00201		mg/Kg		02/12/26 11:39	02/13/26 07:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:39	02/13/26 07:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 07:44	1
o-Xylene	**0.00258**		0.00201		mg/Kg		02/12/26 11:39	02/13/26 07:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:39	02/13/26 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/12/26 11:39*	*02/13/26 07:44*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*02/12/26 11:39*	*02/13/26 07:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00520**		0.00402		mg/Kg			02/13/26 07:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1100**		49.9		mg/Kg			02/13/26 03:47	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		02/11/26 11:46	02/13/26 03:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-36
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	881		49.9		mg/Kg		02/11/26 11:46	02/13/26 03:47	1
Oil Range Organics (Over C28-C36)	215		49.9		mg/Kg		02/11/26 11:46	02/13/26 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/11/26 11:46*	*02/13/26 03:47*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*02/11/26 11:46*	*02/13/26 03:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 18:54	1

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68098-37
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00737		0.00200		mg/Kg		02/12/26 11:39	02/13/26 08:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 08:05	1
Ethylbenzene	0.00646		0.00200		mg/Kg		02/12/26 11:39	02/13/26 08:05	1
m-Xylene & p-Xylene	0.00403		0.00401		mg/Kg		02/12/26 11:39	02/13/26 08:05	1
o-Xylene	0.00224		0.00200		mg/Kg		02/12/26 11:39	02/13/26 08:05	1
Xylenes, Total	0.00627		0.00401		mg/Kg		02/12/26 11:39	02/13/26 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*55*	*S1-*	*70 - 130*	*02/12/26 11:39*	*02/13/26 08:05*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*02/12/26 11:39*	*02/13/26 08:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0201		0.00401		mg/Kg			02/13/26 08:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1590		49.6		mg/Kg			02/13/26 04:01	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		02/11/26 11:46	02/13/26 04:01	1
Diesel Range Organics (Over C10-C28)	1440		49.6		mg/Kg		02/11/26 11:46	02/13/26 04:01	1
Oil Range Organics (Over C28-C36)	145		49.6		mg/Kg		02/11/26 11:46	02/13/26 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:01*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68098-37
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 19:10	1

Client Sample ID: S-8 (3')

Lab Sample ID: 880-68098-38
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 08:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:39	02/13/26 08:25	1
Ethylbenzene	**0.00283**		0.00199		mg/Kg		02/12/26 11:39	02/13/26 08:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:39	02/13/26 08:25	1
o-Xylene	**0.0167**		0.00199		mg/Kg		02/12/26 11:39	02/13/26 08:25	1
Xylenes, Total	**0.0167**		0.00398		mg/Kg		02/12/26 11:39	02/13/26 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*02/12/26 11:39*	*02/13/26 08:25*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/12/26 11:39*	*02/13/26 08:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0195**		0.00398		mg/Kg			02/13/26 08:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2630**		50.1		mg/Kg			02/13/26 04:16	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		02/11/26 11:46	02/13/26 04:16	1
Diesel Range Organics (Over C10-C28)	**2420**		50.1		mg/Kg		02/11/26 11:46	02/13/26 04:16	1
Oil Range Organics (Over C28-C36)	**205**		50.1		mg/Kg		02/11/26 11:46	02/13/26 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:16*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/12/26 19:15	1

Client Sample ID: S-8 (4')

Lab Sample ID: 880-68098-39
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:39	02/13/26 08:46	1
Toluene	**0.00381**		0.00198		mg/Kg		02/12/26 11:39	02/13/26 08:46	1
Ethylbenzene	**0.129**		0.00198		mg/Kg		02/12/26 11:39	02/13/26 08:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-39

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.355		0.00396		mg/Kg		02/12/26 11:39	02/13/26 08:46	1
o-Xylene	0.0131		0.00198		mg/Kg		02/12/26 11:39	02/13/26 08:46	1
Xylenes, Total	0.368		0.00396		mg/Kg		02/12/26 11:39	02/13/26 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*538*	*S1+*	*70 - 130*	*02/12/26 11:39*	*02/13/26 08:46*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*02/12/26 11:39*	*02/13/26 08:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.501		0.00396		mg/Kg			02/13/26 08:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	973		49.9		mg/Kg			02/13/26 04:29	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	96.9		49.9		mg/Kg		02/11/26 11:46	02/13/26 04:29	1
Diesel Range Organics (Over C10-C28)	692		49.9		mg/Kg		02/11/26 11:46	02/13/26 04:29	1
Oil Range Organics (Over C28-C36)	184		49.9		mg/Kg		02/11/26 11:46	02/13/26 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:29*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 19:20	1

Client Sample ID: S-8 (5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-40

Matrix: Solid

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		02/12/26 11:39	02/13/26 09:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 09:06	1
Ethylbenzene	0.00520		0.00200		mg/Kg		02/12/26 11:39	02/13/26 09:06	1
m-Xylene & p-Xylene	0.0317		0.00399		mg/Kg		02/12/26 11:39	02/13/26 09:06	1
o-Xylene	0.0366		0.00200		mg/Kg		02/12/26 11:39	02/13/26 09:06	1
Xylenes, Total	0.0683		0.00399		mg/Kg		02/12/26 11:39	02/13/26 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*02/12/26 11:39*	*02/13/26 09:06*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:39*	*02/13/26 09:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0735		0.00399		mg/Kg			02/13/26 09:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (5')

Lab Sample ID: 880-68098-40
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**598**		49.7		mg/Kg			02/13/26 04:43	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		02/11/26 11:46	02/13/26 04:43	1
Diesel Range Organics (Over C10-C28)	**485**		49.7		mg/Kg		02/11/26 11:46	02/13/26 04:43	1
Oil Range Organics (Over C28-C36)	**113**		49.7		mg/Kg		02/11/26 11:46	02/13/26 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:43*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 19:25	1

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68098-41
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 14:53	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:53	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:53	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		02/12/26 11:21	02/12/26 14:53	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:53	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		02/12/26 11:21	02/12/26 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*02/12/26 11:21*	*02/12/26 14:53*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/12/26 11:21*	*02/12/26 14:53*	*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			02/12/26 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1010**		49.7		mg/Kg			02/13/26 04:58	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		02/11/26 11:46	02/13/26 04:58	1
Diesel Range Organics (Over C10-C28)	**917**		49.7		mg/Kg		02/11/26 11:46	02/13/26 04:58	1
Oil Range Organics (Over C28-C36)	**92.9**		49.7		mg/Kg		02/11/26 11:46	02/13/26 04:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68098-41
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*79*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:58*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/11/26 11:46*	*02/13/26 04:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/12/26 19:41	1

Client Sample ID: S-9 (2')

Lab Sample ID: 880-68098-42
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 19:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:21	02/12/26 19:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:21	02/12/26 19:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:21	02/12/26 19:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:21	02/12/26 19:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:21	02/12/26 19:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*02/12/26 11:21*	*02/12/26 19:42*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*02/12/26 11:21*	*02/12/26 19:42*	*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			02/12/26 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**701**		49.6		mg/Kg			02/13/26 05:11	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		02/11/26 11:46	02/13/26 05:11	1
Diesel Range Organics (Over C10-C28)	**547**		49.6		mg/Kg		02/11/26 11:46	02/13/26 05:11	1
Oil Range Organics (Over C28-C36)	**154**		49.6		mg/Kg		02/11/26 11:46	02/13/26 05:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/11/26 11:46*	*02/13/26 05:11*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/11/26 11:46*	*02/13/26 05:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/12/26 19:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (3')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-43

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00241**		0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:03	1
Toluene	**0.00319**		0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:03	1
Ethylbenzene	**0.00418**		0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:03	1
m-Xylene & p-Xylene	**0.173**		0.00399		mg/Kg		02/12/26 11:21	02/12/26 20:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:03	1
Xylenes, Total	**0.173**		0.00399		mg/Kg		02/12/26 11:21	02/12/26 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*02/12/26 11:21*	*02/12/26 20:03*	*1*
1,4-Difluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*02/12/26 11:21*	*02/12/26 20:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.183**		0.00399		mg/Kg			02/12/26 20:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**278**		49.9		mg/Kg			02/13/26 05:25	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		02/11/26 11:46	02/13/26 05:25	1
Diesel Range Organics (Over C10-C28)	**161**		49.9		mg/Kg		02/11/26 11:46	02/13/26 05:25	1
Oil Range Organics (Over C28-C36)	**117**		49.9		mg/Kg		02/11/26 11:46	02/13/26 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/11/26 11:46*	*02/13/26 05:25*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*02/11/26 11:46*	*02/13/26 05:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 19:52	1

Client Sample ID: S-9 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-44

Matrix: Solid

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		02/12/26 11:21	02/12/26 20:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:21	02/12/26 20:24	1
Ethylbenzene	**0.0423**		0.00201		mg/Kg		02/12/26 11:21	02/12/26 20:24	1
m-Xylene & p-Xylene	**0.0799**		0.00402		mg/Kg		02/12/26 11:21	02/12/26 20:24	1
o-Xylene	**0.0109**		0.00201		mg/Kg		02/12/26 11:21	02/12/26 20:24	1
Xylenes, Total	**0.0908**		0.00402		mg/Kg		02/12/26 11:21	02/12/26 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*02/12/26 11:21*	*02/12/26 20:24*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/12/26 11:21*	*02/12/26 20:24*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68098-44
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.133**		0.00402		mg/Kg			02/12/26 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**712**		49.8		mg/Kg			02/13/26 05:40	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		02/11/26 11:46	02/13/26 05:40	1
Diesel Range Organics (Over C10-C28)	**615**		49.8		mg/Kg		02/11/26 11:46	02/13/26 05:40	1
Oil Range Organics (Over C28-C36)	**96.9**		49.8		mg/Kg		02/11/26 11:46	02/13/26 05:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/11/26 11:46*	*02/13/26 05:40*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*02/11/26 11:46*	*02/13/26 05:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/12/26 19:57	1

Client Sample ID: S-9 (5')

Lab Sample ID: 880-68098-45
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 20:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/26 11:21	02/12/26 20:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 20:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/26 11:21	02/12/26 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:21*	*02/12/26 20:44*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:21*	*02/12/26 20:44*	*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			02/12/26 20:44	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			02/12/26 09:10	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		02/11/26 11:50	02/12/26 09:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (5')

Lab Sample ID: 880-68098-45
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:50	02/12/26 09:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:50	02/12/26 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*02/11/26 11:50*	*02/12/26 09:10*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*02/11/26 11:50*	*02/12/26 09:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 20:02	1

Client Sample ID: S-10 (0-1')

Lab Sample ID: 880-68098-46
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 21:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:21	02/12/26 21:05	1
Ethylbenzene	**0.00272**		0.00199		mg/Kg		02/12/26 11:21	02/12/26 21:05	1
m-Xylene & p-Xylene	**0.0113**		0.00398		mg/Kg		02/12/26 11:21	02/12/26 21:05	1
o-Xylene	**0.00824**		0.00199		mg/Kg		02/12/26 11:21	02/12/26 21:05	1
Xylenes, Total	**0.0195**		0.00398		mg/Kg		02/12/26 11:21	02/12/26 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*02/12/26 11:21*	*02/12/26 21:05*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*02/12/26 11:21*	*02/12/26 21:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0223**		0.00398		mg/Kg			02/12/26 21:05	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			02/12/26 09:52	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		02/11/26 11:50	02/12/26 09:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 11:50	02/12/26 09:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 11:50	02/12/26 09:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/11/26 11:50*	*02/12/26 09:52*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/11/26 11:50*	*02/12/26 09:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**376**	**F1**	9.96		mg/Kg			02/12/26 20:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-10 (2')

Lab Sample ID: 880-68098-47
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 21:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:21	02/12/26 21:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:21	02/12/26 21:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:21	02/12/26 21:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:21	02/12/26 21:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:21	02/12/26 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/12/26 11:21*	*02/12/26 21:26*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/12/26 11:21*	*02/12/26 21:26*	*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			02/12/26 21:26	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			02/12/26 10:06	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		02/11/26 11:50	02/12/26 10:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 11:50	02/12/26 10:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 11:50	02/12/26 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/11/26 11:50*	*02/12/26 10:06*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/11/26 11:50*	*02/12/26 10:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		9.92		mg/Kg			02/12/26 20:23	1

Client Sample ID: S-10 (3')

Lab Sample ID: 880-68098-48
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 21:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:21	02/12/26 21:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:21	02/12/26 21:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/12/26 11:21	02/12/26 21:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:21	02/12/26 21:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/12/26 11:21	02/12/26 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:21*	*02/12/26 21:46*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*02/12/26 11:21*	*02/12/26 21:46*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-10 (3')

Lab Sample ID: 880-68098-48
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/12/26 21:46	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			02/12/26 10:20	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	<49.7	U	49.7		mg/Kg		02/11/26 11:50	02/12/26 10:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 11:50	02/12/26 10:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 11:50	02/12/26 10:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/11/26 11:50*	*02/12/26 10:20*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*02/11/26 11:50*	*02/12/26 10:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		10.1		mg/Kg			02/12/26 20:28	1

Client Sample ID: S-10 (4')

Lab Sample ID: 880-68098-49
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 22:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 22:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 22:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/26 11:21	02/12/26 22:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 22:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/26 11:21	02/12/26 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:21*	*02/12/26 22:07*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:21*	*02/12/26 22:07*	*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			02/12/26 22:07	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			02/12/26 10:34	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	<50.1	U	50.1		mg/Kg		02/11/26 11:50	02/12/26 10:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 11:50	02/12/26 10:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-10 (4')

Lab Sample ID: 880-68098-49
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<50.1	U	50.1		mg/Kg		02/11/26 11:50	02/12/26 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/11/26 11:50*	*02/12/26 10:34*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/11/26 11:50*	*02/12/26 10:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		9.94		mg/Kg			02/12/26 20:44	1

Client Sample ID: S-10 (4.5')

Lab Sample ID: 880-68098-50
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:21	02/12/26 22:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:21	02/12/26 22:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:21	02/12/26 22:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:21	02/12/26 22:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:21	02/12/26 22:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:21	02/12/26 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:21*	*02/12/26 22:28*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/12/26 11:21*	*02/12/26 22:28*	*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			02/12/26 22:28	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			02/12/26 10:47	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		02/11/26 11:50	02/12/26 10:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:50	02/12/26 10:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:50	02/12/26 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*200*	*S1+*	*70 - 130*	*02/11/26 11:50*	*02/12/26 10:47*	*1*
o-Terphenyl (Surr)	*217*	*S1+*	*70 - 130*	*02/11/26 11:50*	*02/12/26 10:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.4**		9.98		mg/Kg			02/12/26 20:49	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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)										
880-68098-1	S-1 (0-1')	110	98										
880-68098-1 MS	S-1 (0-1')	79	98										
880-68098-1 MSD	S-1 (0-1')	100	96										
880-68098-2	S-1 (2')	22 S1-	115										
880-68098-3	S-1 (3')	102	101										
880-68098-4	S-1 (4')	58 S1-	99										
880-68098-5	S-1 (4.5')	66 S1-	90										
880-68098-6	S-2 (0-1')	49 S1-	87										
880-68098-7	S-2 (2')	67 S1-	104										
880-68098-8	S-2 (3')	55 S1-	94										
880-68098-9	S-2 (4')	121	104										
880-68098-10	S-2 (5')	124	88										
880-68098-11	S-3 (0-1')	110	100										
880-68098-12	S-3 (2')	107	99										
880-68098-13	S-3 (3')	103	98										
880-68098-14	S-3 (4')	107	97										
880-68098-15	S-3 (4.5')	115	97										
880-68098-16	S-4 (0-1')	27 S1-	102										
880-68098-17	S-4 (2')	79	102										
880-68098-18	S-4 (3')	88	100										
880-68098-19	S-4 (4')	104	96										
880-68098-20	S-4 (4.5')	106	98										
880-68098-21	S-5 (0-1')	103	114										
880-68098-21 MS	S-5 (0-1')	99	108										
880-68098-21 MSD	S-5 (0-1')	103	89										
880-68098-22	S-5 (2')	108	118										
880-68098-23	S-5 (3')	103	110										
880-68098-24	S-5 (4')	105	116										
880-68098-25	S-5 (4.5')	103	117										
880-68098-26	S-6 (0-1')	108	113										
880-68098-27	S-6 (2')	119	123										
880-68098-28	S-6 (3')	91	144 S1+										
880-68098-29	S-6 (4')	106	115										
880-68098-30	S-6 (4.5')	104	111										
880-68098-31	S-7 (0-1')	103	113										
880-68098-32	S-7 (2')	101	112										
880-68098-33	S-7 (3')	96	107										
880-68098-34	S-7 (4')	197 S1+	113										
880-68098-35	S-7 (5')	135 S1+	113										
880-68098-36	S-8 (0-1')	115	119										
880-68098-37	S-8 (2')	55 S1-	115										
880-68098-38	S-8 (3')	81	111										
880-68098-39	S-8 (4')	538 S1+	117										
880-68098-40	S-8 (5')	129	105										
880-68098-41	S-9 (0-1')	85	94										
880-68098-41 MS	S-9 (0-1')	99	117										
880-68098-41 MSD	S-9 (0-1')	111	133 S1+										
880-68098-42	S-9 (2')	90	114										
880-68098-43	S-9 (3')	122	138 S1+										

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-68098-44	S-9 (4')	145 S1+	112
880-68098-45	S-9 (5')	100	105
880-68098-46	S-10 (0-1')	67 S1-	81
880-68098-47	S-10 (2')	108	112
880-68098-48	S-10 (3')	103	108
880-68098-49	S-10 (4')	104	106
880-68098-50	S-10 (4.5')	105	111
LCS 880-131594/1-A	Lab Control Sample	110	108
LCS 880-131596/1-A	Lab Control Sample	101	97
LCS 880-131601/1-A	Lab Control Sample	97	105
LCSD 880-131594/2-A	Lab Control Sample Dup	99	119
LCSD 880-131596/2-A	Lab Control Sample Dup	99	99
LCSD 880-131601/2-A	Lab Control Sample Dup	104	117
MB 880-131594/5-A	Method Blank	98	112
MB 880-131596/5-A	Method Blank	99	89
MB 880-131601/5-A	Method Blank	96	106

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**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-68089-A-21-B MS	Matrix Spike	99	106
880-68089-A-21-C MSD	Matrix Spike Duplicate	125	104
880-68095-A-1-C MS	Matrix Spike	115	112
880-68095-A-1-D MSD	Matrix Spike Duplicate	116	112
880-68098-1	S-1 (0-1')	107	123
880-68098-2	S-1 (2')	96	112
880-68098-3	S-1 (3')	89	100
880-68098-4	S-1 (4')	87	94
880-68098-5	S-1 (4.5')	87	96
880-68098-5 MS	S-1 (4.5')	103	98
880-68098-5 MSD	S-1 (4.5')	103	96
880-68098-6	S-2 (0-1')	82	94
880-68098-7	S-2 (2')	90	97
880-68098-8	S-2 (3')	95	99
880-68098-9	S-2 (4')	90	234 S1+
880-68098-10	S-2 (5')	84	163 S1+
880-68098-11	S-3 (0-1')	86	96
880-68098-12	S-3 (2')	83	94
880-68098-13	S-3 (3')	83	93
880-68098-14	S-3 (4')	83	92
880-68098-15	S-3 (4.5')	84	91
880-68098-16	S-4 (0-1')	85	93
880-68098-17	S-4 (2')	87	93
880-68098-18	S-4 (3')	92	103

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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)								
880-68098-19	S-4 (4')	90	98								
880-68098-20	S-4 (4.5')	91	98								
880-68098-21	S-5 (0-1')	98	110								
880-68098-22	S-5 (2')	85	93								
880-68098-23	S-5 (3')	90	97								
880-68098-24	S-5 (4')	94	104								
880-68098-25	S-5 (4.5')	84	97								
880-68098-25 MS	S-5 (4.5')	96	96								
880-68098-25 MSD	S-5 (4.5')	95	96								
880-68098-26	S-6 (0-1')	80	92								
880-68098-27	S-6 (2')	76	89								
880-68098-28	S-6 (3')	81	92								
880-68098-29	S-6 (4')	81	95								
880-68098-30	S-6 (4.5')	84	97								
880-68098-31	S-7 (0-1')	82	96								
880-68098-32	S-7 (2')	85	97								
880-68098-33	S-7 (3')	76	90								
880-68098-34	S-7 (4')	83	103								
880-68098-35	S-7 (5')	91	130								
880-68098-36	S-8 (0-1')	77	107								
880-68098-37	S-8 (2')	81	99								
880-68098-38	S-8 (3')	92	113								
880-68098-39	S-8 (4')	96	112								
880-68098-40	S-8 (5')	78	94								
880-68098-41	S-9 (0-1')	79	95								
880-68098-42	S-9 (2')	82	95								
880-68098-43	S-9 (3')	87	100								
880-68098-44	S-9 (4')	87	107								
880-68098-45	S-9 (5')	97	106								
880-68098-45 MS	S-9 (5')	118	112								
880-68098-45 MSD	S-9 (5')	118	111								
880-68098-46	S-10 (0-1')	107	113								
880-68098-47	S-10 (2')	107	114								
880-68098-48	S-10 (3')	100	108								
880-68098-49	S-10 (4')	107	114								
880-68098-50	S-10 (4.5')	200 S1+	217 S1+								
LCS 880-131471/2-A	Lab Control Sample	134 S1+	118								
LCS 880-131483/2-A	Lab Control Sample	150 S1+	136 S1+								
LCS 880-131489/2-A	Lab Control Sample	124	109								
LCS 880-131490/2-A	Lab Control Sample	124	120								
LCS 880-131495/2-A	Lab Control Sample	127	123								
LCSD 880-131471/3-A	Lab Control Sample Dup	110	101								
LCSD 880-131483/3-A	Lab Control Sample Dup	145 S1+	128								
LCSD 880-131489/3-A	Lab Control Sample Dup	149 S1+	131 S1+								
LCSD 880-131490/3-A	Lab Control Sample Dup	127	124								
LCSD 880-131495/3-A	Lab Control Sample Dup	124	120								
MB 880-131471/1-A	Method Blank	122	126								
MB 880-131483/1-A	Method Blank	82	89								
MB 880-131489/1-A	Method Blank	83	91								
MB 880-131490/1-A	Method Blank	88	103								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-68098-1
Project/Site: Lea Unit #008
SDG: Lea County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-131495/1-A	Method Blank	78	84								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131594/5-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:21	02/12/26 14:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:21	02/12/26 14:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:21	02/12/26 14:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:21*	*02/12/26 14:31*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/12/26 11:21*	*02/12/26 14:31*	*1*

Lab Sample ID: LCS 880-131594/1-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131594

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1016		mg/Kg		102	70 - 130
Toluene	0.100	0.1024		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1136		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2243		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1085		mg/Kg		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-131594/2-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131594

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1102		mg/Kg		110	70 - 130	8	35
Toluene	0.100	0.1023		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2107		mg/Kg		105	70 - 130	6	35
o-Xylene	0.100	0.09977		mg/Kg		100	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: 880-68098-41 MS
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: S-9 (0-1')
Prep Type: Total/NA
Prep Batch: 131594

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08606		mg/Kg		86	70 - 130
Toluene	<0.00200	U F1	0.100	0.06554	F1	mg/Kg		66	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-41 MS
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: S-9 (0-1')
Prep Type: Total/NA
Prep Batch: 131594

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.05319	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1012	F1	mg/Kg		51	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04870	F1	mg/Kg		49	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*

Lab Sample ID: 880-68098-41 MSD
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: S-9 (0-1')
Prep Type: Total/NA
Prep Batch: 131594

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08491		mg/Kg		85	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.07414		mg/Kg		74	70 - 130	12	35
Ethylbenzene	<0.00200	U F1	0.100	0.06744	F1	mg/Kg		67	70 - 130	24	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1237	F1	mg/Kg		62	70 - 130	20	35
o-Xylene	<0.00200	U F1	0.100	0.06253	F1	mg/Kg		63	70 - 130	25	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*133*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-131596/5-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131596

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:28	02/12/26 16:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:28	02/12/26 16:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:28*	*02/12/26 16:56*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/12/26 11:28*	*02/12/26 16:56*	*1*

Lab Sample ID: LCS 880-131596/1-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09395		mg/Kg		94	70 - 130
Toluene	0.100	0.08790		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.08521		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1793		mg/Kg		90	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131596/1-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131596

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09719		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-131596/2-A
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131596

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09127		mg/Kg		91	70 - 130	3	35
Toluene			0.100	0.08543		mg/Kg		85	70 - 130	3	35
Ethylbenzene			0.100	0.08300		mg/Kg		83	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1743		mg/Kg		87	70 - 130	3	35
o-Xylene			0.100	0.09409		mg/Kg		94	70 - 130	3	35

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

Lab Sample ID: 880-68098-1 MS
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 131596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.07061		mg/Kg		71	70 - 130		
Toluene	<0.00200	U F1	0.100	0.06681	F1	mg/Kg		67	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.01027	F1	mg/Kg		10	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.01715	F1	mg/Kg		9	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.06781	F1	mg/Kg		68	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-68098-1 MSD
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 131596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08652		mg/Kg		87	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.08040		mg/Kg		80	70 - 130	18	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.07619	F2	mg/Kg		76	70 - 130	152	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1591	F2	mg/Kg		80	70 - 130	161	35
o-Xylene	<0.00200	U F1	0.100	0.08681		mg/Kg		87	70 - 130	25	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-1 MSD
Matrix: Solid
Analysis Batch: 131638

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 131596

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-131601/5-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131601

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:39	02/13/26 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:39	02/13/26 01:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:39	02/13/26 01:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/12/26 11:39	02/13/26 01:11	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/12/26 11:39	02/13/26 01:11	1

Lab Sample ID: LCS 880-131601/1-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131601

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09094		mg/Kg		91	70 - 130		
Toluene			0.100	0.08824		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09371		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene			0.200	0.1820		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.08665		mg/Kg		87	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-131601/2-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131601

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1002		mg/Kg		100	70 - 130	10	35
Toluene			0.100	0.09485		mg/Kg		95	70 - 130	7	35
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1974		mg/Kg		99	70 - 130	8	35
o-Xylene			0.100	0.09344		mg/Kg		93	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131601/2-A
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131601

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-68098-21 MS
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: S-5 (0-1')
Prep Type: Total/NA
Prep Batch: 131601

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.07044		mg/Kg		70	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.06001	F1	mg/Kg		60	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.05869	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.200	0.1113	F1	mg/Kg		56	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.05148	F1	mg/Kg		51	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-68098-21 MSD
Matrix: Solid
Analysis Batch: 131570

Client Sample ID: S-5 (0-1')
Prep Type: Total/NA
Prep Batch: 131601

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.03470	F2 F1	mg/Kg		35	70 - 130	68	35
Toluene	<0.00200	U F2 F1	0.100	0.03266	F2 F1	mg/Kg		33	70 - 130	59	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02856	F2 F1	mg/Kg		29	70 - 130	69	35
m-Xylene & p-Xylene	<0.00400	U F2 F1	0.200	0.06610	F2 F1	mg/Kg		33	70 - 130	51	35
o-Xylene	<0.00200	U F2 F1	0.100	0.03141	F2 F1	mg/Kg		31	70 - 130	48	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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

Lab Sample ID: MB 880-131471/1-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131471

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		02/11/26 10:54	02/13/26 06:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:54	02/13/26 06:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:54	02/13/26 06:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	02/11/26 10:54	02/13/26 06:56	1
o-Terphenyl (Surr)	126		70 - 130	02/11/26 10:54	02/13/26 06:56	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131471/2-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131471

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1005		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	979.2		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: LCSD 880-131471/3-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131471

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	802.1	*1	mg/Kg		80	70 - 130	22	20
Diesel Range Organics (Over C10-C28)			1000	841.8		mg/Kg		84	70 - 130	15	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-68089-A-21-B MS
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131471

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	1010	1040		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	929.8		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-68089-A-21-C MSD
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131471

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	<50.1	U *1	1010	1030		mg/Kg		102	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	880.0		mg/Kg		86	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-A-21-C MSD
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131471

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: MB 880-131483/1-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131483

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		02/11/26 11:39	02/12/26 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	02/11/26 11:39	02/12/26 16:16	1
o-Terphenyl (Surr)	89		70 - 130	02/11/26 11:39	02/12/26 16:16	1

Lab Sample ID: LCS 880-131483/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131483

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	987.6		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1214		mg/Kg		121	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

Lab Sample ID: LCSD 880-131483/3-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1162		mg/Kg		116	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	128		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68095-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131573 — **Prep Batch: 131483**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1037		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	267		998	1147		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-68095-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131573 — **Prep Batch: 131483**

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	<49.9	U	998	991.1		mg/Kg		99	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	267		998	1172		mg/Kg		91	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: MB 880-131489/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131573 — **Prep Batch: 131489**

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		02/11/26 11:43	02/12/26 23:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:43	02/12/26 23:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:43	02/12/26 23:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*02/11/26 11:43*	*02/12/26 23:49*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*02/11/26 11:43*	*02/12/26 23:49*	*1*

Lab Sample ID: LCS 880-131489/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131573 — **Prep Batch: 131489**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	856.2		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	992.3		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131489/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131489

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-131489/3-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131489

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1001		mg/Kg		100	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1201		mg/Kg		120	70 - 130	19	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	149	S1+	70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

Lab Sample ID: 880-68098-5 MS
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-1 (4.5')
Prep Type: Total/NA
Prep Batch: 131489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	960.9		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	995	943.6		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 880-68098-5 MSD
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-1 (4.5')
Prep Type: Total/NA
Prep Batch: 131489

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	<50.1	U	995	962.1		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	995	947.2		mg/Kg		95	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	96		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-131490/1-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131490

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		02/11/26 11:46	02/12/26 23:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:46	02/12/26 23:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:46	02/12/26 23:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/11/26 11:46*	*02/12/26 23:49*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*02/11/26 11:46*	*02/12/26 23:49*	*1*

Lab Sample ID: LCS 880-131490/2-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	949.6		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	842.4		mg/Kg		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*124*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: LCSD 880-131490/3-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131490

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	932.6		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	861.2		mg/Kg		86	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*127*		*70 - 130*
o-Terphenyl (Surr)	*124*		*70 - 130*

Lab Sample ID: 880-68098-25 MS
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-5 (4.5')
Prep Type: Total/NA
Prep Batch: 131490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	998	868.8		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.6	U	998	703.6		mg/Kg		70	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-25 MS
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-5 (4.5')
Prep Type: Total/NA
Prep Batch: 131490

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 880-68098-25 MSD
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-5 (4.5')
Prep Type: Total/NA
Prep Batch: 131490

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	<49.6	U	998	878.8		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.6	U	998	696.2		mg/Kg		70	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: MB 880-131495/1-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131495

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		02/11/26 11:50	02/12/26 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:50	02/12/26 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:50	02/12/26 06:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130	02/11/26 11:50	02/12/26 06:12	1
o-Terphenyl (Surr)	84		70 - 130	02/11/26 11:50	02/12/26 06:12	1

Lab Sample ID: LCS 880-131495/2-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131495

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1114		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1073		mg/Kg		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	123		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131495/3-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131495

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1097		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1041		mg/Kg		104	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*124*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: 880-68098-45 MS
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-9 (5')
Prep Type: Total/NA
Prep Batch: 131495

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	976.2		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	754.9		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-68098-45 MSD
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-9 (5')
Prep Type: Total/NA
Prep Batch: 131495

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	<49.9	U	1000	980.3		mg/Kg		98	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	757.6		mg/Kg		74	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131534/1-A
Matrix: Solid
Analysis Batch: 131591

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			02/12/26 15:19	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-131534/2-A
Matrix: Solid
Analysis Batch: 131591

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.3		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-131534/3-A
Matrix: Solid
Analysis Batch: 131591

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	231.6		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68098-1 MS
Matrix: Solid
Analysis Batch: 131591

Client Sample ID: S-1 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	36.8		253	296.3		mg/Kg		103	90 - 110		

Lab Sample ID: 880-68098-1 MSD
Matrix: Solid
Analysis Batch: 131591

Client Sample ID: S-1 (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	36.8		253	297.1		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-68098-11 MS
Matrix: Solid
Analysis Batch: 131591

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	28.7		251	268.0		mg/Kg		95	90 - 110		

Lab Sample ID: 880-68098-11 MSD
Matrix: Solid
Analysis Batch: 131591

Client Sample ID: S-3 (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	28.7		251	268.8		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-131539/1-A
Matrix: Solid
Analysis Batch: 131595

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			02/12/26 18:38	1

Lab Sample ID: LCS 880-131539/2-A
Matrix: Solid
Analysis Batch: 131595

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.9		mg/Kg		93	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-131539/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131595

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	232.7		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68098-36 MS — **Client Sample ID: S-8 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.1	U	252	254.5		mg/Kg		101	90 - 110		

Lab Sample ID: 880-68098-36 MSD — **Client Sample ID: S-8 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	252	254.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-68098-46 MS — **Client Sample ID: S-10 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131595

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	376	F1	249	650.8		mg/Kg		110	90 - 110		

Lab Sample ID: 880-68098-46 MSD — **Client Sample ID: S-10 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131595

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	376	F1	249	652.7	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-131537/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/13/26 00:43	1

Lab Sample ID: LCS 880-131537/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131598

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.1		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-131537/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131598

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.5		mg/Kg		98	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68098-21 MS
Matrix: Solid
Analysis Batch: 131598

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.9		249	278.3		mg/Kg		103	90 - 110

Lab Sample ID: 880-68098-21 MSD
Matrix: Solid
Analysis Batch: 131598

Client Sample ID: S-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	22.9		249	278.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-68098-31 MS
Matrix: Solid
Analysis Batch: 131598

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U	253	262.2		mg/Kg		102	90 - 110

Lab Sample ID: 880-68098-31 MSD
Matrix: Solid
Analysis Batch: 131598

Client Sample ID: S-7 (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	<10.1	U	253	261.6		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-21	S-5 (0-1')	Total/NA	Solid	8021B	131601
880-68098-22	S-5 (2')	Total/NA	Solid	8021B	131601
880-68098-23	S-5 (3')	Total/NA	Solid	8021B	131601
880-68098-24	S-5 (4')	Total/NA	Solid	8021B	131601
880-68098-25	S-5 (4.5')	Total/NA	Solid	8021B	131601
880-68098-26	S-6 (0-1')	Total/NA	Solid	8021B	131601
880-68098-27	S-6 (2')	Total/NA	Solid	8021B	131601
880-68098-28	S-6 (3')	Total/NA	Solid	8021B	131601
880-68098-29	S-6 (4')	Total/NA	Solid	8021B	131601
880-68098-30	S-6 (4.5')	Total/NA	Solid	8021B	131601
880-68098-31	S-7 (0-1')	Total/NA	Solid	8021B	131601
880-68098-32	S-7 (2')	Total/NA	Solid	8021B	131601
880-68098-33	S-7 (3')	Total/NA	Solid	8021B	131601
880-68098-34	S-7 (4')	Total/NA	Solid	8021B	131601
880-68098-35	S-7 (5')	Total/NA	Solid	8021B	131601
880-68098-36	S-8 (0-1')	Total/NA	Solid	8021B	131601
880-68098-37	S-8 (2')	Total/NA	Solid	8021B	131601
880-68098-38	S-8 (3')	Total/NA	Solid	8021B	131601
880-68098-39	S-8 (4')	Total/NA	Solid	8021B	131601
880-68098-40	S-8 (5')	Total/NA	Solid	8021B	131601
880-68098-41	S-9 (0-1')	Total/NA	Solid	8021B	131594
880-68098-42	S-9 (2')	Total/NA	Solid	8021B	131594
880-68098-43	S-9 (3')	Total/NA	Solid	8021B	131594
880-68098-44	S-9 (4')	Total/NA	Solid	8021B	131594
880-68098-45	S-9 (5')	Total/NA	Solid	8021B	131594
880-68098-46	S-10 (0-1')	Total/NA	Solid	8021B	131594
880-68098-47	S-10 (2')	Total/NA	Solid	8021B	131594
880-68098-48	S-10 (3')	Total/NA	Solid	8021B	131594
880-68098-49	S-10 (4')	Total/NA	Solid	8021B	131594
880-68098-50	S-10 (4.5')	Total/NA	Solid	8021B	131594
MB 880-131594/5-A	Method Blank	Total/NA	Solid	8021B	131594
MB 880-131601/5-A	Method Blank	Total/NA	Solid	8021B	131601
LCS 880-131594/1-A	Lab Control Sample	Total/NA	Solid	8021B	131594
LCS 880-131601/1-A	Lab Control Sample	Total/NA	Solid	8021B	131601
LCSD 880-131594/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131594
LCSD 880-131601/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131601
880-68098-21 MS	S-5 (0-1')	Total/NA	Solid	8021B	131601
880-68098-21 MSD	S-5 (0-1')	Total/NA	Solid	8021B	131601
880-68098-41 MS	S-9 (0-1')	Total/NA	Solid	8021B	131594
880-68098-41 MSD	S-9 (0-1')	Total/NA	Solid	8021B	131594

Prep Batch: 131594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-41	S-9 (0-1')	Total/NA	Solid	5035	
880-68098-42	S-9 (2')	Total/NA	Solid	5035	
880-68098-43	S-9 (3')	Total/NA	Solid	5035	
880-68098-44	S-9 (4')	Total/NA	Solid	5035	
880-68098-45	S-9 (5')	Total/NA	Solid	5035	
880-68098-46	S-10 (0-1')	Total/NA	Solid	5035	
880-68098-47	S-10 (2')	Total/NA	Solid	5035	
880-68098-48	S-10 (3')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 131594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-49	S-10 (4')	Total/NA	Solid	5035	
880-68098-50	S-10 (4.5')	Total/NA	Solid	5035	
MB 880-131594/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131594/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131594/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68098-41 MS	S-9 (0-1')	Total/NA	Solid	5035	
880-68098-41 MSD	S-9 (0-1')	Total/NA	Solid	5035	

Prep Batch: 131596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Total/NA	Solid	5035	
880-68098-2	S-1 (2')	Total/NA	Solid	5035	
880-68098-3	S-1 (3')	Total/NA	Solid	5035	
880-68098-4	S-1 (4')	Total/NA	Solid	5035	
880-68098-5	S-1 (4.5')	Total/NA	Solid	5035	
880-68098-6	S-2 (0-1')	Total/NA	Solid	5035	
880-68098-7	S-2 (2')	Total/NA	Solid	5035	
880-68098-8	S-2 (3')	Total/NA	Solid	5035	
880-68098-9	S-2 (4')	Total/NA	Solid	5035	
880-68098-10	S-2 (5')	Total/NA	Solid	5035	
880-68098-11	S-3 (0-1')	Total/NA	Solid	5035	
880-68098-12	S-3 (2')	Total/NA	Solid	5035	
880-68098-13	S-3 (3')	Total/NA	Solid	5035	
880-68098-14	S-3 (4')	Total/NA	Solid	5035	
880-68098-15	S-3 (4.5')	Total/NA	Solid	5035	
880-68098-16	S-4 (0-1')	Total/NA	Solid	5035	
880-68098-17	S-4 (2')	Total/NA	Solid	5035	
880-68098-18	S-4 (3')	Total/NA	Solid	5035	
880-68098-19	S-4 (4')	Total/NA	Solid	5035	
880-68098-20	S-4 (4.5')	Total/NA	Solid	5035	
MB 880-131596/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131596/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131596/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68098-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-68098-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 131601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-21	S-5 (0-1')	Total/NA	Solid	5035	
880-68098-22	S-5 (2')	Total/NA	Solid	5035	
880-68098-23	S-5 (3')	Total/NA	Solid	5035	
880-68098-24	S-5 (4')	Total/NA	Solid	5035	
880-68098-25	S-5 (4.5')	Total/NA	Solid	5035	
880-68098-26	S-6 (0-1')	Total/NA	Solid	5035	
880-68098-27	S-6 (2')	Total/NA	Solid	5035	
880-68098-28	S-6 (3')	Total/NA	Solid	5035	
880-68098-29	S-6 (4')	Total/NA	Solid	5035	
880-68098-30	S-6 (4.5')	Total/NA	Solid	5035	
880-68098-31	S-7 (0-1')	Total/NA	Solid	5035	
880-68098-32	S-7 (2')	Total/NA	Solid	5035	
880-68098-33	S-7 (3')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 131601 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-34	S-7 (4')	Total/NA	Solid	5035	
880-68098-35	S-7 (5')	Total/NA	Solid	5035	
880-68098-36	S-8 (0-1')	Total/NA	Solid	5035	
880-68098-37	S-8 (2')	Total/NA	Solid	5035	
880-68098-38	S-8 (3')	Total/NA	Solid	5035	
880-68098-39	S-8 (4')	Total/NA	Solid	5035	
880-68098-40	S-8 (5')	Total/NA	Solid	5035	
MB 880-131601/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131601/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131601/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68098-21 MS	S-5 (0-1')	Total/NA	Solid	5035	
880-68098-21 MSD	S-5 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 131638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Total/NA	Solid	8021B	131596
880-68098-2	S-1 (2')	Total/NA	Solid	8021B	131596
880-68098-3	S-1 (3')	Total/NA	Solid	8021B	131596
880-68098-4	S-1 (4')	Total/NA	Solid	8021B	131596
880-68098-5	S-1 (4.5')	Total/NA	Solid	8021B	131596
880-68098-6	S-2 (0-1')	Total/NA	Solid	8021B	131596
880-68098-7	S-2 (2')	Total/NA	Solid	8021B	131596
880-68098-8	S-2 (3')	Total/NA	Solid	8021B	131596
880-68098-9	S-2 (4')	Total/NA	Solid	8021B	131596
880-68098-10	S-2 (5')	Total/NA	Solid	8021B	131596
880-68098-11	S-3 (0-1')	Total/NA	Solid	8021B	131596
880-68098-12	S-3 (2')	Total/NA	Solid	8021B	131596
880-68098-13	S-3 (3')	Total/NA	Solid	8021B	131596
880-68098-14	S-3 (4')	Total/NA	Solid	8021B	131596
880-68098-15	S-3 (4.5')	Total/NA	Solid	8021B	131596
880-68098-16	S-4 (0-1')	Total/NA	Solid	8021B	131596
880-68098-17	S-4 (2')	Total/NA	Solid	8021B	131596
880-68098-18	S-4 (3')	Total/NA	Solid	8021B	131596
880-68098-19	S-4 (4')	Total/NA	Solid	8021B	131596
880-68098-20	S-4 (4.5')	Total/NA	Solid	8021B	131596
MB 880-131596/5-A	Method Blank	Total/NA	Solid	8021B	131596
LCS 880-131596/1-A	Lab Control Sample	Total/NA	Solid	8021B	131596
LCSD 880-131596/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131596
880-68098-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	131596
880-68098-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	131596

Analysis Batch: 131677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-2	S-1 (2')	Total/NA	Solid	Total BTEX	
880-68098-3	S-1 (3')	Total/NA	Solid	Total BTEX	
880-68098-4	S-1 (4')	Total/NA	Solid	Total BTEX	
880-68098-5	S-1 (4.5')	Total/NA	Solid	Total BTEX	
880-68098-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-7	S-2 (2')	Total/NA	Solid	Total BTEX	
880-68098-8	S-2 (3')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 131677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-9	S-2 (4')	Total/NA	Solid	Total BTEX	
880-68098-10	S-2 (5')	Total/NA	Solid	Total BTEX	
880-68098-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-12	S-3 (2')	Total/NA	Solid	Total BTEX	
880-68098-13	S-3 (3')	Total/NA	Solid	Total BTEX	
880-68098-14	S-3 (4')	Total/NA	Solid	Total BTEX	
880-68098-15	S-3 (4.5')	Total/NA	Solid	Total BTEX	
880-68098-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-17	S-4 (2')	Total/NA	Solid	Total BTEX	
880-68098-18	S-4 (3')	Total/NA	Solid	Total BTEX	
880-68098-19	S-4 (4')	Total/NA	Solid	Total BTEX	
880-68098-20	S-4 (4.5')	Total/NA	Solid	Total BTEX	
880-68098-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-22	S-5 (2')	Total/NA	Solid	Total BTEX	
880-68098-23	S-5 (3')	Total/NA	Solid	Total BTEX	
880-68098-24	S-5 (4')	Total/NA	Solid	Total BTEX	
880-68098-25	S-5 (4.5')	Total/NA	Solid	Total BTEX	
880-68098-26	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-27	S-6 (2')	Total/NA	Solid	Total BTEX	
880-68098-28	S-6 (3')	Total/NA	Solid	Total BTEX	
880-68098-29	S-6 (4')	Total/NA	Solid	Total BTEX	
880-68098-30	S-6 (4.5')	Total/NA	Solid	Total BTEX	
880-68098-31	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-32	S-7 (2')	Total/NA	Solid	Total BTEX	
880-68098-33	S-7 (3')	Total/NA	Solid	Total BTEX	
880-68098-34	S-7 (4')	Total/NA	Solid	Total BTEX	
880-68098-35	S-7 (5')	Total/NA	Solid	Total BTEX	
880-68098-36	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-37	S-8 (2')	Total/NA	Solid	Total BTEX	
880-68098-38	S-8 (3')	Total/NA	Solid	Total BTEX	
880-68098-39	S-8 (4')	Total/NA	Solid	Total BTEX	
880-68098-40	S-8 (5')	Total/NA	Solid	Total BTEX	
880-68098-41	S-9 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-42	S-9 (2')	Total/NA	Solid	Total BTEX	
880-68098-43	S-9 (3')	Total/NA	Solid	Total BTEX	
880-68098-44	S-9 (4')	Total/NA	Solid	Total BTEX	
880-68098-45	S-9 (5')	Total/NA	Solid	Total BTEX	
880-68098-46	S-10 (0-1')	Total/NA	Solid	Total BTEX	
880-68098-47	S-10 (2')	Total/NA	Solid	Total BTEX	
880-68098-48	S-10 (3')	Total/NA	Solid	Total BTEX	
880-68098-49	S-10 (4')	Total/NA	Solid	Total BTEX	
880-68098-50	S-10 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-2	S-1 (2')	Total/NA	Solid	8015NM Prep	
MB 880-131471/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131471/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-131471/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68089-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68089-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-3	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-68098-4	S-1 (4')	Total/NA	Solid	8015NM Prep	
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68095-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68095-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-5	S-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-7	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-68098-8	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-68098-9	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-68098-10	S-2 (5')	Total/NA	Solid	8015NM Prep	
880-68098-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-12	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-68098-13	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-68098-14	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-68098-15	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-17	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-68098-18	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-68098-19	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-68098-20	S-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-22	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-68098-23	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-68098-24	S-5 (4')	Total/NA	Solid	8015NM Prep	
MB 880-131489/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131489/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131489/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68098-5 MS	S-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-5 MSD	S-1 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 131490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-25	S-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-26	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-27	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-68098-28	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-68098-29	S-6 (4')	Total/NA	Solid	8015NM Prep	
880-68098-30	S-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-31	S-7 (0-1')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-32	S-7 (2')	Total/NA	Solid	8015NM Prep	
880-68098-33	S-7 (3')	Total/NA	Solid	8015NM Prep	
880-68098-34	S-7 (4')	Total/NA	Solid	8015NM Prep	
880-68098-35	S-7 (5')	Total/NA	Solid	8015NM Prep	
880-68098-36	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-37	S-8 (2')	Total/NA	Solid	8015NM Prep	
880-68098-38	S-8 (3')	Total/NA	Solid	8015NM Prep	
880-68098-39	S-8 (4')	Total/NA	Solid	8015NM Prep	
880-68098-40	S-8 (5')	Total/NA	Solid	8015NM Prep	
880-68098-41	S-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-42	S-9 (2')	Total/NA	Solid	8015NM Prep	
880-68098-43	S-9 (3')	Total/NA	Solid	8015NM Prep	
880-68098-44	S-9 (4')	Total/NA	Solid	8015NM Prep	
MB 880-131490/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131490/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131490/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68098-25 MS	S-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-68098-25 MSD	S-5 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 131495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-45	S-9 (5')	Total/NA	Solid	8015NM Prep	
880-68098-46	S-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-68098-47	S-10 (2')	Total/NA	Solid	8015NM Prep	
880-68098-48	S-10 (3')	Total/NA	Solid	8015NM Prep	
880-68098-49	S-10 (4')	Total/NA	Solid	8015NM Prep	
880-68098-50	S-10 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-131495/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131495/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68098-45 MS	S-9 (5')	Total/NA	Solid	8015NM Prep	
880-68098-45 MSD	S-9 (5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-25	S-5 (4.5')	Total/NA	Solid	8015B NM	131490
880-68098-26	S-6 (0-1')	Total/NA	Solid	8015B NM	131490
880-68098-27	S-6 (2')	Total/NA	Solid	8015B NM	131490
880-68098-28	S-6 (3')	Total/NA	Solid	8015B NM	131490
880-68098-29	S-6 (4')	Total/NA	Solid	8015B NM	131490
880-68098-30	S-6 (4.5')	Total/NA	Solid	8015B NM	131490
880-68098-31	S-7 (0-1')	Total/NA	Solid	8015B NM	131490
880-68098-32	S-7 (2')	Total/NA	Solid	8015B NM	131490
880-68098-33	S-7 (3')	Total/NA	Solid	8015B NM	131490
880-68098-34	S-7 (4')	Total/NA	Solid	8015B NM	131490
880-68098-35	S-7 (5')	Total/NA	Solid	8015B NM	131490
880-68098-36	S-8 (0-1')	Total/NA	Solid	8015B NM	131490
880-68098-37	S-8 (2')	Total/NA	Solid	8015B NM	131490
880-68098-38	S-8 (3')	Total/NA	Solid	8015B NM	131490
880-68098-39	S-8 (4')	Total/NA	Solid	8015B NM	131490
880-68098-40	S-8 (5')	Total/NA	Solid	8015B NM	131490

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131571 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-41	S-9 (0-1')	Total/NA	Solid	8015B NM	131490
880-68098-42	S-9 (2')	Total/NA	Solid	8015B NM	131490
880-68098-43	S-9 (3')	Total/NA	Solid	8015B NM	131490
880-68098-44	S-9 (4')	Total/NA	Solid	8015B NM	131490
880-68098-45	S-9 (5')	Total/NA	Solid	8015B NM	131495
880-68098-46	S-10 (0-1')	Total/NA	Solid	8015B NM	131495
880-68098-47	S-10 (2')	Total/NA	Solid	8015B NM	131495
880-68098-48	S-10 (3')	Total/NA	Solid	8015B NM	131495
880-68098-49	S-10 (4')	Total/NA	Solid	8015B NM	131495
880-68098-50	S-10 (4.5')	Total/NA	Solid	8015B NM	131495
MB 880-131490/1-A	Method Blank	Total/NA	Solid	8015B NM	131490
MB 880-131495/1-A	Method Blank	Total/NA	Solid	8015B NM	131495
LCS 880-131490/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131490
LCS 880-131495/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131495
LCSD 880-131490/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131490
LCSD 880-131495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131495
880-68098-25 MS	S-5 (4.5')	Total/NA	Solid	8015B NM	131490
880-68098-25 MSD	S-5 (4.5')	Total/NA	Solid	8015B NM	131490
880-68098-45 MS	S-9 (5')	Total/NA	Solid	8015B NM	131495
880-68098-45 MSD	S-9 (5')	Total/NA	Solid	8015B NM	131495

Analysis Batch: 131573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-3	S-1 (3')	Total/NA	Solid	8015B NM	131483
880-68098-4	S-1 (4')	Total/NA	Solid	8015B NM	131483
880-68098-5	S-1 (4.5')	Total/NA	Solid	8015B NM	131489
880-68098-6	S-2 (0-1')	Total/NA	Solid	8015B NM	131489
880-68098-7	S-2 (2')	Total/NA	Solid	8015B NM	131489
880-68098-8	S-2 (3')	Total/NA	Solid	8015B NM	131489
880-68098-9	S-2 (4')	Total/NA	Solid	8015B NM	131489
880-68098-10	S-2 (5')	Total/NA	Solid	8015B NM	131489
880-68098-11	S-3 (0-1')	Total/NA	Solid	8015B NM	131489
880-68098-12	S-3 (2')	Total/NA	Solid	8015B NM	131489
880-68098-13	S-3 (3')	Total/NA	Solid	8015B NM	131489
880-68098-14	S-3 (4')	Total/NA	Solid	8015B NM	131489
880-68098-15	S-3 (4.5')	Total/NA	Solid	8015B NM	131489
880-68098-16	S-4 (0-1')	Total/NA	Solid	8015B NM	131489
880-68098-17	S-4 (2')	Total/NA	Solid	8015B NM	131489
880-68098-18	S-4 (3')	Total/NA	Solid	8015B NM	131489
880-68098-19	S-4 (4')	Total/NA	Solid	8015B NM	131489
880-68098-20	S-4 (4.5')	Total/NA	Solid	8015B NM	131489
880-68098-21	S-5 (0-1')	Total/NA	Solid	8015B NM	131489
880-68098-22	S-5 (2')	Total/NA	Solid	8015B NM	131489
880-68098-23	S-5 (3')	Total/NA	Solid	8015B NM	131489
880-68098-24	S-5 (4')	Total/NA	Solid	8015B NM	131489
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015B NM	131483
MB 880-131489/1-A	Method Blank	Total/NA	Solid	8015B NM	131489
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131483
LCS 880-131489/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131489
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131483
LCSD 880-131489/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131489

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131573 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131483
880-68095-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131483
880-68098-5 MS	S-1 (4.5')	Total/NA	Solid	8015B NM	131489
880-68098-5 MSD	S-1 (4.5')	Total/NA	Solid	8015B NM	131489

Analysis Batch: 131667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-68098-2	S-1 (2')	Total/NA	Solid	8015 NM	
880-68098-3	S-1 (3')	Total/NA	Solid	8015 NM	
880-68098-4	S-1 (4')	Total/NA	Solid	8015 NM	
880-68098-5	S-1 (4.5')	Total/NA	Solid	8015 NM	
880-68098-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-68098-7	S-2 (2')	Total/NA	Solid	8015 NM	
880-68098-8	S-2 (3')	Total/NA	Solid	8015 NM	
880-68098-9	S-2 (4')	Total/NA	Solid	8015 NM	
880-68098-10	S-2 (5')	Total/NA	Solid	8015 NM	
880-68098-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-68098-12	S-3 (2')	Total/NA	Solid	8015 NM	
880-68098-13	S-3 (3')	Total/NA	Solid	8015 NM	
880-68098-14	S-3 (4')	Total/NA	Solid	8015 NM	
880-68098-15	S-3 (4.5')	Total/NA	Solid	8015 NM	
880-68098-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-68098-17	S-4 (2')	Total/NA	Solid	8015 NM	
880-68098-18	S-4 (3')	Total/NA	Solid	8015 NM	
880-68098-19	S-4 (4')	Total/NA	Solid	8015 NM	
880-68098-20	S-4 (4.5')	Total/NA	Solid	8015 NM	
880-68098-21	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-68098-22	S-5 (2')	Total/NA	Solid	8015 NM	
880-68098-23	S-5 (3')	Total/NA	Solid	8015 NM	
880-68098-24	S-5 (4')	Total/NA	Solid	8015 NM	
880-68098-25	S-5 (4.5')	Total/NA	Solid	8015 NM	
880-68098-26	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-68098-27	S-6 (2')	Total/NA	Solid	8015 NM	
880-68098-28	S-6 (3')	Total/NA	Solid	8015 NM	
880-68098-29	S-6 (4')	Total/NA	Solid	8015 NM	
880-68098-30	S-6 (4.5')	Total/NA	Solid	8015 NM	
880-68098-31	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-68098-32	S-7 (2')	Total/NA	Solid	8015 NM	
880-68098-33	S-7 (3')	Total/NA	Solid	8015 NM	
880-68098-34	S-7 (4')	Total/NA	Solid	8015 NM	
880-68098-35	S-7 (5')	Total/NA	Solid	8015 NM	
880-68098-36	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-68098-37	S-8 (2')	Total/NA	Solid	8015 NM	
880-68098-38	S-8 (3')	Total/NA	Solid	8015 NM	
880-68098-39	S-8 (4')	Total/NA	Solid	8015 NM	
880-68098-40	S-8 (5')	Total/NA	Solid	8015 NM	
880-68098-41	S-9 (0-1')	Total/NA	Solid	8015 NM	
880-68098-42	S-9 (2')	Total/NA	Solid	8015 NM	
880-68098-43	S-9 (3')	Total/NA	Solid	8015 NM	
880-68098-44	S-9 (4')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-45	S-9 (5')	Total/NA	Solid	8015 NM	
880-68098-46	S-10 (0-1')	Total/NA	Solid	8015 NM	
880-68098-47	S-10 (2')	Total/NA	Solid	8015 NM	
880-68098-48	S-10 (3')	Total/NA	Solid	8015 NM	
880-68098-49	S-10 (4')	Total/NA	Solid	8015 NM	
880-68098-50	S-10 (4.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 131699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Total/NA	Solid	8015B NM	131471
880-68098-2	S-1 (2')	Total/NA	Solid	8015B NM	131471
MB 880-131471/1-A	Method Blank	Total/NA	Solid	8015B NM	131471
LCS 880-131471/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131471
LCSD 880-131471/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131471
880-68089-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131471
880-68089-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131471

HPLC/IC

Leach Batch: 131534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68098-2	S-1 (2')	Soluble	Solid	DI Leach	
880-68098-3	S-1 (3')	Soluble	Solid	DI Leach	
880-68098-4	S-1 (4')	Soluble	Solid	DI Leach	
880-68098-5	S-1 (4.5')	Soluble	Solid	DI Leach	
880-68098-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68098-7	S-2 (2')	Soluble	Solid	DI Leach	
880-68098-8	S-2 (3')	Soluble	Solid	DI Leach	
880-68098-9	S-2 (4')	Soluble	Solid	DI Leach	
880-68098-10	S-2 (5')	Soluble	Solid	DI Leach	
880-68098-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68098-12	S-3 (2')	Soluble	Solid	DI Leach	
880-68098-13	S-3 (3')	Soluble	Solid	DI Leach	
880-68098-14	S-3 (4')	Soluble	Solid	DI Leach	
880-68098-15	S-3 (4.5')	Soluble	Solid	DI Leach	
880-68098-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-68098-17	S-4 (2')	Soluble	Solid	DI Leach	
880-68098-18	S-4 (3')	Soluble	Solid	DI Leach	
880-68098-19	S-4 (4')	Soluble	Solid	DI Leach	
880-68098-20	S-4 (4.5')	Soluble	Solid	DI Leach	
MB 880-131534/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131534/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131534/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68098-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68098-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68098-11 MS	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68098-11 MSD	S-3 (0-1')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 131537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-21	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68098-22	S-5 (2')	Soluble	Solid	DI Leach	
880-68098-23	S-5 (3')	Soluble	Solid	DI Leach	
880-68098-24	S-5 (4')	Soluble	Solid	DI Leach	
880-68098-25	S-5 (4.5')	Soluble	Solid	DI Leach	
880-68098-26	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68098-27	S-6 (2')	Soluble	Solid	DI Leach	
880-68098-28	S-6 (3')	Soluble	Solid	DI Leach	
880-68098-29	S-6 (4')	Soluble	Solid	DI Leach	
880-68098-30	S-6 (4.5')	Soluble	Solid	DI Leach	
880-68098-31	S-7 (0-1')	Soluble	Solid	DI Leach	
880-68098-32	S-7 (2')	Soluble	Solid	DI Leach	
880-68098-33	S-7 (3')	Soluble	Solid	DI Leach	
880-68098-34	S-7 (4')	Soluble	Solid	DI Leach	
880-68098-35	S-7 (5')	Soluble	Solid	DI Leach	
MB 880-131537/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131537/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131537/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68098-21 MS	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68098-21 MSD	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68098-31 MS	S-7 (0-1')	Soluble	Solid	DI Leach	
880-68098-31 MSD	S-7 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 131539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-36	S-8 (0-1')	Soluble	Solid	DI Leach	
880-68098-37	S-8 (2')	Soluble	Solid	DI Leach	
880-68098-38	S-8 (3')	Soluble	Solid	DI Leach	
880-68098-39	S-8 (4')	Soluble	Solid	DI Leach	
880-68098-40	S-8 (5')	Soluble	Solid	DI Leach	
880-68098-41	S-9 (0-1')	Soluble	Solid	DI Leach	
880-68098-42	S-9 (2')	Soluble	Solid	DI Leach	
880-68098-43	S-9 (3')	Soluble	Solid	DI Leach	
880-68098-44	S-9 (4')	Soluble	Solid	DI Leach	
880-68098-45	S-9 (5')	Soluble	Solid	DI Leach	
880-68098-46	S-10 (0-1')	Soluble	Solid	DI Leach	
880-68098-47	S-10 (2')	Soluble	Solid	DI Leach	
880-68098-48	S-10 (3')	Soluble	Solid	DI Leach	
880-68098-49	S-10 (4')	Soluble	Solid	DI Leach	
880-68098-50	S-10 (4.5')	Soluble	Solid	DI Leach	
MB 880-131539/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131539/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131539/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68098-36 MS	S-8 (0-1')	Soluble	Solid	DI Leach	
880-68098-36 MSD	S-8 (0-1')	Soluble	Solid	DI Leach	
880-68098-46 MS	S-10 (0-1')	Soluble	Solid	DI Leach	
880-68098-46 MSD	S-10 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 131591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-1	S-1 (0-1')	Soluble	Solid	300.0	131534

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131591 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-2	S-1 (2')	Soluble	Solid	300.0	131534
880-68098-3	S-1 (3')	Soluble	Solid	300.0	131534
880-68098-4	S-1 (4')	Soluble	Solid	300.0	131534
880-68098-5	S-1 (4.5')	Soluble	Solid	300.0	131534
880-68098-6	S-2 (0-1')	Soluble	Solid	300.0	131534
880-68098-7	S-2 (2')	Soluble	Solid	300.0	131534
880-68098-8	S-2 (3')	Soluble	Solid	300.0	131534
880-68098-9	S-2 (4')	Soluble	Solid	300.0	131534
880-68098-10	S-2 (5')	Soluble	Solid	300.0	131534
880-68098-11	S-3 (0-1')	Soluble	Solid	300.0	131534
880-68098-12	S-3 (2')	Soluble	Solid	300.0	131534
880-68098-13	S-3 (3')	Soluble	Solid	300.0	131534
880-68098-14	S-3 (4')	Soluble	Solid	300.0	131534
880-68098-15	S-3 (4.5')	Soluble	Solid	300.0	131534
880-68098-16	S-4 (0-1')	Soluble	Solid	300.0	131534
880-68098-17	S-4 (2')	Soluble	Solid	300.0	131534
880-68098-18	S-4 (3')	Soluble	Solid	300.0	131534
880-68098-19	S-4 (4')	Soluble	Solid	300.0	131534
880-68098-20	S-4 (4.5')	Soluble	Solid	300.0	131534
MB 880-131534/1-A	Method Blank	Soluble	Solid	300.0	131534
LCS 880-131534/2-A	Lab Control Sample	Soluble	Solid	300.0	131534
LCSD 880-131534/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131534
880-68098-1 MS	S-1 (0-1')	Soluble	Solid	300.0	131534
880-68098-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	131534
880-68098-11 MS	S-3 (0-1')	Soluble	Solid	300.0	131534
880-68098-11 MSD	S-3 (0-1')	Soluble	Solid	300.0	131534

Analysis Batch: 131595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-36	S-8 (0-1')	Soluble	Solid	300.0	131539
880-68098-37	S-8 (2')	Soluble	Solid	300.0	131539
880-68098-38	S-8 (3')	Soluble	Solid	300.0	131539
880-68098-39	S-8 (4')	Soluble	Solid	300.0	131539
880-68098-40	S-8 (5')	Soluble	Solid	300.0	131539
880-68098-41	S-9 (0-1')	Soluble	Solid	300.0	131539
880-68098-42	S-9 (2')	Soluble	Solid	300.0	131539
880-68098-43	S-9 (3')	Soluble	Solid	300.0	131539
880-68098-44	S-9 (4')	Soluble	Solid	300.0	131539
880-68098-45	S-9 (5')	Soluble	Solid	300.0	131539
880-68098-46	S-10 (0-1')	Soluble	Solid	300.0	131539
880-68098-47	S-10 (2')	Soluble	Solid	300.0	131539
880-68098-48	S-10 (3')	Soluble	Solid	300.0	131539
880-68098-49	S-10 (4')	Soluble	Solid	300.0	131539
880-68098-50	S-10 (4.5')	Soluble	Solid	300.0	131539
MB 880-131539/1-A	Method Blank	Soluble	Solid	300.0	131539
LCS 880-131539/2-A	Lab Control Sample	Soluble	Solid	300.0	131539
LCSD 880-131539/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131539
880-68098-36 MS	S-8 (0-1')	Soluble	Solid	300.0	131539
880-68098-36 MSD	S-8 (0-1')	Soluble	Solid	300.0	131539
880-68098-46 MS	S-10 (0-1')	Soluble	Solid	300.0	131539
880-68098-46 MSD	S-10 (0-1')	Soluble	Solid	300.0	131539

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 131598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68098-21	S-5 (0-1')	Soluble	Solid	300.0	131537
880-68098-22	S-5 (2')	Soluble	Solid	300.0	131537
880-68098-23	S-5 (3')	Soluble	Solid	300.0	131537
880-68098-24	S-5 (4')	Soluble	Solid	300.0	131537
880-68098-25	S-5 (4.5')	Soluble	Solid	300.0	131537
880-68098-26	S-6 (0-1')	Soluble	Solid	300.0	131537
880-68098-27	S-6 (2')	Soluble	Solid	300.0	131537
880-68098-28	S-6 (3')	Soluble	Solid	300.0	131537
880-68098-29	S-6 (4')	Soluble	Solid	300.0	131537
880-68098-30	S-6 (4.5')	Soluble	Solid	300.0	131537
880-68098-31	S-7 (0-1')	Soluble	Solid	300.0	131537
880-68098-32	S-7 (2')	Soluble	Solid	300.0	131537
880-68098-33	S-7 (3')	Soluble	Solid	300.0	131537
880-68098-34	S-7 (4')	Soluble	Solid	300.0	131537
880-68098-35	S-7 (5')	Soluble	Solid	300.0	131537
MB 880-131537/1-A	Method Blank	Soluble	Solid	300.0	131537
LCS 880-131537/2-A	Lab Control Sample	Soluble	Solid	300.0	131537
LCSD 880-131537/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131537
880-68098-21 MS	S-5 (0-1')	Soluble	Solid	300.0	131537
880-68098-21 MSD	S-5 (0-1')	Soluble	Solid	300.0	131537
880-68098-31 MS	S-7 (0-1')	Soluble	Solid	300.0	131537
880-68098-31 MSD	S-7 (0-1')	Soluble	Solid	300.0	131537

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 17:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 13:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131471	02/11/26 10:54	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131699	02/13/26 13:30	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 15:35	SMC	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68098-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 17:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 17:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131471	02/11/26 10:54	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131699	02/13/26 13:44	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 15:51	SMC	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68098-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 17:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 23:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 23:08	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:12	SMC	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68098-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 18:19	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68098-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			131667	02/12/26 23:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 23:21	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:17	SMC	EET MID

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68098-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 18:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 00:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 00:31	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:22	SMC	EET MID

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

Lab Sample ID: 880-68098-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 19:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 19:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 01:12	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:38	SMC	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68098-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 19:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 01:26	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (2')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-7
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	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:43	SMC	EET MID

Client Sample ID: S-2 (3')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-8
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			4.95 g	5 mL	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 19:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 01:40	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:49	SMC	EET MID

Client Sample ID: S-2 (4')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-9
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			5.03 g	5 mL	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 20:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	131573	02/13/26 01:54	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:54	SMC	EET MID

Client Sample ID: S-2 (5')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-10
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			5.05 g	5 mL	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 20:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 20:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 02:08	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 16:59	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-11
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 21:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 21:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 02:22	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:04	SMC	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68098-12
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 22:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 22:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 02:36	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:20	SMC	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68098-13
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 22:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 22:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 02:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:25	SMC	EET MID

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68098-14
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 22:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 22:57	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131667	02/13/26 03:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 03:05	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:41	SMC	EET MID

Client Sample ID: S-3 (4.5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-15
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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 23:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 23:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 03:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 03:33	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:46	SMC	EET MID

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

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-16
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			4.97 g	5 mL	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 23:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 03:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 03:47	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:51	SMC	EET MID

Client Sample ID: S-4 (2')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-17
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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/12/26 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 23:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 04:01	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (2')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-17
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			4.96 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 17:56	SMC	EET MID

Client Sample ID: S-4 (3')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-18
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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 00:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 00:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 04:16	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 18:02	SMC	EET MID

Client Sample ID: S-4 (4')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-19
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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 00:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 04:29	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 18:07	SMC	EET MID

Client Sample ID: S-4 (4.5')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-20
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	131596	02/12/26 11:28	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131638	02/13/26 01:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 01:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:43	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 04:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131534	02/11/26 14:29	SA	EET MID
Soluble	Analysis	300.0		1			131591	02/12/26 18:12	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-21
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 01:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 01:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 04:58	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 01:03	SMC	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68098-22
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 01:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 05:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 05:11	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 01:24	SMC	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68098-23
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 02:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 02:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 05:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 05:25	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 01:30	SMC	EET MID

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68098-24
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 02:35	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68098-24
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			131667	02/13/26 05:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131489	02/11/26 11:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/13/26 05:40	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		5			131598	02/13/26 01:37	SMC	EET MID

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68098-25
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 02:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 02:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 00:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 00:31	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		5			131598	02/13/26 01:44	SMC	EET MID

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

Lab Sample ID: 880-68098-26
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 03:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 01:12	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:04	SMC	EET MID

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68098-27
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 03:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 01:26	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (2')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-27
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	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:10	SMC	EET MID

Client Sample ID: S-6 (3')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-28
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 03:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 03:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:40	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 01:40	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:17	SMC	EET MID

Client Sample ID: S-6 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-29
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 04:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 04:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 01:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 01:54	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:24	SMC	EET MID

Client Sample ID: S-6 (4.5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-30
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 04:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 04:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 02:08	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:30	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68098-31
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 06:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 02:22	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:37	SMC	EET MID

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68098-32
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 06:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 02:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 02:57	SMC	EET MID

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68098-33
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 06:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 06:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 02:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 02:50	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 03:04	SMC	EET MID

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68098-34
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 07:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 07:03	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-34
Matrix: Solid

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			131667	02/13/26 03:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 03:05	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 03:24	SMC	EET MID

Client Sample ID: S-7 (5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-35
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 07:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 07:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 03:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 03:33	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131537	02/11/26 14:32	SA	EET MID
Soluble	Analysis	300.0		1			131598	02/13/26 03:31	SMC	EET MID

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

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-36
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			4.97 g	5 mL	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 07:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 07:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 03:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 03:47	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 18:54	SMC	EET MID

Client Sample ID: S-8 (2')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-37
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 08:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 08:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 04:01	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (2')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-37
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			4.99 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:10	SMC	EET MID

Client Sample ID: S-8 (3')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-38
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 08:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 08:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 04:16	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:15	SMC	EET MID

Client Sample ID: S-8 (4')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-39
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 08:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 08:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 04:29	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:20	SMC	EET MID

Client Sample ID: S-8 (5')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-40
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	131601	02/12/26 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/13/26 09:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/13/26 09:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 04:43	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:25	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68098-41
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 14:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 04:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 04:58	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:41	SMC	EET MID

Client Sample ID: S-9 (2')

Lab Sample ID: 880-68098-42
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 19:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 05:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 05:11	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:46	SMC	EET MID

Client Sample ID: S-9 (3')

Lab Sample ID: 880-68098-43
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 20:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/13/26 05:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 05:25	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:52	SMC	EET MID

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68098-44
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 20:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 20:24	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (4')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-44
Matrix: Solid

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			131667	02/13/26 05:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131490	02/11/26 11:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/13/26 05:40	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 19:57	SMC	EET MID

Client Sample ID: S-9 (5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-45
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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 20:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 20:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 09:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131495	02/11/26 11:50	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 09:10	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 20:02	SMC	EET MID

Client Sample ID: S-10 (0-1')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-46
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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 21:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 21:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 09:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131495	02/11/26 11:50	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 09:52	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 20:07	SMC	EET MID

Client Sample ID: S-10 (2')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68098-47
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			4.97 g	5 mL	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 21:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 21:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 10:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131495	02/11/26 11:50	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 10:06	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Client Sample ID: S-10 (2')

Lab Sample ID: 880-68098-47
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 20:23	SMC	EET MID

Client Sample ID: S-10 (3')

Lab Sample ID: 880-68098-48
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 21:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 21:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 10:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131495	02/11/26 11:50	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 10:20	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 20:28	SMC	EET MID

Client Sample ID: S-10 (4')

Lab Sample ID: 880-68098-49
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 22:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 10:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	131495	02/11/26 11:50	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 10:34	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 20:44	SMC	EET MID

Client Sample ID: S-10 (4.5')

Lab Sample ID: 880-68098-50
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131594	02/12/26 11:21	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131570	02/12/26 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131677	02/12/26 22:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			131667	02/12/26 10:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131495	02/11/26 11:50	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 10:47	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131539	02/11/26 14:34	SA	EET MID
Soluble	Analysis	300.0		1			131595	02/12/26 20:49	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 880-68098-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68098-1	S-1 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-2	S-1 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-3	S-1 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-4	S-1 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-5	S-1 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-6	S-2 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-7	S-2 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-8	S-2 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-9	S-2 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-10	S-2 (5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-11	S-3 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-12	S-3 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-13	S-3 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-14	S-3 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-15	S-3 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-16	S-4 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-17	S-4 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-18	S-4 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-19	S-4 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-20	S-4 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-21	S-5 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-22	S-5 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-23	S-5 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-24	S-5 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-25	S-5 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-26	S-6 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-27	S-6 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-28	S-6 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-29	S-6 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-30	S-6 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-31	S-7 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-32	S-7 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-33	S-7 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-34	S-7 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-35	S-7 (5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-36	S-8 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-37	S-8 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-38	S-8 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-39	S-8 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-40	S-8 (5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-41	S-9 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-42	S-9 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-43	S-9 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-44	S-9 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-45	S-9 (5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-46	S-10 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-47	S-10 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-48	S-10 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-49	S-10 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68098-50	S-10 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68098 Chain of Custody

2/13/2026

Page 1 of 5

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	IR5	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2	
Total Containers:		Corrected Temperature:	2.3	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-1 (0-1')	2/9/2026		X		G	1	X	X	X		
S-1 (2')	2/9/2026		X		G	1	X	X	X		
S-1 (3')	2/9/2026		X		G	1	X	X	X		
S-1 (4')	2/9/2026		X		G	1	X	X	X		
S-1 (4.5')	2/9/2026		X		G	1	X	X	X		
S-2 (0-1')	2/9/2026		X		G	1	X	X	X		
S-2 (2')	2/9/2026		X		G	1	X	X	X		
S-2 (3')	2/9/2026		X		G	1	X	X	X		
S-2 (4')	2/9/2026		X		G	1	X	X	X		
S-2 (5')	2/9/2026		X		G	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2·10·26 16:30		

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Chain of Custody

Work Order No: _____

2/13/2026

Page 2 of 5

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-3 (0-1')	2/9/2026		X		G	1		X	X	X		
S-3 (2')	2/9/2026		X		G	1		X	X	X		
S-3 (3')	2/9/2026		X		G	1		X	X	X		
S-3 (4')	2/9/2026		X		G	1		X	X	X		
S-3 (4.5')	2/9/2026		X		G	1		X	X	X		
S-4 (0-1')	2/9/2026		X		G	1		X	X	X		
S-4 (2')	2/9/2026		X		G	1		X	X	X		
S-4 (3')	2/9/2026		X		G	1		X	X	X		
S-4 (4')	2/9/2026		X		G	1		X	X	X		
S-4 (4.5')	2/9/2026		X		G	1		X	X	X		

Parameters

ANALYSIS REQUEST

Comments:

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Chain of Custody

Work Order No: _____

2/13/2026

Page 3 of 5

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-5 (0-1')	2/9/2026		X		G	1		X	X	X		
S-5 (2')	2/9/2026		X		G	1		X	X	X		
S-5 (3')	2/9/2026		X		G	1		X	X	X		
S-5 (4')	2/9/2026		X		G	1		X	X	X		
S-5 (4.5')	2/9/2026		X		G	1		X	X	X		
S-6 (0-1')	2/9/2026		X		G	1		X	X	X		
S-6 (2')	2/9/2026		X		G	1		X	X	X		
S-6 (3')	2/9/2026		X		G	1		X	X	X		
S-6 (4')	2/9/2026		X		G	1		X	X	X		
S-6 (4.5')	2/9/2026		X		G	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68098-1
SDG Number: Lea County New Mexico

Login Number: 68098
List Number: 1
Creator: Neeld, Linsey

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

880-68093-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

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

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 880-68093-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high 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: Lea Unit #008

Job ID: 880-68093-1

Job ID: 880-68093-1 Eurofins Midland

Job Narrative
880-68093-1

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

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

Receipt
The samples were received on 2/10/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131501 and analytical batch 880-131565 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 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (6') (880-68093-1), S-2 (7') (880-68093-2) and S-2 (8') (880-68093-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131483/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131483/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131473 and analytical batch 880-131571 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 8015B NM: Surrogate recovery for the following samples were outside control limits: S-2 (6') (880-68093-1) and S-2 (7') (880-68093-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-131471 and analytical batch 880-131699 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131471/2-A). 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 300.0 - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-131477 and analytical batch 880-131593 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 880-68093-1

Job ID: 880-68093-1 (Continued) Eurofins Midland

The associated samples are: S-2 (6') (880-68093-1), S-2 (7') (880-68093-2), S-2 (8') (880-68093-3), S-2 (9') (880-68093-4), S-2 (10') (880-68093-5), (880-68089-A-31-B) and (880-68089-A-31-D MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (6')

Lab Sample ID: 880-68093-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 17:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 17:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 17:07	1
m-Xylene & p-Xylene	**0.0295**		0.00401		mg/Kg		02/11/26 12:25	02/12/26 17:07	1
o-Xylene	**0.0484**		0.00200		mg/Kg		02/11/26 12:25	02/12/26 17:07	1
Xylenes, Total	**0.0779**		0.00401		mg/Kg		02/11/26 12:25	02/12/26 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*202*	*S1+*	*70 - 130*	*02/11/26 12:25*	*02/12/26 17:07*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*02/11/26 12:25*	*02/12/26 17:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0779**		0.00401		mg/Kg			02/12/26 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2850**		49.7		mg/Kg			02/12/26 22:40	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		02/11/26 11:39	02/12/26 22:40	1
Diesel Range Organics (Over C10-C28)	**2480**		49.7		mg/Kg		02/11/26 11:39	02/12/26 22:40	1
Oil Range Organics (Over C28-C36)	**373**		49.7		mg/Kg		02/11/26 11:39	02/12/26 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*02/11/26 11:39*	*02/12/26 22:40*	*1*
o-Terphenyl (Surr)	*151*	*S1+*	*70 - 130*	*02/11/26 11:39*	*02/12/26 22:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		10.1		mg/Kg			02/12/26 19:49	1

Client Sample ID: S-2 (7')

Lab Sample ID: 880-68093-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 17:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 17:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 17:27	1
m-Xylene & p-Xylene	**0.0252**		0.00398		mg/Kg		02/11/26 12:25	02/12/26 17:27	1
o-Xylene	**0.00383**		0.00199		mg/Kg		02/11/26 12:25	02/12/26 17:27	1
Xylenes, Total	**0.0290**		0.00398		mg/Kg		02/11/26 12:25	02/12/26 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*224*	*S1+*	*70 - 130*	*02/11/26 12:25*	*02/12/26 17:27*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/11/26 12:25*	*02/12/26 17:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (7')

Lab Sample ID: 880-68093-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0290**		0.00398		mg/Kg			02/12/26 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4400**		50.3		mg/Kg			02/12/26 22:54	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	<50.3	U	50.3		mg/Kg		02/11/26 11:39	02/12/26 22:54	1
Diesel Range Organics (Over C10-C28)	**3940**		50.3		mg/Kg		02/11/26 11:39	02/12/26 22:54	1
Oil Range Organics (Over C28-C36)	**464**		50.3		mg/Kg		02/11/26 11:39	02/12/26 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*02/11/26 11:39*	*02/12/26 22:54*	*1*
o-Terphenyl (Surr)	*176*	*S1+*	*70 - 130*	*02/11/26 11:39*	*02/12/26 22:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		9.94		mg/Kg			02/12/26 19:56	1

Client Sample ID: S-2 (8')

Lab Sample ID: 880-68093-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 20:14	1
Toluene	**0.00350**		0.00198		mg/Kg		02/11/26 12:25	02/12/26 20:14	1
Ethylbenzene	**0.0119**		0.00198		mg/Kg		02/11/26 12:25	02/12/26 20:14	1
m-Xylene & p-Xylene	**0.0187**		0.00396		mg/Kg		02/11/26 12:25	02/12/26 20:14	1
o-Xylene	**0.0514**		0.00198		mg/Kg		02/11/26 12:25	02/12/26 20:14	1
Xylenes, Total	**0.0701**		0.00396		mg/Kg		02/11/26 12:25	02/12/26 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*02/11/26 12:25*	*02/12/26 20:14*	*1*
1,4-Difluorobenzene (Surr)	*51*	*S1-*	*70 - 130*	*02/11/26 12:25*	*02/12/26 20:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0855**		0.00396		mg/Kg			02/12/26 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	<49.6	U	49.6		mg/Kg			02/13/26 13:59	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 *1	49.6		mg/Kg		02/11/26 10:54	02/13/26 13:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (8')

Lab Sample ID: 880-68093-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 13:59	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:59*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		9.92		mg/Kg			02/12/26 20:02	1

Client Sample ID: S-2 (9')

Lab Sample ID: 880-68093-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 20:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 20:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 20:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/26 12:25	02/12/26 20:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 20:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/26 12:25	02/12/26 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/11/26 12:25*	*02/12/26 20:34*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/11/26 12:25*	*02/12/26 20:34*	*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			02/12/26 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.9**		50.1		mg/Kg			02/13/26 14:14	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 *1	50.1		mg/Kg		02/11/26 10:54	02/13/26 14:14	1
Diesel Range Organics (Over C10-C28)	**54.9**		50.1		mg/Kg		02/11/26 10:54	02/13/26 14:14	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:54	02/13/26 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/11/26 10:54*	*02/13/26 14:14*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*02/11/26 10:54*	*02/13/26 14:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		9.98		mg/Kg			02/12/26 20:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (10')

Lab Sample ID: 880-68093-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 20:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 20:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 20:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 20:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 20:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*02/11/26 12:25*	*02/12/26 20:55*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/11/26 12:25*	*02/12/26 20:55*	*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			02/12/26 20:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**249**		50.0		mg/Kg			02/13/26 14:29	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 *1	50.0		mg/Kg		02/11/26 10:54	02/13/26 14:29	1
Diesel Range Organics (Over C10-C28)	**249**		50.0		mg/Kg		02/11/26 10:54	02/13/26 14:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:54	02/13/26 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*02/11/26 10:54*	*02/13/26 14:29*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/11/26 10:54*	*02/13/26 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**216**		9.92		mg/Kg			02/12/26 20:16	1

Client Sample ID: S-2 (11')

Lab Sample ID: 880-68093-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 21:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 21:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 21:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 12:25	02/12/26 21:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 21:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 12:25	02/12/26 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/11/26 12:25*	*02/12/26 21:15*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/11/26 12:25*	*02/12/26 21:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (11')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68093-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**334**		49.9		mg/Kg			02/12/26 18:11	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		02/11/26 10:58	02/12/26 18:11	1
Diesel Range Organics (Over C10-C28)	**334**	**F1**	49.9		mg/Kg		02/11/26 10:58	02/12/26 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:58	02/12/26 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*02/11/26 10:58*	*02/12/26 18:11*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*02/11/26 10:58*	*02/12/26 18:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**164**		10.1		mg/Kg			02/12/26 21:31	1

Client Sample ID: S-2 (12')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68093-7
Matrix: Solid

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		02/11/26 12:25	02/12/26 21:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 21:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 21:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 12:25	02/12/26 21:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 21:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 12:25	02/12/26 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/11/26 12:25*	*02/12/26 21:36*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/11/26 12:25*	*02/12/26 21:36*	*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			02/12/26 21:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/12/26 18:53	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	<50.3	U	50.3		mg/Kg		02/11/26 10:58	02/12/26 18:53	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:58	02/12/26 18:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (12')

Lab Sample ID: 880-68093-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<50.3	U	50.3		mg/Kg		02/11/26 10:58	02/12/26 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/11/26 10:58*	*02/12/26 18:53*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*02/11/26 10:58*	*02/12/26 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**212**		10.1		mg/Kg			02/12/26 21:47	1

Client Sample ID: S-2 (13')

Lab Sample ID: 880-68093-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 21:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 21:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 21:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 12:25	02/12/26 21:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 21:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 12:25	02/12/26 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/11/26 12:25*	*02/12/26 21:56*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/11/26 12:25*	*02/12/26 21:56*	*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			02/12/26 21:56	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			02/12/26 19:07	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		02/11/26 10:58	02/12/26 19:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:58	02/12/26 19:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:58	02/12/26 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:07*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**211**		10.1		mg/Kg			02/12/26 21:52	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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)
880-68093-1	S-2 (6')	202 S1+	106
880-68093-2	S-2 (7')	224 S1+	101
880-68093-3	S-2 (8')	78	51 S1-
880-68093-4	S-2 (9')	102	105
880-68093-5	S-2 (10')	100	118
880-68093-6	S-2 (11')	98	98
880-68093-7	S-2 (12')	101	101
880-68093-8	S-2 (13')	109	100
880-68095-A-1-E MS	Matrix Spike	102	94
880-68095-A-1-F MSD	Matrix Spike Duplicate	91	94
LCS 880-131501/1-A	Lab Control Sample	98	101
LCSD 880-131501/2-A	Lab Control Sample Dup	97	97
MB 880-131501/5-A	Method Blank	95	99

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)
880-68089-A-21-B MS	Matrix Spike	99	106
880-68089-A-21-C MSD	Matrix Spike Duplicate	125	104
880-68093-1	S-2 (6')	94	151 S1+
880-68093-2	S-2 (7')	94	176 S1+
880-68093-3	S-2 (8')	109	113
880-68093-4	S-2 (9')	101	107
880-68093-5	S-2 (10')	103	113
880-68093-6	S-2 (11')	107	129
880-68093-6 MS	S-2 (11')	118	122
880-68093-6 MSD	S-2 (11')	117	123
880-68093-7	S-2 (12')	101	115
880-68093-8	S-2 (13')	104	119
880-68095-A-1-C MS	Matrix Spike	115	112
880-68095-A-1-D MSD	Matrix Spike Duplicate	116	112
LCS 880-131471/2-A	Lab Control Sample	134 S1+	118
LCS 880-131473/2-A	Lab Control Sample	125	120
LCS 880-131483/2-A	Lab Control Sample	150 S1+	136 S1+
LCSD 880-131471/3-A	Lab Control Sample Dup	110	101
LCSD 880-131473/3-A	Lab Control Sample Dup	128	123
LCSD 880-131483/3-A	Lab Control Sample Dup	145 S1+	128
MB 880-131471/1-A	Method Blank	122	126
MB 880-131473/1-A	Method Blank	88	102
MB 880-131483/1-A	Method Blank	82	89

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131501/5-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*

Lab Sample ID: LCS 880-131501/1-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131501

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08420		mg/Kg		84	70 - 130		
Toluene			0.100	0.07902		mg/Kg		79	70 - 130		
Ethylbenzene			0.100	0.08469		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene			0.200	0.1688		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.08530		mg/Kg		85	70 - 130		

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

Lab Sample ID: LCSD 880-131501/2-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131501

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08080		mg/Kg		81	70 - 130	4	35
Toluene			0.100	0.07714		mg/Kg		77	70 - 130	2	35
Ethylbenzene			0.100	0.08289		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1652		mg/Kg		83	70 - 130	2	35
o-Xylene			0.100	0.08351		mg/Kg		84	70 - 130	2	35

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

Lab Sample ID: 880-68095-A-1-E MS
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00208	F1	0.100	0.06518	F1	mg/Kg		63	70 - 130		
Toluene	0.00242	F1	0.100	0.06838	F1	mg/Kg		66	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68095-A-1-E MS
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00553		0.100	0.08297		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.0109		0.200	0.1723		mg/Kg		81	70 - 130
o-Xylene	0.00381		0.100	0.08649		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-68095-A-1-F MSD
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00208	F1	0.100	0.06352	F1	mg/Kg		61	70 - 130	3	35
Toluene	0.00242	F1	0.100	0.06612	F1	mg/Kg		64	70 - 130	3	35
Ethylbenzene	0.00553		0.100	0.07912		mg/Kg		74	70 - 130	5	35
m-Xylene & p-Xylene	0.0109		0.200	0.1630		mg/Kg		76	70 - 130	6	35
o-Xylene	0.00381		0.100	0.08138		mg/Kg		78	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

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

Lab Sample ID: MB 880-131471/1-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131471

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		02/11/26 10:54	02/13/26 06:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:54	02/13/26 06:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:54	02/13/26 06:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*02/11/26 10:54*	*02/13/26 06:56*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*02/11/26 10:54*	*02/13/26 06:56*	*1*

Lab Sample ID: LCS 880-131471/2-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	979.2		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131471/2-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131471

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-131471/3-A
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131471

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	802.1	*1	mg/Kg		80	70 - 130	22	20
Diesel Range Organics (Over C10-C28)			1000	841.8		mg/Kg		84	70 - 130	15	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 880-68089-A-21-B MS
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131471

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *1	1010	1040		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	929.8		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 880-68089-A-21-C MSD
Matrix: Solid
Analysis Batch: 131699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131471

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	<50.1	U *1	1010	1030		mg/Kg		102	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	880.0		mg/Kg		86	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	125		70 - 130
o-Terphenyl (Surr)	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-131473/1-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131473

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		02/11/26 10:58	02/12/26 14:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:58	02/12/26 14:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:58	02/12/26 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/11/26 10:58*	*02/12/26 14:46*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*02/11/26 10:58*	*02/12/26 14:46*	*1*

Lab Sample ID: LCS 880-131473/2-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	938.7		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	841.0		mg/Kg		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: LCSD 880-131473/3-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131473

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	940.5		mg/Kg		94	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	864.8		mg/Kg		86	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*128*		*70 - 130*
o-Terphenyl (Surr)	*123*		*70 - 130*

Lab Sample ID: 880-68093-6 MS
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-2 (11')
Prep Type: Total/NA
Prep Batch: 131473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	956.3		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	334	F1	998	1004	F1	mg/Kg		67	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68093-6 MS
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-2 (11')
Prep Type: Total/NA
Prep Batch: 131473

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 880-68093-6 MSD
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: S-2 (11')
Prep Type: Total/NA
Prep Batch: 131473

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	<49.9	U	998	944.1		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	334	F1	998	1016	F1	mg/Kg		68	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: MB 880-131483/1-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131483

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		02/11/26 11:39	02/12/26 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	02/11/26 11:39	02/12/26 16:16	1
o-Terphenyl (Surr)	89		70 - 130	02/11/26 11:39	02/12/26 16:16	1

Lab Sample ID: LCS 880-131483/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	987.6		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1214		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131483/3-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1162		mg/Kg		116	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*145*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*128*		*70 - 130*

Lab Sample ID: 880-68095-A-1-C MS
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1037		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	267		998	1147		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-68095-A-1-D MSD
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131483

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	<49.9	U	998	991.1		mg/Kg		99	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	267		998	1172		mg/Kg		91	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131477/1-A
Matrix: Solid
Analysis Batch: 131593

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			02/12/26 16:55	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-131477/2-A
Matrix: Solid
Analysis Batch: 131593

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	239.3		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-131477/3-A
Matrix: Solid
Analysis Batch: 131593

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	239.3		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-68089-A-31-C MS
Matrix: Solid
Analysis Batch: 131593

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	12.8	F1	251	289.8		mg/Kg		110	90 - 110		

Lab Sample ID: 880-68089-A-31-D MSD
Matrix: Solid
Analysis Batch: 131593

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.8	F1	251	291.2	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: MB 880-131478/1-A
Matrix: Solid
Analysis Batch: 131639

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			02/12/26 21:15	1

Lab Sample ID: LCS 880-131478/2-A
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.6		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-131478/3-A
Matrix: Solid
Analysis Batch: 131639

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	232.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68093-6 MS
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: S-2 (11')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	164		252	415.0		mg/Kg		100	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68093-6 MSD
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: S-2 (11')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	164		252	416.4		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 131501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Total/NA	Solid	5035	
880-68093-2	S-2 (7')	Total/NA	Solid	5035	
880-68093-3	S-2 (8')	Total/NA	Solid	5035	
880-68093-4	S-2 (9')	Total/NA	Solid	5035	
880-68093-5	S-2 (10')	Total/NA	Solid	5035	
880-68093-6	S-2 (11')	Total/NA	Solid	5035	
880-68093-7	S-2 (12')	Total/NA	Solid	5035	
880-68093-8	S-2 (13')	Total/NA	Solid	5035	
MB 880-131501/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131501/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131501/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68095-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68095-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Total/NA	Solid	8021B	131501
880-68093-2	S-2 (7')	Total/NA	Solid	8021B	131501
880-68093-3	S-2 (8')	Total/NA	Solid	8021B	131501
880-68093-4	S-2 (9')	Total/NA	Solid	8021B	131501
880-68093-5	S-2 (10')	Total/NA	Solid	8021B	131501
880-68093-6	S-2 (11')	Total/NA	Solid	8021B	131501
880-68093-7	S-2 (12')	Total/NA	Solid	8021B	131501
880-68093-8	S-2 (13')	Total/NA	Solid	8021B	131501
MB 880-131501/5-A	Method Blank	Total/NA	Solid	8021B	131501
LCS 880-131501/1-A	Lab Control Sample	Total/NA	Solid	8021B	131501
LCSD 880-131501/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131501
880-68095-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	131501
880-68095-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131501

Analysis Batch: 131683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Total/NA	Solid	Total BTEX	
880-68093-2	S-2 (7')	Total/NA	Solid	Total BTEX	
880-68093-3	S-2 (8')	Total/NA	Solid	Total BTEX	
880-68093-4	S-2 (9')	Total/NA	Solid	Total BTEX	
880-68093-5	S-2 (10')	Total/NA	Solid	Total BTEX	
880-68093-6	S-2 (11')	Total/NA	Solid	Total BTEX	
880-68093-7	S-2 (12')	Total/NA	Solid	Total BTEX	
880-68093-8	S-2 (13')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-3	S-2 (8')	Total/NA	Solid	8015NM Prep	
880-68093-4	S-2 (9')	Total/NA	Solid	8015NM Prep	
880-68093-5	S-2 (10')	Total/NA	Solid	8015NM Prep	
MB 880-131471/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131471/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131471/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68089-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-6	S-2 (11')	Total/NA	Solid	8015NM Prep	
880-68093-7	S-2 (12')	Total/NA	Solid	8015NM Prep	
880-68093-8	S-2 (13')	Total/NA	Solid	8015NM Prep	
MB 880-131473/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131473/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131473/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68093-6 MS	S-2 (11')	Total/NA	Solid	8015NM Prep	
880-68093-6 MSD	S-2 (11')	Total/NA	Solid	8015NM Prep	

Prep Batch: 131483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Total/NA	Solid	8015NM Prep	
880-68093-2	S-2 (7')	Total/NA	Solid	8015NM Prep	
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68095-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68095-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-6	S-2 (11')	Total/NA	Solid	8015B NM	131473
880-68093-7	S-2 (12')	Total/NA	Solid	8015B NM	131473
880-68093-8	S-2 (13')	Total/NA	Solid	8015B NM	131473
MB 880-131473/1-A	Method Blank	Total/NA	Solid	8015B NM	131473
LCS 880-131473/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131473
LCSD 880-131473/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131473
880-68093-6 MS	S-2 (11')	Total/NA	Solid	8015B NM	131473
880-68093-6 MSD	S-2 (11')	Total/NA	Solid	8015B NM	131473

Analysis Batch: 131573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Total/NA	Solid	8015B NM	131483
880-68093-2	S-2 (7')	Total/NA	Solid	8015B NM	131483
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015B NM	131483
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131483
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131483
880-68095-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131483
880-68095-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131483

Analysis Batch: 131699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-3	S-2 (8')	Total/NA	Solid	8015B NM	131471
880-68093-4	S-2 (9')	Total/NA	Solid	8015B NM	131471
880-68093-5	S-2 (10')	Total/NA	Solid	8015B NM	131471
MB 880-131471/1-A	Method Blank	Total/NA	Solid	8015B NM	131471

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-131471/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131471
LCSD 880-131471/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131471
880-68089-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131471
880-68089-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131471

Analysis Batch: 131729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Total/NA	Solid	8015 NM	
880-68093-2	S-2 (7')	Total/NA	Solid	8015 NM	
880-68093-3	S-2 (8')	Total/NA	Solid	8015 NM	
880-68093-4	S-2 (9')	Total/NA	Solid	8015 NM	
880-68093-5	S-2 (10')	Total/NA	Solid	8015 NM	
880-68093-6	S-2 (11')	Total/NA	Solid	8015 NM	
880-68093-7	S-2 (12')	Total/NA	Solid	8015 NM	
880-68093-8	S-2 (13')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Soluble	Solid	DI Leach	
880-68093-2	S-2 (7')	Soluble	Solid	DI Leach	
880-68093-3	S-2 (8')	Soluble	Solid	DI Leach	
880-68093-4	S-2 (9')	Soluble	Solid	DI Leach	
880-68093-5	S-2 (10')	Soluble	Solid	DI Leach	
MB 880-131477/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131477/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131477/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68089-A-31-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68089-A-31-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 131478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-6	S-2 (11')	Soluble	Solid	DI Leach	
880-68093-7	S-2 (12')	Soluble	Solid	DI Leach	
880-68093-8	S-2 (13')	Soluble	Solid	DI Leach	
MB 880-131478/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68093-6 MS	S-2 (11')	Soluble	Solid	DI Leach	
880-68093-6 MSD	S-2 (11')	Soluble	Solid	DI Leach	

Analysis Batch: 131593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-1	S-2 (6')	Soluble	Solid	300.0	131477
880-68093-2	S-2 (7')	Soluble	Solid	300.0	131477
880-68093-3	S-2 (8')	Soluble	Solid	300.0	131477
880-68093-4	S-2 (9')	Soluble	Solid	300.0	131477
880-68093-5	S-2 (10')	Soluble	Solid	300.0	131477
MB 880-131477/1-A	Method Blank	Soluble	Solid	300.0	131477
LCS 880-131477/2-A	Lab Control Sample	Soluble	Solid	300.0	131477

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131593 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-131477/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131477
880-68089-A-31-C MS	Matrix Spike	Soluble	Solid	300.0	131477
880-68089-A-31-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131477

Analysis Batch: 131639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68093-6	S-2 (11')	Soluble	Solid	300.0	131478
880-68093-7	S-2 (12')	Soluble	Solid	300.0	131478
880-68093-8	S-2 (13')	Soluble	Solid	300.0	131478
MB 880-131478/1-A	Method Blank	Soluble	Solid	300.0	131478
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	300.0	131478
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131478
880-68093-6 MS	S-2 (11')	Soluble	Solid	300.0	131478
880-68093-6 MSD	S-2 (11')	Soluble	Solid	300.0	131478

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (6')

Lab Sample ID: 880-68093-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/12/26 22:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 22:40	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 19:49	SMC	EET MID

Client Sample ID: S-2 (7')

Lab Sample ID: 880-68093-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 17:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/12/26 22:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 22:54	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 19:56	SMC	EET MID

Client Sample ID: S-2 (8')

Lab Sample ID: 880-68093-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 20:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 20:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/13/26 13:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131471	02/11/26 10:54	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131699	02/13/26 13:59	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 20:02	SMC	EET MID

Client Sample ID: S-2 (9')

Lab Sample ID: 880-68093-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 20:34	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (9')

Lab Sample ID: 880-68093-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			131729	02/13/26 14:14	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131471	02/11/26 10:54	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131699	02/13/26 14:14	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 20:09	SMC	EET MID

Client Sample ID: S-2 (10')

Lab Sample ID: 880-68093-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 20:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 20:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/13/26 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131471	02/11/26 10:54	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131699	02/13/26 14:29	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 20:16	SMC	EET MID

Client Sample ID: S-2 (11')

Lab Sample ID: 880-68093-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 21:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 21:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/12/26 18:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131473	02/11/26 10:58	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 18:11	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 21:31	SMC	EET MID

Client Sample ID: S-2 (12')

Lab Sample ID: 880-68093-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 21:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 21:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/12/26 18:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131473	02/11/26 10:58	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 18:53	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (12')

Lab Sample ID: 880-68093-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 21:47	SMC	EET MID

Client Sample ID: S-2 (13')

Lab Sample ID: 880-68093-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 21:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131683	02/12/26 21:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			131729	02/12/26 19:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131473	02/11/26 10:58	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 19:07	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 21:52	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 880-68093-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68093-1	S-2 (6')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-2	S-2 (7')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-3	S-2 (8')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-4	S-2 (9')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-5	S-2 (10')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-6	S-2 (11')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-7	S-2 (12')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68093-8	S-2 (13')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68093 Chain of Custody

2/13/2026

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-2 (6')	2/9/2026		X		G	1	X	X	X		
S-2 (7')	2/9/2026		X		G	1	X	X	X		
S-2 (8')	2/9/2026		X		G	1	X	X	X		
S-2 (9')	2/9/2026		X		G	1	X	X	X		
S-2 (10')	2/9/2026		X		G	1	X	X	X		
S-2 (11')	2/9/2026		X		G	1	X	X	X		
S-2 (12')	2/9/2026		X		G	1	X	X	X		
S-2 (13')	2/9/2026		X		G	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.10.26 16:30		2.10.26 16:30

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Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68093-1
SDG Number: Lea County New Mexico

Login Number: 68093
List Number: 1
Creator: Neeld, Linsey

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2026 1:18:13 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

880-68094-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

my EOL

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
2/13/2026 1:18:13 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 880-68094-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 880-68094-1

Job ID: 880-68094-1 Eurofins Midland

Job Narrative
880-68094-1

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

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

Receipt
The samples were received on 2/10/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131501 and analytical batch 880-131565 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 8021B: Surrogate recovery for the following sample was outside control limits: S-7 (6') (880-68094-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S-7 (6') (880-68094-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131473 and analytical batch 880-131571 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (6')

Lab Sample ID: 880-68094-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 15:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 15:03	1
Ethylbenzene	**0.00280**		0.00198		mg/Kg		02/11/26 12:25	02/12/26 15:03	1
m-Xylene & p-Xylene	**0.0580**		0.00396		mg/Kg		02/11/26 12:25	02/12/26 15:03	1
o-Xylene	**0.0779**		0.00198		mg/Kg		02/11/26 12:25	02/12/26 15:03	1
Xylenes, Total	**0.136**		0.00396		mg/Kg		02/11/26 12:25	02/12/26 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*02/11/26 12:25*	*02/12/26 15:03*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/11/26 12:25*	*02/12/26 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.139**		0.00396		mg/Kg			02/12/26 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1760**		50.0		mg/Kg			02/12/26 19:22	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		02/11/26 10:58	02/12/26 19:22	1
Diesel Range Organics (Over C10-C28)	**1590**		50.0		mg/Kg		02/11/26 10:58	02/12/26 19:22	1
Oil Range Organics (Over C28-C36)	**167**		50.0		mg/Kg		02/11/26 10:58	02/12/26 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:22*	*1*
o-Terphenyl (Surr)	*156*	*S1+*	*70 - 130*	*02/11/26 10:58*	*02/12/26 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.8**		10.0		mg/Kg			02/12/26 21:57	1

Client Sample ID: S-7 (7')

Lab Sample ID: 880-68094-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 16:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 16:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 16:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 16:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 16:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*02/11/26 12:25*	*02/12/26 16:26*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/11/26 12:25*	*02/12/26 16:26*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (7')

Lab Sample ID: 880-68094-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/12/26 16:26	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			02/12/26 19:35	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	<49.6	U	49.6		mg/Kg		02/11/26 10:58	02/12/26 19:35	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:58	02/12/26 19:35	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:58	02/12/26 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:35*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.7**		10.1		mg/Kg			02/12/26 22:02	1

Client Sample ID: S-7 (8')

Lab Sample ID: 880-68094-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 16:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 16:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 16:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 16:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 16:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/11/26 12:25*	*02/12/26 16:46*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/11/26 12:25*	*02/12/26 16:46*	*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			02/12/26 16:46	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			02/12/26 19:49	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	<49.7	U	49.7		mg/Kg		02/11/26 10:58	02/12/26 19:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:58	02/12/26 19:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (8')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68094-3

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)	<49.7	U	49.7		mg/Kg		02/11/26 10:58	02/12/26 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:49*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/11/26 10:58*	*02/12/26 19:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.5**		10.1		mg/Kg			02/12/26 22:18	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-68094-1	S-7 (6')	146 S1+	96
880-68094-2	S-7 (7')	112	102
880-68094-3	S-7 (8')	105	102
880-68095-A-1-E MS	Matrix Spike	102	94
880-68095-A-1-F MSD	Matrix Spike Duplicate	91	94
LCS 880-131501/1-A	Lab Control Sample	98	101
LCSD 880-131501/2-A	Lab Control Sample Dup	97	97
MB 880-131501/5-A	Method Blank	95	99

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-68093-A-6-B MS	Matrix Spike	118	122
880-68093-A-6-C MSD	Matrix Spike Duplicate	117	123
880-68094-1	S-7 (6')	108	156 S1+
880-68094-2	S-7 (7')	105	121
880-68094-3	S-7 (8')	110	123
LCS 880-131473/2-A	Lab Control Sample	125	120
LCSD 880-131473/3-A	Lab Control Sample Dup	128	123
MB 880-131473/1-A	Method Blank	88	102

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131501/5-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*

Lab Sample ID: LCS 880-131501/1-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131501

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08420		mg/Kg		84	70 - 130		
Toluene			0.100	0.07902		mg/Kg		79	70 - 130		
Ethylbenzene			0.100	0.08469		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene			0.200	0.1688		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.08530		mg/Kg		85	70 - 130		

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

Lab Sample ID: LCSD 880-131501/2-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131501

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08080		mg/Kg		81	70 - 130	4	35
Toluene			0.100	0.07714		mg/Kg		77	70 - 130	2	35
Ethylbenzene			0.100	0.08289		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1652		mg/Kg		83	70 - 130	2	35
o-Xylene			0.100	0.08351		mg/Kg		84	70 - 130	2	35

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

Lab Sample ID: 880-68095-A-1-E MS
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00208	F1	0.100	0.06518	F1	mg/Kg		63	70 - 130		
Toluene	0.00242	F1	0.100	0.06838	F1	mg/Kg		66	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68095-A-1-E MS
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00553		0.100	0.08297		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.0109		0.200	0.1723		mg/Kg		81	70 - 130
o-Xylene	0.00381		0.100	0.08649		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-68095-A-1-F MSD
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00208	F1	0.100	0.06352	F1	mg/Kg		61	70 - 130	3	35
Toluene	0.00242	F1	0.100	0.06612	F1	mg/Kg		64	70 - 130	3	35
Ethylbenzene	0.00553		0.100	0.07912		mg/Kg		74	70 - 130	5	35
m-Xylene & p-Xylene	0.0109		0.200	0.1630		mg/Kg		76	70 - 130	6	35
o-Xylene	0.00381		0.100	0.08138		mg/Kg		78	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

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

Lab Sample ID: MB 880-131473/1-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131473

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		02/11/26 10:58	02/12/26 14:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:58	02/12/26 14:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:58	02/12/26 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/11/26 10:58*	*02/12/26 14:46*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*02/11/26 10:58*	*02/12/26 14:46*	*1*

Lab Sample ID: LCS 880-131473/2-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131473

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	938.7		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	841.0		mg/Kg		84	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131473/2-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131473

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	125		70 - 130
o-Terphenyl (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-131473/3-A
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131473

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	940.5		mg/Kg		94	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	864.8		mg/Kg		86	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: 880-68093-A-6-B MS
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	956.3		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	334	F1	998	1004	F1	mg/Kg		67	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 880-68093-A-6-C MSD
Matrix: Solid
Analysis Batch: 131571

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131473

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	<49.9	U	998	944.1		mg/Kg		95	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	334	F1	998	1016	F1	mg/Kg		68	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	123		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131478/1-A
Matrix: Solid
Analysis Batch: 131639

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			02/12/26 21:15	1

Lab Sample ID: LCS 880-131478/2-A
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.6		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-131478/3-A
Matrix: Solid
Analysis Batch: 131639

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	232.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68093-A-6-E MS
Matrix: Solid
Analysis Batch: 131639

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	164		252	415.0		mg/Kg		100	90 - 110		

Lab Sample ID: 880-68093-A-6-F MSD
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	164		252	416.4		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 131501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Total/NA	Solid	5035	
880-68094-2	S-7 (7')	Total/NA	Solid	5035	
880-68094-3	S-7 (8')	Total/NA	Solid	5035	
MB 880-131501/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131501/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131501/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68095-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-68095-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Total/NA	Solid	8021B	131501
880-68094-2	S-7 (7')	Total/NA	Solid	8021B	131501
880-68094-3	S-7 (8')	Total/NA	Solid	8021B	131501
MB 880-131501/5-A	Method Blank	Total/NA	Solid	8021B	131501
LCS 880-131501/1-A	Lab Control Sample	Total/NA	Solid	8021B	131501
LCSD 880-131501/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131501
880-68095-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	131501
880-68095-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131501

Analysis Batch: 131682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Total/NA	Solid	Total BTEX	
880-68094-2	S-7 (7')	Total/NA	Solid	Total BTEX	
880-68094-3	S-7 (8')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Total/NA	Solid	8015NM Prep	
880-68094-2	S-7 (7')	Total/NA	Solid	8015NM Prep	
880-68094-3	S-7 (8')	Total/NA	Solid	8015NM Prep	
MB 880-131473/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131473/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131473/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68093-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68093-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Total/NA	Solid	8015B NM	131473
880-68094-2	S-7 (7')	Total/NA	Solid	8015B NM	131473
880-68094-3	S-7 (8')	Total/NA	Solid	8015B NM	131473
MB 880-131473/1-A	Method Blank	Total/NA	Solid	8015B NM	131473
LCS 880-131473/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131473
LCSD 880-131473/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131473
880-68093-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131473
880-68093-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131473

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 131730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Total/NA	Solid	8015 NM	
880-68094-2	S-7 (7')	Total/NA	Solid	8015 NM	
880-68094-3	S-7 (8')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Soluble	Solid	DI Leach	
880-68094-2	S-7 (7')	Soluble	Solid	DI Leach	
880-68094-3	S-7 (8')	Soluble	Solid	DI Leach	
MB 880-131478/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68093-A-6-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68093-A-6-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68094-1	S-7 (6')	Soluble	Solid	300.0	131478
880-68094-2	S-7 (7')	Soluble	Solid	300.0	131478
880-68094-3	S-7 (8')	Soluble	Solid	300.0	131478
MB 880-131478/1-A	Method Blank	Soluble	Solid	300.0	131478
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	300.0	131478
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131478
880-68093-A-6-E MS	Matrix Spike	Soluble	Solid	300.0	131478
880-68093-A-6-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131478

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (6')

Lab Sample ID: 880-68094-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131682	02/12/26 15:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			131730	02/12/26 19:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131473	02/11/26 10:58	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 19:22	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 21:57	SMC	EET MID

Client Sample ID: S-7 (7')

Lab Sample ID: 880-68094-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131682	02/12/26 16:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			131730	02/12/26 19:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131473	02/11/26 10:58	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 19:35	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:02	SMC	EET MID

Client Sample ID: S-7 (8')

Lab Sample ID: 880-68094-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131682	02/12/26 16:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			131730	02/12/26 19:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131473	02/11/26 10:58	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131571	02/12/26 19:49	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:18	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 880-68094-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68094-1	S-7 (6')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68094-2	S-7 (7')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68094-3	S-7 (8')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68094 Chain of Custody

2/13/2026

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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-7 (6')	2/9/2026		X		G	1		X	X	X		
S-7 (7')	2/9/2026		X		G	1		X	X	X		
S-7 (8')	2/9/2026		X		G	1		X	X	X		

ANALYSIS REQUEST / Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.10.26 16:30		2.10.26 16:30

Page 20 of 21

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68094-1
SDG Number: Lea County New Mexico

Login Number: 68094
List Number: 1
Creator: Neeld, Linsey

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2026 1:18:48 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

880-68095-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

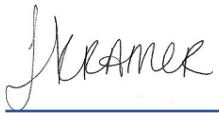
Eurofins Midland

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



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2/13/2026 1:18:48 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 880-68095-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 880-68095-1

Job ID: 880-68095-1 Eurofins Midland

Job Narrative
880-68095-1

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

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

Receipt
The samples were received on 2/10/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131501 and analytical batch 880-131565 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.

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131483/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131483/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (6')

Lab Sample ID: 880-68095-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00208**	**F1**	0.00200		mg/Kg		02/11/26 12:25	02/12/26 11:20	1
Toluene	**0.00242**	**F1**	0.00200		mg/Kg		02/11/26 12:25	02/12/26 11:20	1
Ethylbenzene	**0.00553**		0.00200		mg/Kg		02/11/26 12:25	02/12/26 11:20	1
m-Xylene & p-Xylene	**0.0109**		0.00399		mg/Kg		02/11/26 12:25	02/12/26 11:20	1
o-Xylene	**0.00381**		0.00200		mg/Kg		02/11/26 12:25	02/12/26 11:20	1
Xylenes, Total	**0.0147**		0.00399		mg/Kg		02/11/26 12:25	02/12/26 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*02/11/26 12:25*	*02/12/26 11:20*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/11/26 12:25*	*02/12/26 11:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0247**		0.00399		mg/Kg			02/12/26 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**267**		49.9		mg/Kg			02/12/26 18:11	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		02/11/26 11:39	02/12/26 18:11	1
Diesel Range Organics (Over C10-C28)	**267**		49.9		mg/Kg		02/11/26 11:39	02/12/26 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*02/11/26 11:39*	*02/12/26 18:11*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*02/11/26 11:39*	*02/12/26 18:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.4**		10.1		mg/Kg			02/12/26 22:23	1

Client Sample ID: S-8 (7')

Lab Sample ID: 880-68095-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 11:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 11:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 11:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 11:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 11:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*02/11/26 12:25*	*02/12/26 11:40*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/11/26 12:25*	*02/12/26 11:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (7')

Lab Sample ID: 880-68095-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/12/26 11:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**170**		50.1		mg/Kg			02/12/26 18:53	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		02/11/26 11:39	02/12/26 18:53	1
Diesel Range Organics (Over C10-C28)	**170**		50.1		mg/Kg		02/11/26 11:39	02/12/26 18:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 11:39	02/12/26 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*02/11/26 11:39*	*02/12/26 18:53*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*02/11/26 11:39*	*02/12/26 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/12/26 22:28	1

Client Sample ID: S-8 (8')

Lab Sample ID: 880-68095-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 12:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 12:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 12:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 12:25	02/12/26 12:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 12:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 12:25	02/12/26 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*02/11/26 12:25*	*02/12/26 12:01*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/11/26 12:25*	*02/12/26 12:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 12:01	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			02/12/26 19:07	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		02/11/26 11:39	02/12/26 19:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 11:39	02/12/26 19:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (8')

Lab Sample ID: 880-68095-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.7	U	49.7		mg/Kg		02/11/26 11:39	02/12/26 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:07*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 22:34	1

Client Sample ID: S-8 (9')

Lab Sample ID: 880-68095-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 12:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 12:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 12:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 12:25	02/12/26 12:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:25	02/12/26 12:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 12:25	02/12/26 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/11/26 12:25*	*02/12/26 12:21*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/11/26 12:25*	*02/12/26 12:21*	*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			02/12/26 12:21	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			02/12/26 19:22	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		02/11/26 11:39	02/12/26 19:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 11:39	02/12/26 19:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 11:39	02/12/26 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:22*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 22:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (10')

Lab Sample ID: 880-68095-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 12:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 12:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 12:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 12:25	02/12/26 12:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:25	02/12/26 12:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 12:25	02/12/26 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/11/26 12:25*	*02/12/26 12:42*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/11/26 12:25*	*02/12/26 12:42*	*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			02/12/26 12:42	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			02/12/26 19:35	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	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 19:35	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 19:35	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:35*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/12/26 22:44	1

Client Sample ID: S-8 (11')

Lab Sample ID: 880-68095-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 13:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/26 12:25	02/12/26 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 13:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/26 12:25	02/12/26 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/11/26 12:25*	*02/12/26 13:02*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/11/26 12:25*	*02/12/26 13:02*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (11')

Lab Sample ID: 880-68095-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/12/26 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/12/26 19:49	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		02/11/26 11:39	02/12/26 19:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/11/26 11:39	02/12/26 19:49	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/11/26 11:39	02/12/26 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:49*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*02/11/26 11:39*	*02/12/26 19:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/12/26 23:00	1

Client Sample ID: S-8 (12')

Lab Sample ID: 880-68095-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 13:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 13:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 13:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 13:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:25	02/12/26 13:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:25	02/12/26 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/11/26 12:25*	*02/12/26 13:23*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/11/26 12:25*	*02/12/26 13:23*	*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			02/12/26 13:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/12/26 20:03	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		02/11/26 11:39	02/12/26 20:03	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 20:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (12')

Lab Sample ID: 880-68095-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:03*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/12/26 23:05	1

Client Sample ID: S-8 (13')

Lab Sample ID: 880-68095-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/11/26 12:25	02/12/26 14:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 14:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 14:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 12:25	02/12/26 14:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:25	02/12/26 14:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 12:25	02/12/26 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/11/26 12:25*	*02/12/26 14:22*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/11/26 12:25*	*02/12/26 14:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 14:22	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			02/12/26 20:17	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		02/11/26 11:39	02/12/26 20:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 11:39	02/12/26 20:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 11:39	02/12/26 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:17*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 23:21	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

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)
880-68095-1	S-8 (6')	74	93
880-68095-1 MS	S-8 (6')	102	94
880-68095-1 MSD	S-8 (6')	91	94
880-68095-2	S-8 (7')	83	97
880-68095-3	S-8 (8')	82	103
880-68095-4	S-8 (9')	101	100
880-68095-5	S-8 (10')	106	101
880-68095-6	S-8 (11')	98	98
880-68095-7	S-8 (12')	109	97
880-68095-8	S-8 (13')	105	100
LCS 880-131501/1-A	Lab Control Sample	98	101
LCSD 880-131501/2-A	Lab Control Sample Dup	97	97
MB 880-131501/5-A	Method Blank	95	99

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)
880-68095-1	S-8 (6')	92	109
880-68095-1 MS	S-8 (6')	115	112
880-68095-1 MSD	S-8 (6')	116	112
880-68095-2	S-8 (7')	96	107
880-68095-3	S-8 (8')	102	114
880-68095-4	S-8 (9')	116	118
880-68095-5	S-8 (10')	88	105
880-68095-6	S-8 (11')	90	104
880-68095-7	S-8 (12')	90	101
880-68095-8	S-8 (13')	91	98
LCS 880-131483/2-A	Lab Control Sample	150 S1+	136 S1+
LCSD 880-131483/3-A	Lab Control Sample Dup	145 S1+	128
MB 880-131483/1-A	Method Blank	82	89

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131501/5-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*

Lab Sample ID: LCS 880-131501/1-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131501

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08420		mg/Kg		84	70 - 130		
Toluene			0.100	0.07902		mg/Kg		79	70 - 130		
Ethylbenzene			0.100	0.08469		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene			0.200	0.1688		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.08530		mg/Kg		85	70 - 130		

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

Lab Sample ID: LCSD 880-131501/2-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131501

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08080		mg/Kg		81	70 - 130	4	35
Toluene			0.100	0.07714		mg/Kg		77	70 - 130	2	35
Ethylbenzene			0.100	0.08289		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1652		mg/Kg		83	70 - 130	2	35
o-Xylene			0.100	0.08351		mg/Kg		84	70 - 130	2	35

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

Lab Sample ID: 880-68095-1 MS
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: S-8 (6')
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00208	F1	0.100	0.06518	F1	mg/Kg		63	70 - 130		
Toluene	0.00242	F1	0.100	0.06838	F1	mg/Kg		66	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68095-1 MS
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: S-8 (6')
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00553		0.100	0.08297		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.0109		0.200	0.1723		mg/Kg		81	70 - 130
o-Xylene	0.00381		0.100	0.08649		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-68095-1 MSD
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: S-8 (6')
Prep Type: Total/NA
Prep Batch: 131501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00208	F1	0.100	0.06352	F1	mg/Kg		61	70 - 130	3	35
Toluene	0.00242	F1	0.100	0.06612	F1	mg/Kg		64	70 - 130	3	35
Ethylbenzene	0.00553		0.100	0.07912		mg/Kg		74	70 - 130	5	35
m-Xylene & p-Xylene	0.0109		0.200	0.1630		mg/Kg		76	70 - 130	6	35
o-Xylene	0.00381		0.100	0.08138		mg/Kg		78	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

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

Lab Sample ID: MB 880-131483/1-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131483

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		02/11/26 11:39	02/12/26 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/11/26 11:39*	*02/12/26 16:16*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*02/11/26 11:39*	*02/12/26 16:16*	*1*

Lab Sample ID: LCS 880-131483/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	987.6		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1214		mg/Kg		121	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131483/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131483

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

Lab Sample ID: LCSD 880-131483/3-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1162		mg/Kg		116	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	128		70 - 130

Lab Sample ID: 880-68095-1 MS
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-8 (6')
Prep Type: Total/NA
Prep Batch: 131483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1037		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	267		998	1147		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	115		70 - 130
o-Terphenyl (Surr)	112		70 - 130

Lab Sample ID: 880-68095-1 MSD
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-8 (6')
Prep Type: Total/NA
Prep Batch: 131483

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	<49.9	U	998	991.1		mg/Kg		99	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	267		998	1172		mg/Kg		91	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	112		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131478/1-A
Matrix: Solid
Analysis Batch: 131639

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			02/12/26 21:15	1

Lab Sample ID: LCS 880-131478/2-A
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	231.6		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-131478/3-A
Matrix: Solid
Analysis Batch: 131639

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	232.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68095-5 MS
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: S-8 (10')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<9.96	U	249	252.1		mg/Kg		100	90 - 110		

Lab Sample ID: 880-68095-5 MSD
Matrix: Solid
Analysis Batch: 131639

Client Sample ID: S-8 (10')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	250.0		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 131501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Total/NA	Solid	5035	
880-68095-2	S-8 (7')	Total/NA	Solid	5035	
880-68095-3	S-8 (8')	Total/NA	Solid	5035	
880-68095-4	S-8 (9')	Total/NA	Solid	5035	
880-68095-5	S-8 (10')	Total/NA	Solid	5035	
880-68095-6	S-8 (11')	Total/NA	Solid	5035	
880-68095-7	S-8 (12')	Total/NA	Solid	5035	
880-68095-8	S-8 (13')	Total/NA	Solid	5035	
MB 880-131501/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131501/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131501/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68095-1 MS	S-8 (6')	Total/NA	Solid	5035	
880-68095-1 MSD	S-8 (6')	Total/NA	Solid	5035	

Analysis Batch: 131565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Total/NA	Solid	8021B	131501
880-68095-2	S-8 (7')	Total/NA	Solid	8021B	131501
880-68095-3	S-8 (8')	Total/NA	Solid	8021B	131501
880-68095-4	S-8 (9')	Total/NA	Solid	8021B	131501
880-68095-5	S-8 (10')	Total/NA	Solid	8021B	131501
880-68095-6	S-8 (11')	Total/NA	Solid	8021B	131501
880-68095-7	S-8 (12')	Total/NA	Solid	8021B	131501
880-68095-8	S-8 (13')	Total/NA	Solid	8021B	131501
MB 880-131501/5-A	Method Blank	Total/NA	Solid	8021B	131501
LCS 880-131501/1-A	Lab Control Sample	Total/NA	Solid	8021B	131501
LCSD 880-131501/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131501
880-68095-1 MS	S-8 (6')	Total/NA	Solid	8021B	131501
880-68095-1 MSD	S-8 (6')	Total/NA	Solid	8021B	131501

Analysis Batch: 131680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Total/NA	Solid	Total BTEX	
880-68095-2	S-8 (7')	Total/NA	Solid	Total BTEX	
880-68095-3	S-8 (8')	Total/NA	Solid	Total BTEX	
880-68095-4	S-8 (9')	Total/NA	Solid	Total BTEX	
880-68095-5	S-8 (10')	Total/NA	Solid	Total BTEX	
880-68095-6	S-8 (11')	Total/NA	Solid	Total BTEX	
880-68095-7	S-8 (12')	Total/NA	Solid	Total BTEX	
880-68095-8	S-8 (13')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Total/NA	Solid	8015NM Prep	
880-68095-2	S-8 (7')	Total/NA	Solid	8015NM Prep	
880-68095-3	S-8 (8')	Total/NA	Solid	8015NM Prep	
880-68095-4	S-8 (9')	Total/NA	Solid	8015NM Prep	
880-68095-5	S-8 (10')	Total/NA	Solid	8015NM Prep	
880-68095-6	S-8 (11')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-7	S-8 (12')	Total/NA	Solid	8015NM Prep	
880-68095-8	S-8 (13')	Total/NA	Solid	8015NM Prep	
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68095-1 MS	S-8 (6')	Total/NA	Solid	8015NM Prep	
880-68095-1 MSD	S-8 (6')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Total/NA	Solid	8015B NM	131483
880-68095-2	S-8 (7')	Total/NA	Solid	8015B NM	131483
880-68095-3	S-8 (8')	Total/NA	Solid	8015B NM	131483
880-68095-4	S-8 (9')	Total/NA	Solid	8015B NM	131483
880-68095-5	S-8 (10')	Total/NA	Solid	8015B NM	131483
880-68095-6	S-8 (11')	Total/NA	Solid	8015B NM	131483
880-68095-7	S-8 (12')	Total/NA	Solid	8015B NM	131483
880-68095-8	S-8 (13')	Total/NA	Solid	8015B NM	131483
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015B NM	131483
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131483
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131483
880-68095-1 MS	S-8 (6')	Total/NA	Solid	8015B NM	131483
880-68095-1 MSD	S-8 (6')	Total/NA	Solid	8015B NM	131483

Analysis Batch: 131737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Total/NA	Solid	8015 NM	
880-68095-2	S-8 (7')	Total/NA	Solid	8015 NM	
880-68095-3	S-8 (8')	Total/NA	Solid	8015 NM	
880-68095-4	S-8 (9')	Total/NA	Solid	8015 NM	
880-68095-5	S-8 (10')	Total/NA	Solid	8015 NM	
880-68095-6	S-8 (11')	Total/NA	Solid	8015 NM	
880-68095-7	S-8 (12')	Total/NA	Solid	8015 NM	
880-68095-8	S-8 (13')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Soluble	Solid	DI Leach	
880-68095-2	S-8 (7')	Soluble	Solid	DI Leach	
880-68095-3	S-8 (8')	Soluble	Solid	DI Leach	
880-68095-4	S-8 (9')	Soluble	Solid	DI Leach	
880-68095-5	S-8 (10')	Soluble	Solid	DI Leach	
880-68095-6	S-8 (11')	Soluble	Solid	DI Leach	
880-68095-7	S-8 (12')	Soluble	Solid	DI Leach	
880-68095-8	S-8 (13')	Soluble	Solid	DI Leach	
MB 880-131478/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68095-5 MS	S-8 (10')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 131478 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-5 MSD	S-8 (10')	Soluble	Solid	DI Leach	

Analysis Batch: 131639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68095-1	S-8 (6')	Soluble	Solid	300.0	131478
880-68095-2	S-8 (7')	Soluble	Solid	300.0	131478
880-68095-3	S-8 (8')	Soluble	Solid	300.0	131478
880-68095-4	S-8 (9')	Soluble	Solid	300.0	131478
880-68095-5	S-8 (10')	Soluble	Solid	300.0	131478
880-68095-6	S-8 (11')	Soluble	Solid	300.0	131478
880-68095-7	S-8 (12')	Soluble	Solid	300.0	131478
880-68095-8	S-8 (13')	Soluble	Solid	300.0	131478
MB 880-131478/1-A	Method Blank	Soluble	Solid	300.0	131478
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	300.0	131478
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131478
880-68095-5 MS	S-8 (10')	Soluble	Solid	300.0	131478
880-68095-5 MSD	S-8 (10')	Soluble	Solid	300.0	131478

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (6')

Lab Sample ID: 880-68095-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 11:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 11:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 18:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 18:11	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:23	SMC	EET MID

Client Sample ID: S-8 (7')

Lab Sample ID: 880-68095-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 11:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 11:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 18:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 18:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:28	SMC	EET MID

Client Sample ID: S-8 (8')

Lab Sample ID: 880-68095-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 12:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 19:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 19:07	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:34	SMC	EET MID

Client Sample ID: S-8 (9')

Lab Sample ID: 880-68095-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 12:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 12:21	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (9')

Lab Sample ID: 880-68095-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			131737	02/12/26 19:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 19:22	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:39	SMC	EET MID

Client Sample ID: S-8 (10')

Lab Sample ID: 880-68095-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 12:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 19:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 19:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 22:44	SMC	EET MID

Client Sample ID: S-8 (11')

Lab Sample ID: 880-68095-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 13:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 19:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 19:49	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:00	SMC	EET MID

Client Sample ID: S-8 (12')

Lab Sample ID: 880-68095-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 13:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 20:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 20:03	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Client Sample ID: S-8 (12')

Lab Sample ID: 880-68095-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:05	SMC	EET MID

Client Sample ID: S-8 (13')

Lab Sample ID: 880-68095-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131501	02/11/26 12:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/12/26 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131680	02/12/26 14:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			131737	02/12/26 20:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 20:17	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:21	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 880-68095-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68095-1	S-8 (6')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-2	S-8 (7')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-3	S-8 (8')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-4	S-8 (9')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-5	S-8 (10')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-6	S-8 (11')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-7	S-8 (12')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68095-8	S-8 (13')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68095 Chain of Custody

2/13/2026

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	~~IR5~~
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2
Total Containers:		Corrected Temperature:	2.3

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-8 (6')	2/9/2026		X		G	1	X	X	X		
S-8 (7')	2/9/2026		X		G	1	X	X	X		
S-8 (8')	2/9/2026		X		G	1	X	X	X		
S-8 (9')	2/9/2026		X		G	1	X	X	X		
S-8 (10')	2/9/2026		X		G	1	X	X	X		
S-8 (11')	2/9/2026		X		G	1	X	X	X		
S-8 (12')	2/9/2026		X		G	1	X	X	X		
S-8 (13')	2/9/2026		X		G	1	X	X	X		

Pres. Code / Parameters

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.10.26 16:30		2.10.26 1630

Page 26 of 27

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68095-1
SDG Number: Lea County New Mexico

Login Number: 68095
List Number: 1
Creator: Neeld, Linsey

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2026 1:38:16 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

880-68096-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

my EOL

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
2/13/2026 1:38:16 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 880-68096-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 880-68096-1

Job ID: 880-68096-1 Eurofins Midland

Job Narrative
880-68096-1

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

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

Receipt
The samples were received on 2/10/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-131600 and analytical batch 880-131569 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-9 (6') (880-68096-1), S-9 (7') (880-68096-2), S-9 (8') (880-68096-3) and S-9 (10') (880-68096-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131483/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131483/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S-9 (13') (880-68096-8). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (6')

Lab Sample ID: 880-68096-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:36	02/12/26 22:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 22:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 22:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 22:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 22:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 22:34*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:36*	*02/12/26 22:34*	*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			02/12/26 22:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/12/26 20:31	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	<50.3	U	50.3		mg/Kg		02/11/26 11:39	02/12/26 20:31	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 11:39	02/12/26 20:31	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 11:39	02/12/26 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:31*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		9.96		mg/Kg			02/12/26 23:26	1

Client Sample ID: S-9 (7')

Lab Sample ID: 880-68096-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:36	02/12/26 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 22:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 22:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 22:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 22:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 22:55*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:36*	*02/12/26 22:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (7')

Lab Sample ID: 880-68096-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/12/26 22:55	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			02/12/26 20:46	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		02/11/26 11:39	02/12/26 20:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 20:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:46*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 11:39*	*02/12/26 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 23:31	1

Client Sample ID: S-9 (8')

Lab Sample ID: 880-68096-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:36	02/12/26 23:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 23:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 23:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:36	02/12/26 23:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 23:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:36	02/12/26 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 23:15*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*02/12/26 11:36*	*02/12/26 23:15*	*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			02/12/26 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/12/26 21:15	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		02/11/26 11:39	02/12/26 21:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 21:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (8')

Lab Sample ID: 880-68096-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:15*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 23:36	1

Client Sample ID: S-9 (9')

Lab Sample ID: 880-68096-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:36	02/12/26 23:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 23:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 23:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 23:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 23:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:36*	*02/12/26 23:36*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:36*	*02/12/26 23:36*	*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			02/12/26 23:36	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			02/12/26 21:28	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		02/11/26 11:39	02/12/26 21:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 11:39	02/12/26 21:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 11:39	02/12/26 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:28*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			02/12/26 23:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (10')

Lab Sample ID: 880-68096-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:36	02/12/26 23:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 23:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 23:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 23:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 23:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*297*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 23:56*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:36*	*02/12/26 23:56*	*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			02/12/26 23:56	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			02/12/26 21:43	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		02/11/26 11:39	02/12/26 21:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 11:39	02/12/26 21:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 11:39	02/12/26 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:43*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 23:47	1

Client Sample ID: S-9 (11')

Lab Sample ID: 880-68096-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:10	02/12/26 14:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 14:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 14:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:10	02/12/26 14:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 14:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:10	02/12/26 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:10*	*02/12/26 14:02*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:10*	*02/12/26 14:02*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (11')

Lab Sample ID: 880-68096-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/12/26 14:02	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			02/12/26 21:56	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		02/11/26 11:39	02/12/26 21:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 21:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:56*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*02/11/26 11:39*	*02/12/26 21:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 23:52	1

Client Sample ID: S-9 (12')

Lab Sample ID: 880-68096-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:10	02/12/26 19:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:10	02/12/26 19:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:10	02/12/26 19:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:10	02/12/26 19:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:10	02/12/26 19:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:10	02/12/26 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*02/12/26 11:10*	*02/12/26 19:07*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/12/26 11:10*	*02/12/26 19:07*	*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			02/12/26 19:07	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			02/12/26 22:12	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		02/11/26 11:39	02/12/26 22:12	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 22:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (12')

Lab Sample ID: 880-68096-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.6	U	49.6		mg/Kg		02/11/26 11:39	02/12/26 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*02/11/26 11:39*	*02/12/26 22:12*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*02/11/26 11:39*	*02/12/26 22:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 14:23	1

Client Sample ID: S-9 (13')

Lab Sample ID: 880-68096-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00312**		0.00202		mg/Kg		02/12/26 11:10	02/12/26 19:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:10	02/12/26 19:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:10	02/12/26 19:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:10	02/12/26 19:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:10	02/12/26 19:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:10	02/12/26 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*02/12/26 11:10*	*02/12/26 19:28*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/12/26 11:10*	*02/12/26 19:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 19:28	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			02/12/26 22:25	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		02/11/26 11:39	02/12/26 22:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 22:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 11:39	02/12/26 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*02/11/26 11:39*	*02/12/26 22:25*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*02/11/26 11:39*	*02/12/26 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 14:39	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-68089-A-21-G MS	Matrix Spike	122	98
880-68089-A-21-H MSD	Matrix Spike Duplicate	112	103
880-68096-1	S-9 (6')	177 S1+	102
880-68096-2	S-9 (7')	134 S1+	105
880-68096-3	S-9 (8')	158 S1+	77
880-68096-4	S-9 (9')	106	99
880-68096-5	S-9 (10')	297 S1+	105
880-68096-6	S-9 (11')	103	99
880-68096-6 MS	S-9 (11')	101	96
880-68096-6 MSD	S-9 (11')	101	98
880-68096-7	S-9 (12')	110	118
880-68096-8	S-9 (13')	79	89
LCS 880-131592/1-A	Lab Control Sample	107	95
LCS 880-131600/1-A	Lab Control Sample	106	96
LCSD 880-131592/2-A	Lab Control Sample Dup	105	97
LCSD 880-131600/2-A	Lab Control Sample Dup	106	92
MB 880-131592/5-A	Method Blank	100	98
MB 880-131600/5-A	Method Blank	153 S1+	91

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-68095-A-1-C MS	Matrix Spike	115	112
880-68095-A-1-D MSD	Matrix Spike Duplicate	116	112
880-68096-1	S-9 (6')	88	101
880-68096-2	S-9 (7')	87	97
880-68096-3	S-9 (8')	86	100
880-68096-4	S-9 (9')	97	116
880-68096-5	S-9 (10')	99	109
880-68096-6	S-9 (11')	90	103
880-68096-7	S-9 (12')	94	107
880-68096-8	S-9 (13')	69 S1-	77
LCS 880-131483/2-A	Lab Control Sample	150 S1+	136 S1+
LCSD 880-131483/3-A	Lab Control Sample Dup	145 S1+	128
MB 880-131483/1-A	Method Blank	82	89

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131592/5-A
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 13:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 13:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 13:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:10	02/12/26 13:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:10	02/12/26 13:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:10	02/12/26 13:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:10*	*02/12/26 13:40*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:10*	*02/12/26 13:40*	*1*

Lab Sample ID: LCS 880-131592/1-A
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09278		mg/Kg		93	70 - 130
Toluene	0.100	0.1088		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.09950		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2132		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1038		mg/Kg		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-131592/2-A
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131592

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09247		mg/Kg		92	70 - 130	0	35
Toluene	0.100	0.1072		mg/Kg		107	70 - 130	1	35
Ethylbenzene	0.100	0.09795		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130	3	35
o-Xylene	0.100	0.1008		mg/Kg		101	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-68096-6 MS
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: S-9 (11')
Prep Type: Total/NA
Prep Batch: 131592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09292		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68096-6 MS
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: S-9 (11')
Prep Type: Total/NA
Prep Batch: 131592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09445		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1974		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09709		mg/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-68096-6 MSD
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: S-9 (11')
Prep Type: Total/NA
Prep Batch: 131592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08388		mg/Kg		84	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.09070		mg/Kg		91	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.08320		mg/Kg		83	70 - 130	13	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1700		mg/Kg		85	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.08319		mg/Kg		83	70 - 130	15	35

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

Lab Sample ID: MB 880-131600/5-A
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:36	02/12/26 15:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:36	02/12/26 15:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 15:28*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*02/12/26 11:36*	*02/12/26 15:28*	*1*

Lab Sample ID: LCS 880-131600/1-A
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1079		mg/Kg		108	70 - 130
Toluene	0.100	0.1075		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2386		mg/Kg		119	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131600/1-A
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131600

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1205		mg/Kg		121	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-131600/2-A
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131600

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1122		mg/Kg		112	70 - 130	4	35
Toluene			0.100	0.09859		mg/Kg		99	70 - 130	9	35
Ethylbenzene			0.100	0.09384		mg/Kg		94	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.2159		mg/Kg		108	70 - 130	10	35
o-Xylene			0.100	0.1007		mg/Kg		101	70 - 130	18	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-68089-A-21-G MS
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130		
Toluene	<0.00200	U	0.100	0.1038		mg/Kg		104	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1076		mg/Kg		106	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2301		mg/Kg		115	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1092		mg/Kg		109	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-68089-A-21-H MSD
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09885		mg/Kg		99	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08726		mg/Kg		86	70 - 130	21	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1994		mg/Kg		100	70 - 130	14	35
o-Xylene	<0.00200	U	0.100	0.1275		mg/Kg		128	70 - 130	15	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-A-21-H MSD
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131600

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-131483/1-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131483

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		02/11/26 11:39	02/12/26 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 11:39	02/12/26 16:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	02/11/26 11:39	02/12/26 16:16	1
o-Terphenyl (Surr)	89		70 - 130	02/11/26 11:39	02/12/26 16:16	1

Lab Sample ID: LCS 880-131483/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131483

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	987.6		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1214		mg/Kg		121	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

Lab Sample ID: LCSD 880-131483/3-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1162		mg/Kg		116	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	128		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68095-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131573 — **Prep Batch: 131483**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1037		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	267		998	1147		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-68095-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131573 — **Prep Batch: 131483**

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	<49.9	U	998	991.1		mg/Kg		99	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	267		998	1172		mg/Kg		91	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131479/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 14:07	1

Lab Sample ID: LCS 880-131479/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-131479/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131577

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.2		mg/Kg		97	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68096-7 MS — **Client Sample ID: S-9 (12')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131577

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U	253	248.9		mg/Kg		95	90 - 110

Lab Sample ID: 880-68096-7 MSD — **Client Sample ID: S-9 (12')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	253	249.1		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-131478/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 21:15	1

Lab Sample ID: LCS 880-131478/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.6		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-131478/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131639

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	232.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68095-A-5-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	252.1		mg/Kg		100	90 - 110

Lab Sample ID: 880-68095-A-5-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	250.0		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-6	S-9 (11')	Total/NA	Solid	8021B	131592
880-68096-7	S-9 (12')	Total/NA	Solid	8021B	131592
880-68096-8	S-9 (13')	Total/NA	Solid	8021B	131592
MB 880-131592/5-A	Method Blank	Total/NA	Solid	8021B	131592
LCS 880-131592/1-A	Lab Control Sample	Total/NA	Solid	8021B	131592
LCSD 880-131592/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131592
880-68096-6 MS	S-9 (11')	Total/NA	Solid	8021B	131592
880-68096-6 MSD	S-9 (11')	Total/NA	Solid	8021B	131592

Analysis Batch: 131569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Total/NA	Solid	8021B	131600
880-68096-2	S-9 (7')	Total/NA	Solid	8021B	131600
880-68096-3	S-9 (8')	Total/NA	Solid	8021B	131600
880-68096-4	S-9 (9')	Total/NA	Solid	8021B	131600
880-68096-5	S-9 (10')	Total/NA	Solid	8021B	131600
MB 880-131600/5-A	Method Blank	Total/NA	Solid	8021B	131600
LCS 880-131600/1-A	Lab Control Sample	Total/NA	Solid	8021B	131600
LCSD 880-131600/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131600
880-68089-A-21-G MS	Matrix Spike	Total/NA	Solid	8021B	131600
880-68089-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131600

Prep Batch: 131592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-6	S-9 (11')	Total/NA	Solid	5035	
880-68096-7	S-9 (12')	Total/NA	Solid	5035	
880-68096-8	S-9 (13')	Total/NA	Solid	5035	
MB 880-131592/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131592/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131592/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68096-6 MS	S-9 (11')	Total/NA	Solid	5035	
880-68096-6 MSD	S-9 (11')	Total/NA	Solid	5035	

Prep Batch: 131600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Total/NA	Solid	5035	
880-68096-2	S-9 (7')	Total/NA	Solid	5035	
880-68096-3	S-9 (8')	Total/NA	Solid	5035	
880-68096-4	S-9 (9')	Total/NA	Solid	5035	
880-68096-5	S-9 (10')	Total/NA	Solid	5035	
MB 880-131600/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131600/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131600/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68089-A-21-G MS	Matrix Spike	Total/NA	Solid	5035	
880-68089-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 131679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Total/NA	Solid	Total BTEX	
880-68096-2	S-9 (7')	Total/NA	Solid	Total BTEX	
880-68096-3	S-9 (8')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 131679 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-4	S-9 (9')	Total/NA	Solid	Total BTEX	
880-68096-5	S-9 (10')	Total/NA	Solid	Total BTEX	
880-68096-6	S-9 (11')	Total/NA	Solid	Total BTEX	
880-68096-7	S-9 (12')	Total/NA	Solid	Total BTEX	
880-68096-8	S-9 (13')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Total/NA	Solid	8015NM Prep	
880-68096-2	S-9 (7')	Total/NA	Solid	8015NM Prep	
880-68096-3	S-9 (8')	Total/NA	Solid	8015NM Prep	
880-68096-4	S-9 (9')	Total/NA	Solid	8015NM Prep	
880-68096-5	S-9 (10')	Total/NA	Solid	8015NM Prep	
880-68096-6	S-9 (11')	Total/NA	Solid	8015NM Prep	
880-68096-7	S-9 (12')	Total/NA	Solid	8015NM Prep	
880-68096-8	S-9 (13')	Total/NA	Solid	8015NM Prep	
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68095-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68095-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Total/NA	Solid	8015B NM	131483
880-68096-2	S-9 (7')	Total/NA	Solid	8015B NM	131483
880-68096-3	S-9 (8')	Total/NA	Solid	8015B NM	131483
880-68096-4	S-9 (9')	Total/NA	Solid	8015B NM	131483
880-68096-5	S-9 (10')	Total/NA	Solid	8015B NM	131483
880-68096-6	S-9 (11')	Total/NA	Solid	8015B NM	131483
880-68096-7	S-9 (12')	Total/NA	Solid	8015B NM	131483
880-68096-8	S-9 (13')	Total/NA	Solid	8015B NM	131483
MB 880-131483/1-A	Method Blank	Total/NA	Solid	8015B NM	131483
LCS 880-131483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131483
LCSD 880-131483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131483
880-68095-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131483
880-68095-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131483

Analysis Batch: 131738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Total/NA	Solid	8015 NM	
880-68096-2	S-9 (7')	Total/NA	Solid	8015 NM	
880-68096-3	S-9 (8')	Total/NA	Solid	8015 NM	
880-68096-4	S-9 (9')	Total/NA	Solid	8015 NM	
880-68096-5	S-9 (10')	Total/NA	Solid	8015 NM	
880-68096-6	S-9 (11')	Total/NA	Solid	8015 NM	
880-68096-7	S-9 (12')	Total/NA	Solid	8015 NM	
880-68096-8	S-9 (13')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 131478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Soluble	Solid	DI Leach	
880-68096-2	S-9 (7')	Soluble	Solid	DI Leach	
880-68096-3	S-9 (8')	Soluble	Solid	DI Leach	
880-68096-4	S-9 (9')	Soluble	Solid	DI Leach	
880-68096-5	S-9 (10')	Soluble	Solid	DI Leach	
880-68096-6	S-9 (11')	Soluble	Solid	DI Leach	
MB 880-131478/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68095-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68095-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 131479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-7	S-9 (12')	Soluble	Solid	DI Leach	
880-68096-8	S-9 (13')	Soluble	Solid	DI Leach	
MB 880-131479/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131479/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131479/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68096-7 MS	S-9 (12')	Soluble	Solid	DI Leach	
880-68096-7 MSD	S-9 (12')	Soluble	Solid	DI Leach	

Analysis Batch: 131577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-7	S-9 (12')	Soluble	Solid	300.0	131479
880-68096-8	S-9 (13')	Soluble	Solid	300.0	131479
MB 880-131479/1-A	Method Blank	Soluble	Solid	300.0	131479
LCS 880-131479/2-A	Lab Control Sample	Soluble	Solid	300.0	131479
LCSD 880-131479/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131479
880-68096-7 MS	S-9 (12')	Soluble	Solid	300.0	131479
880-68096-7 MSD	S-9 (12')	Soluble	Solid	300.0	131479

Analysis Batch: 131639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68096-1	S-9 (6')	Soluble	Solid	300.0	131478
880-68096-2	S-9 (7')	Soluble	Solid	300.0	131478
880-68096-3	S-9 (8')	Soluble	Solid	300.0	131478
880-68096-4	S-9 (9')	Soluble	Solid	300.0	131478
880-68096-5	S-9 (10')	Soluble	Solid	300.0	131478
880-68096-6	S-9 (11')	Soluble	Solid	300.0	131478
MB 880-131478/1-A	Method Blank	Soluble	Solid	300.0	131478
LCS 880-131478/2-A	Lab Control Sample	Soluble	Solid	300.0	131478
LCSD 880-131478/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131478
880-68095-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	131478
880-68095-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131478

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (6')

Lab Sample ID: 880-68096-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 22:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 22:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 20:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 20:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:26	SMC	EET MID

Client Sample ID: S-9 (7')

Lab Sample ID: 880-68096-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 22:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 22:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 20:46	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:31	SMC	EET MID

Client Sample ID: S-9 (8')

Lab Sample ID: 880-68096-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 23:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 21:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 21:15	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:36	SMC	EET MID

Client Sample ID: S-9 (9')

Lab Sample ID: 880-68096-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 23:36	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (9')

Lab Sample ID: 880-68096-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			131738	02/12/26 21:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 21:28	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:42	SMC	EET MID

Client Sample ID: S-9 (10')

Lab Sample ID: 880-68096-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 23:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 21:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 21:43	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:47	SMC	EET MID

Client Sample ID: S-9 (11')

Lab Sample ID: 880-68096-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131592	02/12/26 11:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/12/26 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 14:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 21:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 21:56	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131478	02/11/26 11:09	SMC	EET MID
Soluble	Analysis	300.0		1			131639	02/12/26 23:52	SMC	EET MID

Client Sample ID: S-9 (12')

Lab Sample ID: 880-68096-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131592	02/12/26 11:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/12/26 19:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 19:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 22:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 22:12	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Client Sample ID: S-9 (12')

Lab Sample ID: 880-68096-7

Date Collected: 02/09/26 00:00
Matrix: Solid
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	131479	02/11/26 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			131577	02/12/26 14:23	SMC	EET MID

Client Sample ID: S-9 (13')

Lab Sample ID: 880-68096-8

Date Collected: 02/09/26 00:00
Matrix: Solid
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131592	02/12/26 11:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/12/26 19:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131679	02/12/26 19:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			131738	02/12/26 22:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131483	02/11/26 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 22:25	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131479	02/11/26 11:13	SMC	EET MID
Soluble	Analysis	300.0		1			131577	02/12/26 14:39	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 880-68096-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68096-1	S-9 (6')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-2	S-9 (7')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-3	S-9 (8')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-4	S-9 (9')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-5	S-9 (10')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-6	S-9 (11')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-7	S-9 (12')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68096-8	S-9 (13')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68096 Chain of Custody

2/13/2026

Page ___1___ of ___1___

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	IR5	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	.1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.2	
Total Containers:		Corrected Temperature:	2.3	

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
S-9 (6')	2/9/2026		X		G	1			X	X	X		
S-9 (7')	2/9/2026		X		G	1			X	X	X		
S-9 (8')	2/9/2026		X		G	1			X	X	X		
S-9 (9')	2/9/2026		X		G	1			X	X	X		
S-9 (10')	2/9/2026		X		G	1			X	X	X		
S-9 (11')	2/9/2026		X		G	1			X	X	X		
S-9 (12')	2/9/2026		X		G	1			X	X	X		
S-9 (13')	2/9/2026		X		G	1			X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.10.24 16:30		2.10.24 1630

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Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68096-1
SDG Number: Lea County New Mexico

Login Number: 68096
List Number: 1
Creator: Neeld, Linsey

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2026 4:39:24 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

880-68084-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

my EOL

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
2/13/2026 4:39:24 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 880-68084-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 880-68084-1

Job ID: 880-68084-1 Eurofins Midland

Job Narrative
880-68084-1

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

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

Receipt
The samples were received on 2/10/2026 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131599 and analytical batch 880-131565 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 8021B: The laboratory control sample (LCS) associated with preparation batch 880-131708 and analytical batch 880-131690 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68083-A-1-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-131466/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-68084-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:33	02/13/26 01:01	1
Toluene	**0.00228**	**F1**	0.00200		mg/Kg		02/12/26 11:33	02/13/26 01:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:33	02/13/26 01:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:33	02/13/26 01:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:33	02/13/26 01:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:33	02/13/26 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*02/12/26 11:33*	*02/13/26 01:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:33*	*02/13/26 01:01*	*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			02/13/26 01:01	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			02/12/26 19:45	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		02/11/26 10:46	02/12/26 19:45	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 19:45	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*02/11/26 10:46*	*02/12/26 19:45*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*02/11/26 10:46*	*02/12/26 19:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 17:30	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-68084-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:33	02/13/26 01:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:33	02/13/26 01:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:33	02/13/26 01:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:33	02/13/26 01:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:33	02/13/26 01:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:33	02/13/26 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:33*	*02/13/26 01:21*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:33*	*02/13/26 01:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-68084-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/13/26 01:21	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			02/12/26 19:59	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		02/11/26 10:46	02/12/26 19:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 19:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/11/26 10:46*	*02/12/26 19:59*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*02/11/26 10:46*	*02/12/26 19:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		9.96		mg/Kg			02/12/26 17:46	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-68084-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:33	02/13/26 01:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:33	02/13/26 01:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:33	02/13/26 01:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:33	02/13/26 01:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:33	02/13/26 01:42	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:33	02/13/26 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:33*	*02/13/26 01:42*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:33*	*02/13/26 01:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/13/26 01:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/12/26 20:15	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	<50.3	U	50.3		mg/Kg		02/11/26 10:46	02/12/26 20:15	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:46	02/12/26 20:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-68084-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<50.3	U	50.3		mg/Kg		02/11/26 10:46	02/12/26 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/11/26 10:46*	*02/12/26 20:15*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*02/11/26 10:46*	*02/12/26 20:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 17:52	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-68084-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/12/26 11:33	02/13/26 06:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:33	02/13/26 06:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:33	02/13/26 06:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:33	02/13/26 06:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:33	02/13/26 06:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:33	02/13/26 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*02/12/26 11:33*	*02/13/26 06:57*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:33*	*02/13/26 06:57*	*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			02/13/26 06:57	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			02/12/26 20:30	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		02/11/26 10:46	02/12/26 20:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:46	02/12/26 20:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:46	02/12/26 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*02/11/26 10:46*	*02/12/26 20:30*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*02/11/26 10:46*	*02/12/26 20:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 17:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-68084-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/13/26 09:34	02/13/26 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:39	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:34	02/13/26 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:34	02/13/26 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/13/26 09:34*	*02/13/26 12:39*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/13/26 09:34*	*02/13/26 12:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/13/26 12:39	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			02/12/26 20:46	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		02/11/26 10:46	02/12/26 20:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:46	02/12/26 20:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:46	02/12/26 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*02/11/26 10:46*	*02/12/26 20:46*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*02/11/26 10:46*	*02/12/26 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 18:02	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-68084-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/13/26 09:34	02/13/26 13:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:34	02/13/26 13:00	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		02/13/26 09:34	02/13/26 13:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 09:34	02/13/26 13:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:34	02/13/26 13:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 09:34	02/13/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*02/13/26 09:34*	*02/13/26 13:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/13/26 09:34*	*02/13/26 13:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-68084-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			02/13/26 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/12/26 21:00	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	<50.3	U	50.3		mg/Kg		02/11/26 10:46	02/12/26 21:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:46	02/12/26 21:00	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 10:46	02/12/26 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:00*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 18:08	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-68084-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/13/26 09:34	02/13/26 13:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 13:20	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		02/13/26 09:34	02/13/26 13:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/26 09:34	02/13/26 13:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 13:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/26 09:34	02/13/26 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/13/26 09:34*	*02/13/26 13:20*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/13/26 09:34*	*02/13/26 13:20*	*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			02/13/26 13:20	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			02/12/26 21:30	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		02/11/26 10:46	02/12/26 21:30	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 21:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-68084-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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)	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:30*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/12/26 18:13	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-68084-8
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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		02/13/26 09:34	02/13/26 13:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:34	02/13/26 13:41	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		02/13/26 09:34	02/13/26 13:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 09:34	02/13/26 13:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:34	02/13/26 13:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 09:34	02/13/26 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*02/13/26 09:34*	*02/13/26 13:41*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/13/26 09:34*	*02/13/26 13:41*	*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			02/13/26 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/12/26 21:45	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		02/11/26 10:46	02/12/26 21:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 21:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:45*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		10.1		mg/Kg			02/12/26 18:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-9 (0-0.5')

Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68084-9

Matrix: Solid

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		02/13/26 09:34	02/13/26 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 14:01	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		02/13/26 09:34	02/13/26 14:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 09:34	02/13/26 14:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 14:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 09:34	02/13/26 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*02/13/26 09:34*	*02/13/26 14:01*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/13/26 09:34*	*02/13/26 14:01*	*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			02/13/26 14:01	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			02/12/26 21:59	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		02/11/26 10:46	02/12/26 21:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:46	02/12/26 21:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:46	02/12/26 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:59*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*02/11/26 10:46*	*02/12/26 21:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/12/26 18:34	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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)										
880-68084-1	H-1 (0-0.5')	90	97										
880-68084-1 MS	H-1 (0-0.5')	103	94										
880-68084-1 MSD	H-1 (0-0.5')	99	98										
880-68084-2	H-2 (0-0.5')	101	99										
880-68084-3	H-3 (0-0.5')	105	102										
880-68084-4	H-4 (0-0.5')	86	103										
880-68084-5	H-5 (0-0.5')	115	93										
880-68084-5 MS	H-5 (0-0.5')	109	91										
880-68084-5 MSD	H-5 (0-0.5')	107	88										
880-68084-6	H-6 (0-0.5')	127	97										
880-68084-7	H-7 (0-0.5')	115	94										
880-68084-8	H-8 (0-0.5')	122	95										
880-68084-9	H-9 (0-0.5')	125	100										
LCS 880-131599/1-A	Lab Control Sample	100	100										
LCS 880-131708/1-A	Lab Control Sample	123	101										
LCSD 880-131599/2-A	Lab Control Sample Dup	103	98										
LCSD 880-131708/2-A	Lab Control Sample Dup	110	104										
MB 880-131501/5-A	Method Blank	95	99										
MB 880-131599/5-A	Method Blank	97	96										
MB 880-131708/5-A	Method Blank	114	87										

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)										
880-68083-A-1-E MS	Matrix Spike	133 S1+	119										
880-68083-A-1-F MSD	Matrix Spike Duplicate	108	120										
880-68084-1	H-1 (0-0.5')	112	125										
880-68084-2	H-2 (0-0.5')	113	122										
880-68084-3	H-3 (0-0.5')	113	122										
880-68084-4	H-4 (0-0.5')	116	122										
880-68084-5	H-5 (0-0.5')	102	109										
880-68084-6	H-6 (0-0.5')	114	123										
880-68084-7	H-7 (0-0.5')	115	123										
880-68084-8	H-8 (0-0.5')	115	123										
880-68084-9	H-9 (0-0.5')	108	116										
LCS 880-131466/2-A	Lab Control Sample	126	135 S1+										
LCSD 880-131466/3-A	Lab Control Sample Dup	116	130										
MB 880-131466/1-A	Method Blank	101	110										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131501/5-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:25	02/12/26 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:25	02/12/26 10:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/11/26 12:25*	*02/12/26 10:58*	*1*

Lab Sample ID: MB 880-131599/5-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:33	02/13/26 00:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:33	02/13/26 00:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:33	02/13/26 00:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:33	02/13/26 00:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:33	02/13/26 00:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:33	02/13/26 00:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:33*	*02/13/26 00:39*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:33*	*02/13/26 00:39*	*1*

Lab Sample ID: LCS 880-131599/1-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131599

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08584		mg/Kg		86	70 - 130
Toluene	0.100	0.08158		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08900		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1775		mg/Kg		89	70 - 130
o-Xylene	0.100	0.08894		mg/Kg		89	70 - 130

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

Lab Sample ID: LCSD 880-131599/2-A
Matrix: Solid
Analysis Batch: 131565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131599

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08686		mg/Kg		87	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131599/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131565 — **Prep Batch: 131599**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08520		mg/Kg		85	70 - 130	4	35
Ethylbenzene			0.100	0.09284		mg/Kg		93	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.1870		mg/Kg		94	70 - 130	5	35
o-Xylene			0.100	0.09365		mg/Kg		94	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-68084-1 MS — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131565 — **Prep Batch: 131599**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07002		mg/Kg		70	70 - 130
Toluene	0.00228	F1	0.100	0.06596	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07231		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1479		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.100	0.07470		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-68084-1 MSD — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131565 — **Prep Batch: 131599**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08146		mg/Kg		81	70 - 130	15	35
Toluene	0.00228	F1	0.100	0.07275		mg/Kg		70	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07620		mg/Kg		76	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1508		mg/Kg		74	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.07582		mg/Kg		76	70 - 130	1	35

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

Lab Sample ID: MB 880-131708/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131690 — **Prep Batch: 131708**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:34	02/13/26 12:17	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-131708/5-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:34	02/13/26 12:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:34	02/13/26 12:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*02/13/26 09:34*	*02/13/26 12:17*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*02/13/26 09:34*	*02/13/26 12:17*	*1*

Lab Sample ID: LCS 880-131708/1-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131708

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1164		mg/Kg		116	70 - 130
Toluene	0.100	0.1078		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1412	*+	mg/Kg		141	70 - 130
m-Xylene & p-Xylene	0.200	0.2540		mg/Kg		127	70 - 130
o-Xylene	0.100	0.1279		mg/Kg		128	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-131708/2-A
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131708

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1080		mg/Kg		108	70 - 130	7	35
Toluene	0.100	0.1135		mg/Kg		113	70 - 130	5	35
Ethylbenzene	0.100	0.1295		mg/Kg		130	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2344		mg/Kg		117	70 - 130	8	35
o-Xylene	0.100	0.1172		mg/Kg		117	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-68084-5 MS
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: H-5 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1110		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09873		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U *+	0.100	0.08104		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1489		mg/Kg		74	70 - 130
o-Xylene	<0.00200	U	0.100	0.07717		mg/Kg		77	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68084-5 MS
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: H-5 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131708

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-68084-5 MSD
Matrix: Solid
Analysis Batch: 131690

Client Sample ID: H-5 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1128		mg/Kg		113	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.1074		mg/Kg		107	70 - 130	8	35
Ethylbenzene	<0.00200	U *+	0.100	0.09941		mg/Kg		99	70 - 130	20	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1739		mg/Kg		87	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.08760		mg/Kg		88	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

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

Lab Sample ID: MB 880-131466/1-A
Matrix: Solid
Analysis Batch: 131579

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131466

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		02/11/26 10:46	02/12/26 17:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:46	02/12/26 17:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:46	02/12/26 17:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/11/26 10:46*	*02/12/26 17:00*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*02/11/26 10:46*	*02/12/26 17:00*	*1*

Lab Sample ID: LCS 880-131466/2-A
Matrix: Solid
Analysis Batch: 131579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1026		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1072		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131466/3-A
Matrix: Solid
Analysis Batch: 131579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131466

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	958.5		mg/Kg		96	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1030		mg/Kg		103	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*130*		*70 - 130*

Lab Sample ID: 880-68083-A-1-E MS
Matrix: Solid
Analysis Batch: 131579

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1006		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	871.3		mg/Kg		85	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*119*		*70 - 130*

Lab Sample ID: 880-68083-A-1-F MSD
Matrix: Solid
Analysis Batch: 131579

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131466

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	<50.1	U	1010	1018		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	968.5		mg/Kg		95	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*108*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131455/1-A
Matrix: Solid
Analysis Batch: 131640

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			02/12/26 16:42	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-131455/2-A
Matrix: Solid
Analysis Batch: 131640

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.4		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-131455/3-A
Matrix: Solid
Analysis Batch: 131640

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	242.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-68084-7 MS
Matrix: Solid
Analysis Batch: 131640

Client Sample ID: H-7 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<9.96	U	249	250.3		mg/Kg		97	90 - 110		

Lab Sample ID: 880-68084-7 MSD
Matrix: Solid
Analysis Batch: 131640

Client Sample ID: H-7 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	250.2		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 131501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131501/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 131565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Total/NA	Solid	8021B	131599
880-68084-2	H-2 (0-0.5')	Total/NA	Solid	8021B	131599
880-68084-3	H-3 (0-0.5')	Total/NA	Solid	8021B	131599
880-68084-4	H-4 (0-0.5')	Total/NA	Solid	8021B	131599
MB 880-131501/5-A	Method Blank	Total/NA	Solid	8021B	131501
MB 880-131599/5-A	Method Blank	Total/NA	Solid	8021B	131599
LCS 880-131599/1-A	Lab Control Sample	Total/NA	Solid	8021B	131599
LCSD 880-131599/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131599
880-68084-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	131599
880-68084-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	131599

Prep Batch: 131599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68084-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-68084-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-68084-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-131599/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131599/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131599/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68084-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68084-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 131690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-5	H-5 (0-0.5')	Total/NA	Solid	8021B	131708
880-68084-6	H-6 (0-0.5')	Total/NA	Solid	8021B	131708
880-68084-7	H-7 (0-0.5')	Total/NA	Solid	8021B	131708
880-68084-8	H-8 (0-0.5')	Total/NA	Solid	8021B	131708
880-68084-9	H-9 (0-0.5')	Total/NA	Solid	8021B	131708
MB 880-131708/5-A	Method Blank	Total/NA	Solid	8021B	131708
LCS 880-131708/1-A	Lab Control Sample	Total/NA	Solid	8021B	131708
LCSD 880-131708/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131708
880-68084-5 MS	H-5 (0-0.5')	Total/NA	Solid	8021B	131708
880-68084-5 MSD	H-5 (0-0.5')	Total/NA	Solid	8021B	131708

Prep Batch: 131708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-68084-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-68084-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-68084-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-68084-9	H-9 (0-0.5')	Total/NA	Solid	5035	
MB 880-131708/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131708/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131708/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68084-5 MS	H-5 (0-0.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 131708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-5 MSD	H-5 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 131754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68084-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68084-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-131466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68083-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68083-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68084-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	131466
MB 880-131466/1-A	Method Blank	Total/NA	Solid	8015B NM	131466
LCS 880-131466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131466
LCSD 880-131466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131466
880-68083-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	131466
880-68083-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131466

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 131725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-68084-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-131455/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131455/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131455/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68084-7 MS	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-68084-7 MSD	H-7 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 131640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68084-1	H-1 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-2	H-2 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-3	H-3 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-4	H-4 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-5	H-5 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-6	H-6 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-7	H-7 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-8	H-8 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-9	H-9 (0-0.5')	Soluble	Solid	300.0	131455
MB 880-131455/1-A	Method Blank	Soluble	Solid	300.0	131455
LCS 880-131455/2-A	Lab Control Sample	Soluble	Solid	300.0	131455
LCSD 880-131455/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131455
880-68084-7 MS	H-7 (0-0.5')	Soluble	Solid	300.0	131455
880-68084-7 MSD	H-7 (0-0.5')	Soluble	Solid	300.0	131455

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-68084-1
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131599	02/12/26 11:33	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/13/26 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 01:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 19:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 19:45	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 17:30	SMC	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-68084-2
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131599	02/12/26 11:33	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/13/26 01:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 01:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 19:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 19:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 17:46	SMC	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-68084-3
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131599	02/12/26 11:33	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/13/26 01:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 01:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 20:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 20:15	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 17:52	SMC	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-68084-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131599	02/12/26 11:33	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131565	02/13/26 06:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 06:57	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-68084-4
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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			131725	02/12/26 20:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 20:30	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 17:57	SMC	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-68084-5
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	131708	02/13/26 09:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/13/26 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 12:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 20:46	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 18:02	SMC	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-68084-6
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131708	02/13/26 09:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/13/26 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 13:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 21:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 21:00	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 18:08	SMC	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-68084-7
Matrix: Solid
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

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	131708	02/13/26 09:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/13/26 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 13:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 21:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 21:30	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-68084-7

Date Collected: 02/09/26 00:00
Matrix: Solid
Date Received: 02/10/26 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 18:13	SMC	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-68084-8

Date Collected: 02/09/26 00:00
Matrix: Solid
Date Received: 02/10/26 16:30

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	131708	02/13/26 09:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/13/26 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 13:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 21:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 21:45	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 18:29	SMC	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-68084-9

Date Collected: 02/09/26 00:00
Matrix: Solid
Date Received: 02/10/26 16:30

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	131708	02/13/26 09:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131690	02/13/26 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131754	02/13/26 14:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131725	02/12/26 21:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131466	02/11/26 10:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131579	02/12/26 21:59	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 18:34	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 880-68084-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68084-1	H-1 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-2	H-2 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-3	H-3 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-4	H-4 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-5	H-5 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-6	H-6 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-7	H-7 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-8	H-8 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68084-9	H-9 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68084 Chain of Custody

2/13/2026

Page ___1___ of ___1___

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	GPJ/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.3
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
H-1 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-2 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-3 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-4 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-5 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-6 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-7 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-8 (0-0.5')	2/9/2026		X		G	1		X	X	X		
H-9 (0-0.5')	2/9/2026		X		G	1		X	X	X		

Parameters

ANALYSIS REQUEST

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.10.26 16:30		

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Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68084-1
SDG Number: Lea County New Mexico

Login Number: 68084
List Number: 1
Creator: Neeld, Linsey

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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/22/2026 12:58:30 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

890-9805-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

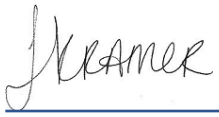
Eurofins Carlsbad

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
4/22/2026 12:58:30 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 890-9805-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 890-9805-1

Job ID: 890-9805-1 Eurofins Carlsbad

Job Narrative
890-9805-1

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

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

Receipt
The samples were received on 4/17/2026 4:51 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 5.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-1 (7.5) (890-9805-1), SW-2 (7.5) (890-9805-2), SW-3 (7.5) (890-9805-3), SW-4 (7.5) (890-9805-4), SW-5 (7.5) (890-9805-5), SW-6 (7.5) (890-9805-6), SW-7 (7.5) (890-9805-7), SW-8 (7.5) (890-9805-8), SW-9 (7.5) (890-9805-9), SW-10 (7.5) (890-9805-10) and SW-11 (7.5) (890-9805-11).

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 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-138378 and analytical batch 880-138409 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.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-1 (7.5)

Lab Sample ID: 890-9805-1
Matrix: Solid
Date Collected: 04/17/26 10:31
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/21/26 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/26 16:45	04/21/26 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/26 16:45	04/21/26 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/20/26 16:45*	*04/21/26 22:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/20/26 16:45*	*04/21/26 22:33*	*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			04/21/26 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**89.2**		50.0		mg/Kg			04/21/26 14:54	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		04/20/26 17:26	04/21/26 14:54	1
Diesel Range Organics (Over C10-C28)	**89.2**		50.0		mg/Kg		04/20/26 17:26	04/21/26 14:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:26	04/21/26 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/20/26 17:26*	*04/21/26 14:54*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/20/26 17:26*	*04/21/26 14:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.6**		9.92		mg/Kg			04/21/26 12:44	1

Client Sample ID: SW-2 (7.5)

Lab Sample ID: 890-9805-2
Matrix: Solid
Date Collected: 04/17/26 10:34
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/21/26 22:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/21/26 22:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/21/26 22:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:45	04/21/26 22:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/21/26 22:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:45	04/21/26 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/20/26 16:45*	*04/21/26 22:54*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/20/26 16:45*	*04/21/26 22:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-2 (7.5)

Lab Sample ID: 890-9805-2
Matrix: Solid
Date Collected: 04/17/26 10:34
Date Received: 04/17/26 16:51

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			04/21/26 22:54	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			04/21/26 15:09	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		04/20/26 17:26	04/21/26 15:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/26 17:26	04/21/26 15:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:26	04/21/26 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:09*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/21/26 12:59	1

Client Sample ID: SW-3 (7.5)

Lab Sample ID: 890-9805-3
Matrix: Solid
Date Collected: 04/17/26 10:38
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/21/26 23:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:45	04/21/26 23:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:45	04/21/26 23:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/20/26 16:45	04/21/26 23:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:45	04/21/26 23:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/20/26 16:45	04/21/26 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/20/26 16:45*	*04/21/26 23:15*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/20/26 16:45*	*04/21/26 23:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/21/26 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**121**		49.9		mg/Kg			04/21/26 15:24	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		04/20/26 17:26	04/21/26 15:24	1
Diesel Range Organics (Over C10-C28)	**121**		49.9		mg/Kg		04/20/26 17:26	04/21/26 15:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-3 (7.5)

Lab Sample ID: 890-9805-3
Matrix: Solid
Date Collected: 04/17/26 10:38
Date Received: 04/17/26 16:51

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		04/20/26 17:26	04/21/26 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:24*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.3**		9.96		mg/Kg			04/21/26 13:03	1

Client Sample ID: SW-4 (7.5)

Lab Sample ID: 890-9805-4
Matrix: Solid
Date Collected: 04/17/26 10:41
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/21/26 23:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:45	04/21/26 23:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:45	04/21/26 23:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/26 16:45	04/21/26 23:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:45	04/21/26 23:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/26 16:45	04/21/26 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/20/26 16:45*	*04/21/26 23:35*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/20/26 16:45*	*04/21/26 23:35*	*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			04/21/26 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.6**		50.0		mg/Kg			04/21/26 15:40	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		04/20/26 17:26	04/21/26 15:40	1
Diesel Range Organics (Over C10-C28)	**64.6**		50.0		mg/Kg		04/20/26 17:26	04/21/26 15:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:26	04/21/26 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:40*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.2**		9.92		mg/Kg			04/21/26 13:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-5 (7.5)

Lab Sample ID: 890-9805-5
Matrix: Solid
Date Collected: 04/17/26 10:44
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/21/26 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 23:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:45	04/21/26 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 23:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:45	04/21/26 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/20/26 16:45*	*04/21/26 23:56*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/20/26 16:45*	*04/21/26 23:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/21/26 23:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**176**		49.8		mg/Kg			04/21/26 15:55	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		04/20/26 17:26	04/21/26 15:55	1
Diesel Range Organics (Over C10-C28)	**176**		49.8		mg/Kg		04/20/26 17:26	04/21/26 15:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/26 17:26	04/21/26 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:55*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/20/26 17:26*	*04/21/26 15:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.0**		10.0		mg/Kg			04/21/26 13:13	1

Client Sample ID: SW-6 (7.5)

Lab Sample ID: 890-9805-6
Matrix: Solid
Date Collected: 04/17/26 10:49
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/22/26 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/22/26 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/22/26 00:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/26 16:45	04/22/26 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/22/26 00:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/26 16:45	04/22/26 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/20/26 16:45*	*04/22/26 00:17*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/20/26 16:45*	*04/22/26 00:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-6 (7.5)

Lab Sample ID: 890-9805-6
Matrix: Solid
Date Collected: 04/17/26 10:49
Date Received: 04/17/26 16:51

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			04/22/26 00:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**541**		50.0		mg/Kg			04/21/26 16:10	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		04/20/26 17:26	04/21/26 16:10	1
Diesel Range Organics (Over C10-C28)	**457**		50.0		mg/Kg		04/20/26 17:26	04/21/26 16:10	1
Oil Range Organics (Over C28-C36)	**84.4**		50.0		mg/Kg		04/20/26 17:26	04/21/26 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/20/26 17:26*	*04/21/26 16:10*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/20/26 17:26*	*04/21/26 16:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.2**		9.94		mg/Kg			04/21/26 13:28	1

Client Sample ID: SW-7 (7.5)

Lab Sample ID: 890-9805-7
Matrix: Solid
Date Collected: 04/17/26 10:53
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/22/26 00:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/22/26 00:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/22/26 00:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:45	04/22/26 00:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/22/26 00:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:45	04/22/26 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/20/26 16:45*	*04/22/26 00:37*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/20/26 16:45*	*04/22/26 00:37*	*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			04/22/26 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**210**		50.0		mg/Kg			04/22/26 00:55	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 F1	50.0		mg/Kg		04/20/26 17:28	04/22/26 00:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (7.5)

Lab Sample ID: 890-9805-7
Matrix: Solid
Date Collected: 04/17/26 10:53
Date Received: 04/17/26 16:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**210**		50.0		mg/Kg		04/20/26 17:28	04/22/26 00:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/20/26 17:28*	*04/22/26 00:55*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/20/26 17:28*	*04/22/26 00:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		9.92		mg/Kg			04/21/26 13:32	1

Client Sample ID: SW-8 (7.5)

Lab Sample ID: 890-9805-8
Matrix: Solid
Date Collected: 04/17/26 10:57
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/22/26 00:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:45	04/22/26 00:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:45	04/22/26 00:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/20/26 16:45	04/22/26 00:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:45	04/22/26 00:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/20/26 16:45	04/22/26 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/20/26 16:45*	*04/22/26 00:58*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/20/26 16:45*	*04/22/26 00:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 00:58	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			04/22/26 01:40	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		04/20/26 17:28	04/22/26 01:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 01:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/20/26 17:28*	*04/22/26 01:40*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/20/26 17:28*	*04/22/26 01:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.1**		9.90		mg/Kg			04/21/26 13:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-9 (7.5)

Lab Sample ID: 890-9805-9
Matrix: Solid
Date Collected: 04/17/26 11:03
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/22/26 01:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/22/26 01:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/22/26 01:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:45	04/22/26 01:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:45	04/22/26 01:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:45	04/22/26 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/20/26 16:45*	*04/22/26 01:19*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/20/26 16:45*	*04/22/26 01:19*	*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			04/22/26 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**318**		50.0		mg/Kg			04/22/26 01:55	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		04/20/26 17:28	04/22/26 01:55	1
Diesel Range Organics (Over C10-C28)	**318**		50.0		mg/Kg		04/20/26 17:28	04/22/26 01:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/20/26 17:28*	*04/22/26 01:55*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/20/26 17:28*	*04/22/26 01:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		10.0		mg/Kg			04/21/26 13:42	1

Client Sample ID: SW-10 (7.5)

Lab Sample ID: 890-9805-10
Matrix: Solid
Date Collected: 04/17/26 11:09
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/22/26 01:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:45	04/22/26 01:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:45	04/22/26 01:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/26 16:45	04/22/26 01:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:45	04/22/26 01:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/26 16:45	04/22/26 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/20/26 16:45*	*04/22/26 01:39*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/20/26 16:45*	*04/22/26 01:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-10 (7.5)

Lab Sample ID: 890-9805-10
Matrix: Solid
Date Collected: 04/17/26 11:09
Date Received: 04/17/26 16:51

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			04/22/26 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**222**		50.0		mg/Kg			04/22/26 02:10	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		04/20/26 17:28	04/22/26 02:10	1
Diesel Range Organics (Over C10-C28)	**222**		50.0		mg/Kg		04/20/26 17:28	04/22/26 02:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:10*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.6**		10.0		mg/Kg			04/21/26 13:47	1

Client Sample ID: SW-11 (7.5)

Lab Sample ID: 890-9805-11
Matrix: Solid
Date Collected: 04/17/26 11:13
Date Received: 04/17/26 16:51

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		04/20/26 16:45	04/22/26 03:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:45	04/22/26 03:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:45	04/22/26 03:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/20/26 16:45	04/22/26 03:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:45	04/22/26 03:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/20/26 16:45	04/22/26 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/20/26 16:45*	*04/22/26 03:02*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/20/26 16:45*	*04/22/26 03:02*	*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			04/22/26 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**112**		50.0		mg/Kg			04/22/26 02:26	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		04/20/26 17:28	04/22/26 02:26	1
Diesel Range Organics (Over C10-C28)	**112**		50.0		mg/Kg		04/20/26 17:28	04/22/26 02:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (7.5)

Date Collected: 04/17/26 11:13
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9805-11

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)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:26*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		9.96		mg/Kg			04/21/26 13:52	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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)
890-9805-1	SW-1 (7.5)	97	98
890-9805-1 MS	SW-1 (7.5)	100	98
890-9805-1 MSD	SW-1 (7.5)	104	100
890-9805-2	SW-2 (7.5)	107	97
890-9805-3	SW-3 (7.5)	104	96
890-9805-4	SW-4 (7.5)	102	98
890-9805-5	SW-5 (7.5)	108	100
890-9805-6	SW-6 (7.5)	106	94
890-9805-7	SW-7 (7.5)	104	99
890-9805-8	SW-8 (7.5)	106	100
890-9805-9	SW-9 (7.5)	105	97
890-9805-10	SW-10 (7.5)	103	94
890-9805-11	SW-11 (7.5)	95	97
LCS 880-138366/1-A	Lab Control Sample	100	97
LCSD 880-138366/2-A	Lab Control Sample Dup	101	97
MB 880-138350/5-A	Method Blank	98	89
MB 880-138366/5-A	Method Blank	96	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)
880-71193-A-1-B MS	Matrix Spike	82	94
880-71193-A-1-C MSD	Matrix Spike Duplicate	83	93
890-9805-1	SW-1 (7.5)	76	79
890-9805-2	SW-2 (7.5)	91	90
890-9805-3	SW-3 (7.5)	92	92
890-9805-4	SW-4 (7.5)	93	91
890-9805-5	SW-5 (7.5)	93	95
890-9805-6	SW-6 (7.5)	93	91
890-9805-7	SW-7 (7.5)	93	110
890-9805-7 MS	SW-7 (7.5)	106	117
890-9805-7 MSD	SW-7 (7.5)	111	130
890-9805-8	SW-8 (7.5)	95	109
890-9805-9	SW-9 (7.5)	115	118
890-9805-10	SW-10 (7.5)	97	99
890-9805-11	SW-11 (7.5)	109	124
LCS 880-138374/2-A	Lab Control Sample	71	78
LCS 880-138378/2-A	Lab Control Sample	80	90
LCSD 880-138374/3-A	Lab Control Sample Dup	73	78
LCSD 880-138378/3-A	Lab Control Sample Dup	88	99
MB 880-138374/1-A	Method Blank	100	101
MB 880-138378/1-A	Method Blank	89	86

Surrogate Legend

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138350/5-A
Matrix: Solid
Analysis Batch: 138400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138350

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/26 15:43	04/21/26 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 15:43	04/21/26 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 15:43	04/21/26 11:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 15:43	04/21/26 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 15:43	04/21/26 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 15:43	04/21/26 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/20/26 15:43*	*04/21/26 11:32*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/20/26 15:43*	*04/21/26 11:32*	*1*

Lab Sample ID: MB 880-138366/5-A
Matrix: Solid
Analysis Batch: 138400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138366

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:45	04/21/26 22:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:45	04/21/26 22:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:45	04/21/26 22:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/20/26 16:45*	*04/21/26 22:12*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/20/26 16:45*	*04/21/26 22:12*	*1*

Lab Sample ID: LCS 880-138366/1-A
Matrix: Solid
Analysis Batch: 138400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138366

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1074		mg/Kg		107	70 - 130
Toluene	0.100	0.1023		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1015		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2039		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-138366/2-A
Matrix: Solid
Analysis Batch: 138400

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138366

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1110		mg/Kg		111	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138366/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138400 — **Prep Batch: 138366**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1055		mg/Kg		106	70 - 130	3	35
Ethylbenzene			0.100	0.1042		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.2129		mg/Kg		106	70 - 130	4	35
o-Xylene			0.100	0.1090		mg/Kg		109	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-9805-1 MS — **Client Sample ID: SW-1 (7.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138400 — **Prep Batch: 138366**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1056		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.100	0.09937		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09268		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1828		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09205		mg/Kg		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-9805-1 MSD — **Client Sample ID: SW-1 (7.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138400 — **Prep Batch: 138366**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09965		mg/Kg		100	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.09284		mg/Kg		93	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.08741		mg/Kg		87	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1741		mg/Kg		87	70 - 130	5	35
o-Xylene	<0.00200	U	0.100	0.08517		mg/Kg		85	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 880-138374/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138410 — **Prep Batch: 138374**

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		04/20/26 17:26	04/21/26 08:26	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138374/1-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138374

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:26	04/21/26 08:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:26	04/21/26 08:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/20/26 17:26*	*04/21/26 08:26*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/20/26 17:26*	*04/21/26 08:26*	*1*

Lab Sample ID: LCS 880-138374/2-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138374

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	811.0		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	822.8		mg/Kg		82	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*71*		*70 - 130*
o-Terphenyl (Surr)	*78*		*70 - 130*

Lab Sample ID: LCSD 880-138374/3-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138374

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	828.1		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	832.2		mg/Kg		83	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*73*		*70 - 130*
o-Terphenyl (Surr)	*78*		*70 - 130*

Lab Sample ID: 880-71193-A-1-B MS
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138374

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	812.3		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1080		1000	2113		mg/Kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*82*		*70 - 130*
o-Terphenyl (Surr)	*94*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71193-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138410 — **Prep Batch: 138374**

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	<50.0	U	1000	813.9		mg/Kg		81	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1080		1000	2127		mg/Kg		105	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-138378/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138409 — **Prep Batch: 138378**

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		04/20/26 17:28	04/22/26 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 00:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/20/26 17:28*	*04/22/26 00:10*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/20/26 17:28*	*04/22/26 00:10*	*1*

Lab Sample ID: LCS 880-138378/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138409 — **Prep Batch: 138378**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	979.9		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-138378/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138409 — **Prep Batch: 138378**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1163		mg/Kg		116	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1079		mg/Kg		108	70 - 130	10	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138378/3-A
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138378

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 890-9805-7 MS
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: SW-7 (7.5)
Prep Type: Total/NA
Prep Batch: 138378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1309		mg/Kg		129	70 - 130
Diesel Range Organics (Over C10-C28)	210		1000	1309		mg/Kg		110	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: 890-9805-7 MSD
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: SW-7 (7.5)
Prep Type: Total/NA
Prep Batch: 138378

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	<50.0	U F1	1000	1350	F1	mg/Kg		133	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	210		1000	1419		mg/Kg		121	70 - 130	8	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	130		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138397/1-A
Matrix: Solid
Analysis Batch: 138423

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			04/21/26 12:30	1

Lab Sample ID: LCS 880-138397/2-A
Matrix: Solid
Analysis Batch: 138423

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.4		mg/Kg		102	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-138397/3-A
Matrix: Solid
Analysis Batch: 138423

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	257.7		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 890-9805-1 MS
Matrix: Solid
Analysis Batch: 138423

Client Sample ID: SW-1 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	39.6		248	287.4		mg/Kg		100	90 - 110

Lab Sample ID: 890-9805-1 MSD
Matrix: Solid
Analysis Batch: 138423

Client Sample ID: SW-1 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.6		248	290.3		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-9805-11 MS
Matrix: Solid
Analysis Batch: 138423

Client Sample ID: SW-11 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	112		249	362.3		mg/Kg		100	90 - 110

Lab Sample ID: 890-9805-11 MSD
Matrix: Solid
Analysis Batch: 138423

Client Sample ID: SW-11 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	112		249	365.4		mg/Kg		102	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138350/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 138366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Total/NA	Solid	5035	
890-9805-2	SW-2 (7.5)	Total/NA	Solid	5035	
890-9805-3	SW-3 (7.5)	Total/NA	Solid	5035	
890-9805-4	SW-4 (7.5)	Total/NA	Solid	5035	
890-9805-5	SW-5 (7.5)	Total/NA	Solid	5035	
890-9805-6	SW-6 (7.5)	Total/NA	Solid	5035	
890-9805-7	SW-7 (7.5)	Total/NA	Solid	5035	
890-9805-8	SW-8 (7.5)	Total/NA	Solid	5035	
890-9805-9	SW-9 (7.5)	Total/NA	Solid	5035	
890-9805-10	SW-10 (7.5)	Total/NA	Solid	5035	
890-9805-11	SW-11 (7.5)	Total/NA	Solid	5035	
MB 880-138366/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138366/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138366/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9805-1 MS	SW-1 (7.5)	Total/NA	Solid	5035	
890-9805-1 MSD	SW-1 (7.5)	Total/NA	Solid	5035	

Analysis Batch: 138400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Total/NA	Solid	8021B	138366
890-9805-2	SW-2 (7.5)	Total/NA	Solid	8021B	138366
890-9805-3	SW-3 (7.5)	Total/NA	Solid	8021B	138366
890-9805-4	SW-4 (7.5)	Total/NA	Solid	8021B	138366
890-9805-5	SW-5 (7.5)	Total/NA	Solid	8021B	138366
890-9805-6	SW-6 (7.5)	Total/NA	Solid	8021B	138366
890-9805-7	SW-7 (7.5)	Total/NA	Solid	8021B	138366
890-9805-8	SW-8 (7.5)	Total/NA	Solid	8021B	138366
890-9805-9	SW-9 (7.5)	Total/NA	Solid	8021B	138366
890-9805-10	SW-10 (7.5)	Total/NA	Solid	8021B	138366
890-9805-11	SW-11 (7.5)	Total/NA	Solid	8021B	138366
MB 880-138350/5-A	Method Blank	Total/NA	Solid	8021B	138350
MB 880-138366/5-A	Method Blank	Total/NA	Solid	8021B	138366
LCS 880-138366/1-A	Lab Control Sample	Total/NA	Solid	8021B	138366
LCSD 880-138366/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138366
890-9805-1 MS	SW-1 (7.5)	Total/NA	Solid	8021B	138366
890-9805-1 MSD	SW-1 (7.5)	Total/NA	Solid	8021B	138366

Analysis Batch: 138586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-2	SW-2 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-3	SW-3 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-4	SW-4 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-5	SW-5 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-6	SW-6 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-7	SW-7 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-8	SW-8 (7.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 138586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-9	SW-9 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-10	SW-10 (7.5)	Total/NA	Solid	Total BTEX	
890-9805-11	SW-11 (7.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-2	SW-2 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-3	SW-3 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-4	SW-4 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-5	SW-5 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-6	SW-6 (7.5)	Total/NA	Solid	8015NM Prep	
MB 880-138374/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138374/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71193-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71193-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 138378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-7	SW-7 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-8	SW-8 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-9	SW-9 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-10	SW-10 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-11	SW-11 (7.5)	Total/NA	Solid	8015NM Prep	
MB 880-138378/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138378/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138378/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9805-7 MS	SW-7 (7.5)	Total/NA	Solid	8015NM Prep	
890-9805-7 MSD	SW-7 (7.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-7	SW-7 (7.5)	Total/NA	Solid	8015B NM	138378
890-9805-8	SW-8 (7.5)	Total/NA	Solid	8015B NM	138378
890-9805-9	SW-9 (7.5)	Total/NA	Solid	8015B NM	138378
890-9805-10	SW-10 (7.5)	Total/NA	Solid	8015B NM	138378
890-9805-11	SW-11 (7.5)	Total/NA	Solid	8015B NM	138378
MB 880-138378/1-A	Method Blank	Total/NA	Solid	8015B NM	138378
LCS 880-138378/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138378
LCSD 880-138378/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138378
890-9805-7 MS	SW-7 (7.5)	Total/NA	Solid	8015B NM	138378
890-9805-7 MSD	SW-7 (7.5)	Total/NA	Solid	8015B NM	138378

Analysis Batch: 138410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Total/NA	Solid	8015B NM	138374
890-9805-2	SW-2 (7.5)	Total/NA	Solid	8015B NM	138374
890-9805-3	SW-3 (7.5)	Total/NA	Solid	8015B NM	138374

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-4	SW-4 (7.5)	Total/NA	Solid	8015B NM	138374
890-9805-5	SW-5 (7.5)	Total/NA	Solid	8015B NM	138374
890-9805-6	SW-6 (7.5)	Total/NA	Solid	8015B NM	138374
MB 880-138374/1-A	Method Blank	Total/NA	Solid	8015B NM	138374
LCS 880-138374/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138374
LCSD 880-138374/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138374
880-71193-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138374
880-71193-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138374

Analysis Batch: 138521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Total/NA	Solid	8015 NM	
890-9805-2	SW-2 (7.5)	Total/NA	Solid	8015 NM	
890-9805-3	SW-3 (7.5)	Total/NA	Solid	8015 NM	
890-9805-4	SW-4 (7.5)	Total/NA	Solid	8015 NM	
890-9805-5	SW-5 (7.5)	Total/NA	Solid	8015 NM	
890-9805-6	SW-6 (7.5)	Total/NA	Solid	8015 NM	
890-9805-7	SW-7 (7.5)	Total/NA	Solid	8015 NM	
890-9805-8	SW-8 (7.5)	Total/NA	Solid	8015 NM	
890-9805-9	SW-9 (7.5)	Total/NA	Solid	8015 NM	
890-9805-10	SW-10 (7.5)	Total/NA	Solid	8015 NM	
890-9805-11	SW-11 (7.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Soluble	Solid	DI Leach	
890-9805-2	SW-2 (7.5)	Soluble	Solid	DI Leach	
890-9805-3	SW-3 (7.5)	Soluble	Solid	DI Leach	
890-9805-4	SW-4 (7.5)	Soluble	Solid	DI Leach	
890-9805-5	SW-5 (7.5)	Soluble	Solid	DI Leach	
890-9805-6	SW-6 (7.5)	Soluble	Solid	DI Leach	
890-9805-7	SW-7 (7.5)	Soluble	Solid	DI Leach	
890-9805-8	SW-8 (7.5)	Soluble	Solid	DI Leach	
890-9805-9	SW-9 (7.5)	Soluble	Solid	DI Leach	
890-9805-10	SW-10 (7.5)	Soluble	Solid	DI Leach	
890-9805-11	SW-11 (7.5)	Soluble	Solid	DI Leach	
MB 880-138397/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138397/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138397/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9805-1 MS	SW-1 (7.5)	Soluble	Solid	DI Leach	
890-9805-1 MSD	SW-1 (7.5)	Soluble	Solid	DI Leach	
890-9805-11 MS	SW-11 (7.5)	Soluble	Solid	DI Leach	
890-9805-11 MSD	SW-11 (7.5)	Soluble	Solid	DI Leach	

Analysis Batch: 138423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-1	SW-1 (7.5)	Soluble	Solid	300.0	138397
890-9805-2	SW-2 (7.5)	Soluble	Solid	300.0	138397
890-9805-3	SW-3 (7.5)	Soluble	Solid	300.0	138397

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 138423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9805-4	SW-4 (7.5)	Soluble	Solid	300.0	138397
890-9805-5	SW-5 (7.5)	Soluble	Solid	300.0	138397
890-9805-6	SW-6 (7.5)	Soluble	Solid	300.0	138397
890-9805-7	SW-7 (7.5)	Soluble	Solid	300.0	138397
890-9805-8	SW-8 (7.5)	Soluble	Solid	300.0	138397
890-9805-9	SW-9 (7.5)	Soluble	Solid	300.0	138397
890-9805-10	SW-10 (7.5)	Soluble	Solid	300.0	138397
890-9805-11	SW-11 (7.5)	Soluble	Solid	300.0	138397
MB 880-138397/1-A	Method Blank	Soluble	Solid	300.0	138397
LCS 880-138397/2-A	Lab Control Sample	Soluble	Solid	300.0	138397
LCSD 880-138397/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138397
890-9805-1 MS	SW-1 (7.5)	Soluble	Solid	300.0	138397
890-9805-1 MSD	SW-1 (7.5)	Soluble	Solid	300.0	138397
890-9805-11 MS	SW-11 (7.5)	Soluble	Solid	300.0	138397
890-9805-11 MSD	SW-11 (7.5)	Soluble	Solid	300.0	138397

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-1 (7.5)

Lab Sample ID: 890-9805-1
Matrix: Solid
Date Collected: 04/17/26 10:31
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/21/26 22:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/21/26 22:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/21/26 14:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138374	04/20/26 17:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 14:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 12:44	SMC	EET MID

Client Sample ID: SW-2 (7.5)

Lab Sample ID: 890-9805-2
Matrix: Solid
Date Collected: 04/17/26 10:34
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/21/26 22:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/21/26 22:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/21/26 15:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138374	04/20/26 17:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 15:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 12:59	SMC	EET MID

Client Sample ID: SW-3 (7.5)

Lab Sample ID: 890-9805-3
Matrix: Solid
Date Collected: 04/17/26 10:38
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/21/26 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/21/26 23:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/21/26 15:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138374	04/20/26 17:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 15:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:03	SMC	EET MID

Client Sample ID: SW-4 (7.5)

Lab Sample ID: 890-9805-4
Matrix: Solid
Date Collected: 04/17/26 10:41
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/21/26 23:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/21/26 23:35	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-4 (7.5)

Lab Sample ID: 890-9805-4
Matrix: Solid
Date Collected: 04/17/26 10:41
Date Received: 04/17/26 16:51

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			138521	04/21/26 15:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138374	04/20/26 17:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 15:40	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:08	SMC	EET MID

Client Sample ID: SW-5 (7.5)

Lab Sample ID: 890-9805-5
Matrix: Solid
Date Collected: 04/17/26 10:44
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/21/26 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/21/26 23:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/21/26 15:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138374	04/20/26 17:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 15:55	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:13	SMC	EET MID

Client Sample ID: SW-6 (7.5)

Lab Sample ID: 890-9805-6
Matrix: Solid
Date Collected: 04/17/26 10:49
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/22/26 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/22/26 00:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/21/26 16:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138374	04/20/26 17:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 16:10	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:28	SMC	EET MID

Client Sample ID: SW-7 (7.5)

Lab Sample ID: 890-9805-7
Matrix: Solid
Date Collected: 04/17/26 10:53
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/22/26 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/22/26 00:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/22/26 00:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 00:55	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (7.5)

Lab Sample ID: 890-9805-7
Matrix: Solid
Date Collected: 04/17/26 10:53
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:32	SMC	EET MID

Client Sample ID: SW-8 (7.5)

Lab Sample ID: 890-9805-8
Matrix: Solid
Date Collected: 04/17/26 10:57
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/22/26 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/22/26 00:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/22/26 01:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 01:40	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:37	SMC	EET MID

Client Sample ID: SW-9 (7.5)

Lab Sample ID: 890-9805-9
Matrix: Solid
Date Collected: 04/17/26 11:03
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/22/26 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/22/26 01:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/22/26 01:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 01:55	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:42	SMC	EET MID

Client Sample ID: SW-10 (7.5)

Lab Sample ID: 890-9805-10
Matrix: Solid
Date Collected: 04/17/26 11:09
Date Received: 04/17/26 16:51

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	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/22/26 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/22/26 01:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/22/26 02:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 02:10	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:47	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (7.5)

Date Collected: 04/17/26 11:13
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9805-11

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			5.05 g	5 mL	138366	04/20/26 16:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138400	04/22/26 03:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138586	04/22/26 03:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			138521	04/22/26 02:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 02:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138397	04/21/26 07:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138423	04/21/26 13:52	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 890-9805-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9805-1	SW-1 (7.5)	Solid	04/17/26 10:31	04/17/26 16:51	Texas
890-9805-2	SW-2 (7.5)	Solid	04/17/26 10:34	04/17/26 16:51	Texas
890-9805-3	SW-3 (7.5)	Solid	04/17/26 10:38	04/17/26 16:51	Texas
890-9805-4	SW-4 (7.5)	Solid	04/17/26 10:41	04/17/26 16:51	Texas
890-9805-5	SW-5 (7.5)	Solid	04/17/26 10:44	04/17/26 16:51	Texas
890-9805-6	SW-6 (7.5)	Solid	04/17/26 10:49	04/17/26 16:51	Texas
890-9805-7	SW-7 (7.5)	Solid	04/17/26 10:53	04/17/26 16:51	Texas
890-9805-8	SW-8 (7.5)	Solid	04/17/26 10:57	04/17/26 16:51	Texas
890-9805-9	SW-9 (7.5)	Solid	04/17/26 11:03	04/17/26 16:51	Texas
890-9805-10	SW-10 (7.5)	Solid	04/17/26 11:09	04/17/26 16:51	Texas
890-9805-11	SW-11 (7.5)	Solid	04/17/26 11:13	04/17/26 16:51	Texas

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

890-9805 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	☐ Routine ☑ Rush
Project Number:	3004	Due Date:	48 hour
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Thermo 7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	6.0
Total Containers:		Corrected Temperature:	5.8

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
SW-1 (7.5')	4/17/2026	10:31	X		Comp	1		X	X	X		
SW-2 (7.5')	4/17/2026	10:34	X		Comp	1		X	X	X		
SW-3 (7.5')	4/17/2026	10:38	X		Comp	1		X	X	X		
SW-4 (7.5')	4/17/2026	10:41	X		Comp	1		X	X	X		
SW-5 (7.5')	4/17/2026	10:44	X		Comp	1		X	X	X		
SW-6 (7.5')	4/17/2026	10:49	X		Comp	1		X	X	X		
SW-7 (7.5')	4/17/2026	10:53	X		Comp	1		X	X	X		
SW-8 (7.5')	4/17/2026	10:57	X		Comp	1		X	X	X		
SW-9 (7.5')	4/17/2026	11:03	X		Comp	1		X	X	X		
SW-10 (7.5')	4/17/2026	11:09	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			14:51 4/17

4/22/2026

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
SW-11 (7.5')	4/17/2026	11:13	X		Comp	1		X	X	X	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			16:07 4/17

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6823.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9805-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/21/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	80210/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
SW-1 (7.5) (890-9805-1)	4/17/26	10:31 Central	G	Solid			X	X	X	X	X								1	
SW-2 (7.5) (890-9805-2)	4/17/26	10:34 Central	G	Solid			X	X	X	X	X								1	
SW-3 (7.5) (890-9805-3)	4/17/26	10:38 Central	G	Solid			X	X	X	X	X								1	
SW-4 (7.5) (890-9805-4)	4/17/26	10:41 Central	G	Solid			X	X	X	X	X								1	
SW-5 (7.5) (890-9805-5)	4/17/26	10:44 Central	G	Solid			X	X	X	X	X								1	
SW-6 (7.5) (890-9805-6)	4/17/26	10:49 Central	G	Solid			X	X	X	X	X								1	
SW-7 (7.5) (890-9805-7)	4/17/26	10:53 Central	G	Solid			X	X	X	X	X								1	
SW-8 (7.5) (890-9805-8)	4/17/26	10:57 Central	G	Solid			X	X	X	X	X								1	
SW-9 (7.5) (890-9805-9)	4/17/26	11:03 Central	G	Solid			X	X	X	X	X								1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 5/26/2026 9:33:53 AM
Released to Imaging: 6/1/2026 1:09:57 PM
4/22/2026
Page 36 of 38

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9805-1
SDG Number: Lea County New Mexico

Login Number: 9805
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9805-1
SDG Number: Lea County New Mexico

Login Number: 9805
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/21/26 08:08 AM

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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/22/2026 1:48:53 PM

JOB DESCRIPTION

Lea unit #008
Lea County New Mexico

JOB NUMBER

890-9806-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

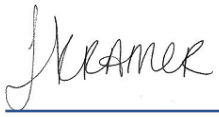
Eurofins Carlsbad

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
4/22/2026 1:48:53 PM

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

Client: Carmona Resources
Project/Site: Lea unit #008

Laboratory Job ID: 890-9806-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
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.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea unit #008

Job ID: 890-9806-1

Job ID: 890-9806-1 Eurofins Carlsbad

Job Narrative
890-9806-1

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

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

Receipt
The samples were received on 4/17/2026 4:51 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 5.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (7.5) (890-9806-1), CS-2 (7.5) (890-9806-2), CS-3 (7.5) (890-9806-3), CS-4 (7.5) (890-9806-4), CS-5 (7.5) (890-9806-5), CS-6 (7.5) (890-9806-6), CS-7 (7.5) (890-9806-7), CS-8 (7.5) (890-9806-8), CS-9 (7.5) (890-9806-9), CS-10 (7.5) (890-9806-10), CS-11 (7.5) (890-9806-11), CS-12 (7.5) (890-9806-12), CS-13 (7.5) (890-9806-13), CS-14 (7.5) (890-9806-14), CS-15 (7.5) (890-9806-15), CS-16 (7.5) (890-9806-16), CS-17 (7.5) (890-9806-17), CS-18 (7.5) (890-9806-18), CS-19 (7.5) (890-9806-19), CS-20 (7.5) (890-9806-20), CS-21 (7.5) (890-9806-21), CS-22 (7.5) (890-9806-22), CS-23 (7.5) (890-9806-23), CS-24 (7.5) (890-9806-24) and CS-25 (7.5) (890-9806-25).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138362 and analytical batch 880-138435 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-138362 and analytical batch 880-138435 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-25 (7.5) (890-9806-25). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1 (7.5) (890-9806-1), CS-3 (7.5) (890-9806-3), CS-8 (7.5) (890-9806-8), (CCV 880-138478/33) and (890-9806-A-1-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-138363 and analytical batch 880-138478 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-138363 and analytical batch 880-138478 was outside the upper control limits.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-138379/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-138379/2-A) and (LCSD 880-138379/3-A). Evidence of matrix interferences is not obvious.

Eurofins Carlsbad

Case Narrative

Client: Carmona Resources
Project: Lea unit #008

Job ID: 890-9806-1

Job ID: 890-9806-1 (Continued) Eurofins Carlsbad

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-138380/2-A) and (LCSD 880-138380/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-138378 and analytical batch 880-138409 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.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-1 (7.5)

Lab Sample ID: 890-9806-1
Matrix: Solid
Date Collected: 04/17/26 09:01
Date Received: 04/17/26 16:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:32	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:32	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:32	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		04/20/26 16:42	04/21/26 17:32	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:32	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		04/20/26 16:42	04/21/26 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/20/26 16:42*	*04/21/26 17:32*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*04/20/26 16:42*	*04/21/26 17:32*	*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			04/21/26 17:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**290**		49.8		mg/Kg			04/22/26 02:41	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		04/20/26 17:28	04/22/26 02:41	1
Diesel Range Organics (Over C10-C28)	**290**		49.8		mg/Kg		04/20/26 17:28	04/22/26 02:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/26 17:28	04/22/26 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:41*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.6**		9.96		mg/Kg			04/22/26 05:20	1

Client Sample ID: CS-2 (7.5)

Lab Sample ID: 890-9806-2
Matrix: Solid
Date Collected: 04/17/26 09:06
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 17:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 17:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 17:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/21/26 17:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 17:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/21/26 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*04/20/26 16:42*	*04/21/26 17:52*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/20/26 16:42*	*04/21/26 17:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-2 (7.5)

Lab Sample ID: 890-9806-2
Matrix: Solid
Date Collected: 04/17/26 09:06
Date Received: 04/17/26 16:51

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			04/21/26 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/22/26 02:57	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		04/20/26 17:28	04/22/26 02:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 02:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:57*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/20/26 17:28*	*04/22/26 02:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.3**		10.1		mg/Kg			04/22/26 05:36	1

Client Sample ID: CS-3 (7.5)

Lab Sample ID: 890-9806-3
Matrix: Solid
Date Collected: 04/17/26 09:09
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 18:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:42	04/21/26 18:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:42	04/21/26 18:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/20/26 16:42	04/21/26 18:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:42	04/21/26 18:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/20/26 16:42	04/21/26 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*04/20/26 16:42*	*04/21/26 18:13*	*1*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*	*04/20/26 16:42*	*04/21/26 18:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/21/26 18:13	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			04/22/26 03:12	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		04/20/26 17:28	04/22/26 03:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 03:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-3 (7.5)

Date Collected: 04/17/26 09:09
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-3

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)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/20/26 17:28*	*04/22/26 03:12*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/20/26 17:28*	*04/22/26 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.8**		10.1		mg/Kg			04/22/26 05:41	1

Client Sample ID: CS-4 (7.5)

Date Collected: 04/17/26 09:11
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-4

Matrix: Solid

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		04/20/26 16:42	04/21/26 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 18:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/21/26 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/21/26 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*04/20/26 16:42*	*04/21/26 18:34*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/20/26 16:42*	*04/21/26 18:34*	*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			04/21/26 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**82.7**		49.9		mg/Kg			04/22/26 03:28	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		04/20/26 17:28	04/22/26 03:28	1
Diesel Range Organics (Over C10-C28)	**82.7**		49.9		mg/Kg		04/20/26 17:28	04/22/26 03:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/20/26 17:28*	*04/22/26 03:28*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/20/26 17:28*	*04/22/26 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		9.90		mg/Kg			04/22/26 05:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-5 (7.5)

Date Collected: 04/17/26 09:13
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-5

Matrix: Solid

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		04/20/26 16:42	04/21/26 18:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 18:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 18:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 18:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 18:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/20/26 16:42*	*04/21/26 18:54*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/20/26 16:42*	*04/21/26 18:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/21/26 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**137**		50.0		mg/Kg			04/22/26 03:43	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		04/20/26 17:28	04/22/26 03:43	1
Diesel Range Organics (Over C10-C28)	**137**		50.0		mg/Kg		04/20/26 17:28	04/22/26 03:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/20/26 17:28*	*04/22/26 03:43*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/20/26 17:28*	*04/22/26 03:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.9**		10.1		mg/Kg			04/22/26 05:52	1

Client Sample ID: CS-6 (7.5)

Date Collected: 04/17/26 09:17
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-6

Matrix: Solid

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		04/20/26 16:42	04/21/26 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 19:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/21/26 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 19:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/21/26 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*04/20/26 16:42*	*04/21/26 19:15*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/20/26 16:42*	*04/21/26 19:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-6 (7.5)

Lab Sample ID: 890-9806-6
Matrix: Solid
Date Collected: 04/17/26 09:17
Date Received: 04/17/26 16:51

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			04/21/26 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**144**		49.9		mg/Kg			04/22/26 04:13	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		04/20/26 17:28	04/22/26 04:13	1
Diesel Range Organics (Over C10-C28)	**144**		49.9		mg/Kg		04/20/26 17:28	04/22/26 04:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/20/26 17:28*	*04/22/26 04:13*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/20/26 17:28*	*04/22/26 04:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/22/26 06:08	1

Client Sample ID: CS-7 (7.5)

Lab Sample ID: 890-9806-7
Matrix: Solid
Date Collected: 04/17/26 09:20
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 19:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 19:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 19:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/21/26 19:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 19:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/21/26 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/20/26 16:42*	*04/21/26 19:35*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/20/26 16:42*	*04/21/26 19:35*	*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			04/21/26 19:35	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			04/22/26 04:29	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		04/20/26 17:28	04/22/26 04:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 04:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-7 (7.5)

Lab Sample ID: 890-9806-7
Matrix: Solid
Date Collected: 04/17/26 09:20
Date Received: 04/17/26 16:51

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		04/20/26 17:28	04/22/26 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/20/26 17:28*	*04/22/26 04:29*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/20/26 17:28*	*04/22/26 04:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.5**		9.96		mg/Kg			04/22/26 06:13	1

Client Sample ID: CS-8 (7.5)

Lab Sample ID: 890-9806-8
Matrix: Solid
Date Collected: 04/17/26 09:24
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 19:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:42	04/21/26 19:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:42	04/21/26 19:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/20/26 16:42	04/21/26 19:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/20/26 16:42	04/21/26 19:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/20/26 16:42	04/21/26 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*04/20/26 16:42*	*04/21/26 19:56*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*04/20/26 16:42*	*04/21/26 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/21/26 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**176**		49.9		mg/Kg			04/22/26 04:44	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		04/20/26 17:28	04/22/26 04:44	1
Diesel Range Organics (Over C10-C28)	**176**		49.9		mg/Kg		04/20/26 17:28	04/22/26 04:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/20/26 17:28*	*04/22/26 04:44*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/20/26 17:28*	*04/22/26 04:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.6**		10.1		mg/Kg			04/22/26 06:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-9 (7.5)

Lab Sample ID: 890-9806-9
Matrix: Solid
Date Collected: 04/17/26 09:27
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 20:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 20:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 20:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/21/26 20:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/21/26 20:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/21/26 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*04/20/26 16:42*	*04/21/26 20:16*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/20/26 16:42*	*04/21/26 20:16*	*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			04/21/26 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**248**		49.9		mg/Kg			04/22/26 05:00	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		04/20/26 17:28	04/22/26 05:00	1
Diesel Range Organics (Over C10-C28)	**248**		49.9		mg/Kg		04/20/26 17:28	04/22/26 05:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:00*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.5**		10.1		mg/Kg			04/22/26 06:23	1

Client Sample ID: CS-10 (7.5)

Lab Sample ID: 890-9806-10
Matrix: Solid
Date Collected: 04/17/26 09:30
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 20:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 20:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 20:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/21/26 20:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 20:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/21/26 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*04/20/26 16:42*	*04/21/26 20:37*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/20/26 16:42*	*04/21/26 20:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-10 (7.5)

Lab Sample ID: 890-9806-10
Matrix: Solid
Date Collected: 04/17/26 09:30
Date Received: 04/17/26 16:51

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			04/21/26 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**299**		50.0		mg/Kg			04/22/26 05:15	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		04/20/26 17:28	04/22/26 05:15	1
Diesel Range Organics (Over C10-C28)	**299**		50.0		mg/Kg		04/20/26 17:28	04/22/26 05:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:15*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		9.90		mg/Kg			04/22/26 06:28	1

Client Sample ID: CS-11 (7.5)

Lab Sample ID: 890-9806-11
Matrix: Solid
Date Collected: 04/17/26 09:34
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 23:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:42	04/21/26 23:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:42	04/21/26 23:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/20/26 16:42	04/21/26 23:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:42	04/21/26 23:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/20/26 16:42	04/21/26 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/20/26 16:42*	*04/21/26 23:25*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/20/26 16:42*	*04/21/26 23:25*	*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			04/21/26 23:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**195**		49.8		mg/Kg			04/22/26 05:31	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		04/20/26 17:28	04/22/26 05:31	1
Diesel Range Organics (Over C10-C28)	**195**		49.8		mg/Kg		04/20/26 17:28	04/22/26 05:31	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-11 (7.5)

Lab Sample ID: 890-9806-11
Matrix: Solid
Date Collected: 04/17/26 09:34
Date Received: 04/17/26 16:51

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)	<49.8	U	49.8		mg/Kg		04/20/26 17:28	04/22/26 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:31*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.7**		10.1		mg/Kg			04/22/26 06:34	1

Client Sample ID: CS-12 (7.5)

Lab Sample ID: 890-9806-12
Matrix: Solid
Date Collected: 04/17/26 09:38
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/21/26 23:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 23:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 23:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/21/26 23:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/21/26 23:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/21/26 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/20/26 16:42*	*04/21/26 23:46*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/20/26 16:42*	*04/21/26 23:46*	*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			04/21/26 23:46	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			04/22/26 05:45	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		04/20/26 17:28	04/22/26 05:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 05:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:28	04/22/26 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:45*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/20/26 17:28*	*04/22/26 05:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			04/22/26 06:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-13 (7.5)

Lab Sample ID: 890-9806-13
Matrix: Solid
Date Collected: 04/17/26 09:40
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 00:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 00:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 00:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/22/26 00:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 00:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/22/26 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*04/20/26 16:42*	*04/22/26 00:06*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/20/26 16:42*	*04/22/26 00:06*	*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			04/22/26 00:06	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			04/22/26 06:01	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		04/20/26 17:28	04/22/26 06:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 06:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/20/26 17:28*	*04/22/26 06:01*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/20/26 17:28*	*04/22/26 06:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.2**		10.1		mg/Kg			04/22/26 06:55	1

Client Sample ID: CS-14 (7.5)

Lab Sample ID: 890-9806-14
Matrix: Solid
Date Collected: 04/17/26 09:43
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 00:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 00:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 00:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/22/26 00:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 00:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/22/26 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*04/20/26 16:42*	*04/22/26 00:27*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/20/26 16:42*	*04/22/26 00:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-14 (7.5)

Lab Sample ID: 890-9806-14
Matrix: Solid
Date Collected: 04/17/26 09:43
Date Received: 04/17/26 16:51

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			04/22/26 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**248**		49.8		mg/Kg			04/22/26 06:16	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		04/20/26 17:28	04/22/26 06:16	1
Diesel Range Organics (Over C10-C28)	**248**		49.8		mg/Kg		04/20/26 17:28	04/22/26 06:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/26 17:28	04/22/26 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/20/26 17:28*	*04/22/26 06:16*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/20/26 17:28*	*04/22/26 06:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.2**		10.0		mg/Kg			04/22/26 07:10	1

Client Sample ID: CS-15 (7.5)

Lab Sample ID: 890-9806-15
Matrix: Solid
Date Collected: 04/17/26 09:46
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 00:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 00:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 00:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/22/26 00:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 00:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/22/26 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/20/26 16:42*	*04/22/26 00:48*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/20/26 16:42*	*04/22/26 00:48*	*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			04/22/26 00:48	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			04/22/26 06:32	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		04/20/26 17:28	04/22/26 06:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 06:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-15 (7.5)

Lab Sample ID: 890-9806-15
Matrix: Solid
Date Collected: 04/17/26 09:46
Date Received: 04/17/26 16:51

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		04/20/26 17:28	04/22/26 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/20/26 17:28*	*04/22/26 06:32*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/20/26 17:28*	*04/22/26 06:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.2**		9.90		mg/Kg			04/22/26 07:16	1

Client Sample ID: CS-16 (7.5)

Lab Sample ID: 890-9806-16
Matrix: Solid
Date Collected: 04/17/26 09:49
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 01:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:42	04/22/26 01:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:42	04/22/26 01:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/20/26 16:42	04/22/26 01:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/20/26 16:42	04/22/26 01:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/20/26 16:42	04/22/26 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/20/26 16:42*	*04/22/26 01:08*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/20/26 16:42*	*04/22/26 01:08*	*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			04/22/26 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**120**		50.0		mg/Kg			04/21/26 17:53	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		04/20/26 17:30	04/21/26 17:53	1
Diesel Range Organics (Over C10-C28)	**120**		50.0		mg/Kg		04/20/26 17:30	04/21/26 17:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/20/26 17:30*	*04/21/26 17:53*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/20/26 17:30*	*04/21/26 17:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		10.1		mg/Kg			04/22/26 07:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-17 (7.5)

Lab Sample ID: 890-9806-17
Matrix: Solid
Date Collected: 04/17/26 09:51
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 01:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 01:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 01:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/22/26 01:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 01:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/22/26 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*04/20/26 16:42*	*04/22/26 01:29*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/20/26 16:42*	*04/22/26 01:29*	*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			04/22/26 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**348**		49.9		mg/Kg			04/21/26 18:39	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		04/20/26 17:30	04/21/26 18:39	1
Diesel Range Organics (Over C10-C28)	**254**		49.9		mg/Kg		04/20/26 17:30	04/21/26 18:39	1
Oil Range Organics (Over C28-C36)	**93.7**		49.9		mg/Kg		04/20/26 17:30	04/21/26 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/20/26 17:30*	*04/21/26 18:39*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/20/26 17:30*	*04/21/26 18:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.2**		9.98		mg/Kg			04/22/26 07:26	1

Client Sample ID: CS-18 (7.5)

Lab Sample ID: 890-9806-18
Matrix: Solid
Date Collected: 04/17/26 09:54
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 01:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 01:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 01:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/22/26 01:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/20/26 16:42	04/22/26 01:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/20/26 16:42	04/22/26 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/20/26 16:42*	*04/22/26 01:49*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/20/26 16:42*	*04/22/26 01:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-18 (7.5)

Lab Sample ID: 890-9806-18
Matrix: Solid
Date Collected: 04/17/26 09:54
Date Received: 04/17/26 16:51

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			04/22/26 01:49	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			04/21/26 18:54	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		04/20/26 17:30	04/21/26 18:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 18:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/20/26 17:30*	*04/21/26 18:54*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/20/26 17:30*	*04/21/26 18:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/22/26 07:31	1

Client Sample ID: CS-19 (7.5)

Lab Sample ID: 890-9806-19
Matrix: Solid
Date Collected: 04/17/26 09:58
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 02:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/22/26 02:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/22/26 02:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/22/26 02:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/26 16:42	04/22/26 02:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/26 16:42	04/22/26 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/20/26 16:42*	*04/22/26 02:10*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/20/26 16:42*	*04/22/26 02:10*	*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			04/22/26 02:10	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			04/21/26 19:10	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		04/20/26 17:30	04/21/26 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 19:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-19 (7.5)

Lab Sample ID: 890-9806-19
Matrix: Solid
Date Collected: 04/17/26 09:58
Date Received: 04/17/26 16:51

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		04/20/26 17:30	04/21/26 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:10*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.1		mg/Kg			04/22/26 07:36	1

Client Sample ID: CS-20 (7.5)

Lab Sample ID: 890-9806-20
Matrix: Solid
Date Collected: 04/17/26 10:02
Date Received: 04/17/26 16:51

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		04/20/26 16:42	04/22/26 02:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 02:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 02:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/22/26 02:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/22/26 02:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/26 16:42	04/22/26 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/20/26 16:42*	*04/22/26 02:30*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/20/26 16:42*	*04/22/26 02:30*	*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			04/22/26 02:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**281**		49.9		mg/Kg			04/21/26 19:25	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		04/20/26 17:30	04/21/26 19:25	1
Diesel Range Organics (Over C10-C28)	**281**		49.9		mg/Kg		04/20/26 17:30	04/21/26 19:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:30	04/21/26 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:25*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.7**		9.94		mg/Kg			04/22/26 07:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-21 (7.5)

Lab Sample ID: 890-9806-21
Matrix: Solid
Date Collected: 04/17/26 10:05
Date Received: 04/17/26 16:51

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		04/21/26 08:00	04/21/26 22:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 08:00	04/21/26 22:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 08:00	04/21/26 22:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 08:00	04/21/26 22:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 08:00	04/21/26 22:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 08:00	04/21/26 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*04/21/26 08:00*	*04/21/26 22:43*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/21/26 08:00*	*04/21/26 22:43*	*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			04/21/26 22:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**316**		49.9		mg/Kg			04/21/26 19:40	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		04/20/26 17:30	04/21/26 19:40	1
Diesel Range Organics (Over C10-C28)	**258**		49.9		mg/Kg		04/20/26 17:30	04/21/26 19:40	1
Oil Range Organics (Over C28-C36)	**57.7**		49.9		mg/Kg		04/20/26 17:30	04/21/26 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:40*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.8**		10.0		mg/Kg			04/22/26 08:59	1

Client Sample ID: CS-22 (7.5)

Lab Sample ID: 890-9806-22
Matrix: Solid
Date Collected: 04/17/26 10:09
Date Received: 04/17/26 16:51

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		04/21/26 08:00	04/21/26 23:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 08:00	04/21/26 23:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 08:00	04/21/26 23:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 08:00	04/21/26 23:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 08:00	04/21/26 23:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 08:00	04/21/26 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/21/26 08:00*	*04/21/26 23:04*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/21/26 08:00*	*04/21/26 23:04*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-22 (7.5)

Lab Sample ID: 890-9806-22
Matrix: Solid
Date Collected: 04/17/26 10:09
Date Received: 04/17/26 16:51

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			04/21/26 23:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**138**		50.0		mg/Kg			04/21/26 19:55	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		04/20/26 17:30	04/21/26 19:55	1
Diesel Range Organics (Over C10-C28)	**138**		50.0		mg/Kg		04/20/26 17:30	04/21/26 19:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:55*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/20/26 17:30*	*04/21/26 19:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.3**		9.92		mg/Kg			04/22/26 09:14	1

Client Sample ID: CS-23 (7.5)

Lab Sample ID: 890-9806-23
Matrix: Solid
Date Collected: 04/17/26 10:12
Date Received: 04/17/26 16:51

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		04/21/26 08:00	04/21/26 23:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 08:00	04/21/26 23:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 08:00	04/21/26 23:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 08:00	04/21/26 23:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 08:00	04/21/26 23:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 08:00	04/21/26 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/21/26 08:00*	*04/21/26 23:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/21/26 08:00*	*04/21/26 23:24*	*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			04/21/26 23:24	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			04/21/26 20:10	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		04/20/26 17:30	04/21/26 20:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/26 17:30	04/21/26 20:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-23 (7.5)

Lab Sample ID: 890-9806-23
Matrix: Solid
Date Collected: 04/17/26 10:12
Date Received: 04/17/26 16:51

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)	<49.8	U	49.8		mg/Kg		04/20/26 17:30	04/21/26 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/20/26 17:30*	*04/21/26 20:10*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/20/26 17:30*	*04/21/26 20:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.8**		9.98		mg/Kg			04/22/26 09:19	1

Client Sample ID: CS-24 (7.5)

Lab Sample ID: 890-9806-24
Matrix: Solid
Date Collected: 04/17/26 10:15
Date Received: 04/17/26 16:51

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		04/21/26 08:00	04/21/26 23:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 08:00	04/21/26 23:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 08:00	04/21/26 23:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 08:00	04/21/26 23:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/26 08:00	04/21/26 23:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 08:00	04/21/26 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/21/26 08:00*	*04/21/26 23:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/21/26 08:00*	*04/21/26 23:45*	*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			04/21/26 23:45	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			04/21/26 20:25	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		04/20/26 17:30	04/21/26 20:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/26 17:30	04/21/26 20:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/26 17:30	04/21/26 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/20/26 17:30*	*04/21/26 20:25*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/20/26 17:30*	*04/21/26 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.0**		9.96		mg/Kg			04/22/26 09:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-25 (7.5)

Date Collected: 04/17/26 10:18
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-25

Matrix: Solid

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		04/21/26 08:00	04/22/26 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 08:00	04/22/26 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 08:00	04/22/26 00:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 08:00	04/22/26 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 08:00	04/22/26 00:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 08:00	04/22/26 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*208*	*S1+*	*70 - 130*	*04/21/26 08:00*	*04/22/26 00:05*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 08:00*	*04/22/26 00:05*	*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			04/22/26 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**340**		50.0		mg/Kg			04/22/26 06:32	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		04/20/26 17:32	04/22/26 06:32	1
Diesel Range Organics (Over C10-C28)	**268**		50.0		mg/Kg		04/20/26 17:32	04/22/26 06:32	1
Oil Range Organics (Over C28-C36)	**71.9**		50.0		mg/Kg		04/20/26 17:32	04/22/26 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/20/26 17:32*	*04/22/26 06:32*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/20/26 17:32*	*04/22/26 06:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.8**		9.92		mg/Kg			04/22/26 09:28	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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)
890-9785-A-1-F MS	Matrix Spike	128	99
890-9785-A-1-G MSD	Matrix Spike Duplicate	103	115
890-9806-1	CS-1 (7.5)	131 S1+	123
890-9806-1 MS	CS-1 (7.5)	138 S1+	93
890-9806-1 MSD	CS-1 (7.5)	80	74
890-9806-2	CS-2 (7.5)	86	72
890-9806-3	CS-3 (7.5)	163 S1+	126
890-9806-4	CS-4 (7.5)	83	75
890-9806-5	CS-5 (7.5)	114	98
890-9806-6	CS-6 (7.5)	83	71
890-9806-7	CS-7 (7.5)	87	74
890-9806-8	CS-8 (7.5)	83	69 S1-
890-9806-9	CS-9 (7.5)	82	72
890-9806-10	CS-10 (7.5)	85	74
890-9806-11	CS-11 (7.5)	94	74
890-9806-12	CS-12 (7.5)	94	75
890-9806-13	CS-13 (7.5)	86	70
890-9806-14	CS-14 (7.5)	88	74
890-9806-15	CS-15 (7.5)	102	83
890-9806-16	CS-16 (7.5)	91	74
890-9806-17	CS-17 (7.5)	88	72
890-9806-18	CS-18 (7.5)	96	76
890-9806-19	CS-19 (7.5)	111	85
890-9806-20	CS-20 (7.5)	91	73
890-9806-21	CS-21 (7.5)	113	106
890-9806-22	CS-22 (7.5)	114	105
890-9806-23	CS-23 (7.5)	122	103
890-9806-24	CS-24 (7.5)	125	101
890-9806-25	CS-25 (7.5)	208 S1+	98
LCS 880-138362/1-A	Lab Control Sample	115	111
LCS 880-138363/1-A	Lab Control Sample	79	81
LCSD 880-138362/2-A	Lab Control Sample Dup	106	109
LCSD 880-138363/2-A	Lab Control Sample Dup	76	84
MB 880-138362/5-A	Method Blank	199 S1+	111
MB 880-138363/5-A	Method Blank	87	65 S1-

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)
880-71162-A-1-C MSD	Matrix Spike Duplicate	95	98
880-71162-A-1-J MS	Matrix Spike	93	96
890-9805-A-7-B MS	Matrix Spike	106	117
890-9805-A-7-C MSD	Matrix Spike Duplicate	111	130

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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)								
890-9806-1	CS-1 (7.5)	84	102								
890-9806-2	CS-2 (7.5)	113	110								
890-9806-3	CS-3 (7.5)	101	108								
890-9806-4	CS-4 (7.5)	99	113								
890-9806-5	CS-5 (7.5)	112	117								
890-9806-6	CS-6 (7.5)	108	113								
890-9806-7	CS-7 (7.5)	111	112								
890-9806-8	CS-8 (7.5)	95	100								
890-9806-9	CS-9 (7.5)	102	116								
890-9806-10	CS-10 (7.5)	103	105								
890-9806-11	CS-11 (7.5)	107	108								
890-9806-12	CS-12 (7.5)	100	105								
890-9806-13	CS-13 (7.5)	98	106								
890-9806-14	CS-14 (7.5)	111	106								
890-9806-15	CS-15 (7.5)	105	118								
890-9806-16	CS-16 (7.5)	94	89								
890-9806-16 MS	CS-16 (7.5)	89	93								
890-9806-16 MSD	CS-16 (7.5)	89	93								
890-9806-17	CS-17 (7.5)	96	95								
890-9806-18	CS-18 (7.5)	100	99								
890-9806-19	CS-19 (7.5)	94	91								
890-9806-20	CS-20 (7.5)	92	90								
890-9806-21	CS-21 (7.5)	102	96								
890-9806-22	CS-22 (7.5)	101	96								
890-9806-23	CS-23 (7.5)	103	100								
890-9806-24	CS-24 (7.5)	95	91								
890-9806-25	CS-25 (7.5)	102	95								
LCS 880-138378/2-A	Lab Control Sample	80	90								
LCS 880-138379/2-A	Lab Control Sample	69 S1-	75								
LCS 880-138380/2-A	Lab Control Sample	69 S1-	74								
LCSD 880-138378/3-A	Lab Control Sample Dup	88	99								
LCSD 880-138379/3-A	Lab Control Sample Dup	67 S1-	74								
LCSD 880-138380/3-A	Lab Control Sample Dup	67 S1-	74								
MB 880-138378/1-A	Method Blank	89	86								
MB 880-138379/1-A	Method Blank	84	145 S1+								
MB 880-138380/1-A	Method Blank	81	79								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138362/5-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 16:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*199*	*S1+*	*70 - 130*	*04/20/26 16:42*	*04/21/26 16:38*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/20/26 16:42*	*04/21/26 16:38*	*1*

Lab Sample ID: LCS 880-138362/1-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138362

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1173		mg/Kg		117	70 - 130		
Toluene			0.100	0.09327		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.1117		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene			0.200	0.2373		mg/Kg		119	70 - 130		
o-Xylene			0.100	0.1144		mg/Kg		114	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-138362/2-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138362

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1113		mg/Kg		111	70 - 130	5	35
Toluene			0.100	0.09682		mg/Kg		97	70 - 130	4	35
Ethylbenzene			0.100	0.1053		mg/Kg		105	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.2135		mg/Kg		107	70 - 130	11	35
o-Xylene			0.100	0.1041		mg/Kg		104	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 890-9785-A-1-F MS
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.07323		mg/Kg		73	70 - 130		
Toluene	<0.00200	U F1	0.100	0.05442	F1	mg/Kg		54	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9785-A-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138435 — **Prep Batch: 138362**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.05306	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1177	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06134	F1	mg/Kg		61	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-9785-A-1-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138435 — **Prep Batch: 138362**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08911		mg/Kg		89	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.05965	F1	mg/Kg		60	70 - 130	9	35
Ethylbenzene	<0.00200	U F1	0.100	0.04997	F1	mg/Kg		50	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1052	F1	mg/Kg		53	70 - 130	11	35
o-Xylene	<0.00200	U F1	0.100	0.05458	F1	mg/Kg		55	70 - 130	12	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: MB 880-138363/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138478 — **Prep Batch: 138363**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 17:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/20/26 16:42*	*04/21/26 17:10*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*04/20/26 16:42*	*04/21/26 17:10*	*1*

Lab Sample ID: LCS 880-138363/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138478 — **Prep Batch: 138363**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08706		mg/Kg		87	70 - 130
Toluene	0.100	0.07927		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.1061		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.1804		mg/Kg		90	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138363/1-A
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138363

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08339		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

Lab Sample ID: LCSD 880-138363/2-A
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08803		mg/Kg		88	70 - 130	1	35
Toluene			0.100	0.07486		mg/Kg		75	70 - 130	6	35
Ethylbenzene			0.100	0.1008		mg/Kg		101	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1799		mg/Kg		90	70 - 130	0	35
o-Xylene			0.100	0.08364		mg/Kg		84	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: 890-9806-1 MS
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: CS-1 (7.5)
Prep Type: Total/NA
Prep Batch: 138363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F2 F1	0.100	0.1045		mg/Kg		104	70 - 130		
Toluene	<0.00200	U F1	0.100	0.09308		mg/Kg		93	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.08800		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1745		mg/Kg		87	70 - 130		
o-Xylene	<0.00200	U F2 F1	0.100	0.1077		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-9806-1 MSD
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: CS-1 (7.5)
Prep Type: Total/NA
Prep Batch: 138363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.06053	F2 F1	mg/Kg		61	70 - 130	53	35
Toluene	<0.00200	U F1	0.100	0.06502	F1	mg/Kg		65	70 - 130	35	35
Ethylbenzene	<0.00200	U F1	0.100	0.06289	F1	mg/Kg		63	70 - 130	33	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1166	F2 F1	mg/Kg		58	70 - 130	40	35
o-Xylene	<0.00200	U F2 F1	0.100	0.06244	F2 F1	mg/Kg		62	70 - 130	53	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9806-1 MSD
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: CS-1 (7.5)
Prep Type: Total/NA
Prep Batch: 138363

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

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

Lab Sample ID: MB 880-138378/1-A
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138378

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		04/20/26 17:28	04/22/26 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:28	04/22/26 00:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/20/26 17:28*	*04/22/26 00:10*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/20/26 17:28*	*04/22/26 00:10*	*1*

Lab Sample ID: LCS 880-138378/2-A
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138378

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1054		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	979.9		mg/Kg		98	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-138378/3-A
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138378

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1163		mg/Kg		116	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1079		mg/Kg		108	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	*88*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9805-A-7-B MS
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138378

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1309		mg/Kg		129	70 - 130
Diesel Range Organics (Over C10-C28)	210		1000	1309		mg/Kg		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*117*		*70 - 130*

Lab Sample ID: 890-9805-A-7-C MSD
Matrix: Solid
Analysis Batch: 138409

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138378

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	<50.0	U F1	1000	1350	F1	mg/Kg		133	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	210		1000	1419		mg/Kg		121	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*130*		*70 - 130*

Lab Sample ID: MB 880-138379/1-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138379

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		04/20/26 17:30	04/21/26 17:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 17:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:30	04/21/26 17:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/20/26 17:30*	*04/21/26 17:03*	*1*
o-Terphenyl (Surr)	*145*	*S1+*	*70 - 130*	*04/20/26 17:30*	*04/21/26 17:03*	*1*

Lab Sample ID: LCS 880-138379/2-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138379

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	746.7		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	1000	757.7		mg/Kg		76	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138379/2-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138379

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	69	S1-	70 - 130
o-Terphenyl (Surr)	75		70 - 130

Lab Sample ID: LCSD 880-138379/3-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	721.3		mg/Kg		72	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	735.7		mg/Kg		74	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	67	S1-	70 - 130
o-Terphenyl (Surr)	74		70 - 130

Lab Sample ID: 890-9806-16 MS
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: CS-16 (7.5)
Prep Type: Total/NA
Prep Batch: 138379

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	897.3		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	120		998	945.5		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-9806-16 MSD
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: CS-16 (7.5)
Prep Type: Total/NA
Prep Batch: 138379

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	<50.0	U	998	897.4		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	120		998	956.7		mg/Kg		84	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	93		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138380/1-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138380

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		04/20/26 17:32	04/22/26 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/26 17:32	04/22/26 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/26 17:32	04/22/26 00:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/20/26 17:32*	*04/22/26 00:10*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/20/26 17:32*	*04/22/26 00:10*	*1*

Lab Sample ID: LCS 880-138380/2-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138380

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	759.2		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	753.4		mg/Kg		75	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*74*		*70 - 130*

Lab Sample ID: LCSD 880-138380/3-A
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	727.1		mg/Kg		73	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	744.9		mg/Kg		74	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*74*		*70 - 130*

Lab Sample ID: 880-71162-A-1-C MSD
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138380

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	<50.0	U	997	850.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	857.1		mg/Kg		86	70 - 130	2	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71162-A-1-C MSD
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138380

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-71162-A-1-J MS
Matrix: Solid
Analysis Batch: 138410

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	841.9		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	842.2		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138343/1-A
Matrix: Solid
Analysis Batch: 138424

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			04/22/26 05:05	1

Lab Sample ID: LCS 880-138343/2-A
Matrix: Solid
Analysis Batch: 138424

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-138343/3-A
Matrix: Solid
Analysis Batch: 138424

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	244.3		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 890-9806-1 MS
Matrix: Solid
Analysis Batch: 138424

Client Sample ID: CS-1 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.6		249	294.6		mg/Kg		107	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9806-1 MSD
Matrix: Solid
Analysis Batch: 138424

Client Sample ID: CS-1 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.6		249	288.5		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 890-9806-11 MS
Matrix: Solid
Analysis Batch: 138424

Client Sample ID: CS-11 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	47.7		253	312.3		mg/Kg		105	90 - 110

Lab Sample ID: 890-9806-11 MSD
Matrix: Solid
Analysis Batch: 138424

Client Sample ID: CS-11 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	47.7		253	309.5		mg/Kg		104	90 - 110	1	20

Lab Sample ID: MB 880-138399/1-A
Matrix: Solid
Analysis Batch: 138554

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			04/22/26 08:45	1

Lab Sample ID: LCS 880-138399/2-A
Matrix: Solid
Analysis Batch: 138554

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.9		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-138399/3-A
Matrix: Solid
Analysis Batch: 138554

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	260.1		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 890-9806-21 MS
Matrix: Solid
Analysis Batch: 138554

Client Sample ID: CS-21 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	69.8		250	316.4		mg/Kg		99	90 - 110

Lab Sample ID: 890-9806-21 MSD
Matrix: Solid
Analysis Batch: 138554

Client Sample ID: CS-21 (7.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	69.8		250	318.3		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-21	CS-21 (7.5)	Total/NA	Solid	5035	
890-9806-22	CS-22 (7.5)	Total/NA	Solid	5035	
890-9806-23	CS-23 (7.5)	Total/NA	Solid	5035	
890-9806-24	CS-24 (7.5)	Total/NA	Solid	5035	
890-9806-25	CS-25 (7.5)	Total/NA	Solid	5035	
MB 880-138362/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138362/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138362/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9785-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-9785-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 138363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Total/NA	Solid	5035	
890-9806-2	CS-2 (7.5)	Total/NA	Solid	5035	
890-9806-3	CS-3 (7.5)	Total/NA	Solid	5035	
890-9806-4	CS-4 (7.5)	Total/NA	Solid	5035	
890-9806-5	CS-5 (7.5)	Total/NA	Solid	5035	
890-9806-6	CS-6 (7.5)	Total/NA	Solid	5035	
890-9806-7	CS-7 (7.5)	Total/NA	Solid	5035	
890-9806-8	CS-8 (7.5)	Total/NA	Solid	5035	
890-9806-9	CS-9 (7.5)	Total/NA	Solid	5035	
890-9806-10	CS-10 (7.5)	Total/NA	Solid	5035	
890-9806-11	CS-11 (7.5)	Total/NA	Solid	5035	
890-9806-12	CS-12 (7.5)	Total/NA	Solid	5035	
890-9806-13	CS-13 (7.5)	Total/NA	Solid	5035	
890-9806-14	CS-14 (7.5)	Total/NA	Solid	5035	
890-9806-15	CS-15 (7.5)	Total/NA	Solid	5035	
890-9806-16	CS-16 (7.5)	Total/NA	Solid	5035	
890-9806-17	CS-17 (7.5)	Total/NA	Solid	5035	
890-9806-18	CS-18 (7.5)	Total/NA	Solid	5035	
890-9806-19	CS-19 (7.5)	Total/NA	Solid	5035	
890-9806-20	CS-20 (7.5)	Total/NA	Solid	5035	
MB 880-138363/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138363/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138363/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9806-1 MS	CS-1 (7.5)	Total/NA	Solid	5035	
890-9806-1 MSD	CS-1 (7.5)	Total/NA	Solid	5035	

Analysis Batch: 138435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-21	CS-21 (7.5)	Total/NA	Solid	8021B	138362
890-9806-22	CS-22 (7.5)	Total/NA	Solid	8021B	138362
890-9806-23	CS-23 (7.5)	Total/NA	Solid	8021B	138362
890-9806-24	CS-24 (7.5)	Total/NA	Solid	8021B	138362
890-9806-25	CS-25 (7.5)	Total/NA	Solid	8021B	138362
MB 880-138362/5-A	Method Blank	Total/NA	Solid	8021B	138362
LCS 880-138362/1-A	Lab Control Sample	Total/NA	Solid	8021B	138362
LCSD 880-138362/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138362
890-9785-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	138362
890-9785-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138362

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 138478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Total/NA	Solid	8021B	138363
890-9806-2	CS-2 (7.5)	Total/NA	Solid	8021B	138363
890-9806-3	CS-3 (7.5)	Total/NA	Solid	8021B	138363
890-9806-4	CS-4 (7.5)	Total/NA	Solid	8021B	138363
890-9806-5	CS-5 (7.5)	Total/NA	Solid	8021B	138363
890-9806-6	CS-6 (7.5)	Total/NA	Solid	8021B	138363
890-9806-7	CS-7 (7.5)	Total/NA	Solid	8021B	138363
890-9806-8	CS-8 (7.5)	Total/NA	Solid	8021B	138363
890-9806-9	CS-9 (7.5)	Total/NA	Solid	8021B	138363
890-9806-10	CS-10 (7.5)	Total/NA	Solid	8021B	138363
890-9806-11	CS-11 (7.5)	Total/NA	Solid	8021B	138363
890-9806-12	CS-12 (7.5)	Total/NA	Solid	8021B	138363
890-9806-13	CS-13 (7.5)	Total/NA	Solid	8021B	138363
890-9806-14	CS-14 (7.5)	Total/NA	Solid	8021B	138363
890-9806-15	CS-15 (7.5)	Total/NA	Solid	8021B	138363
890-9806-16	CS-16 (7.5)	Total/NA	Solid	8021B	138363
890-9806-17	CS-17 (7.5)	Total/NA	Solid	8021B	138363
890-9806-18	CS-18 (7.5)	Total/NA	Solid	8021B	138363
890-9806-19	CS-19 (7.5)	Total/NA	Solid	8021B	138363
890-9806-20	CS-20 (7.5)	Total/NA	Solid	8021B	138363
MB 880-138363/5-A	Method Blank	Total/NA	Solid	8021B	138363
LCS 880-138363/1-A	Lab Control Sample	Total/NA	Solid	8021B	138363
LCSD 880-138363/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138363
890-9806-1 MS	CS-1 (7.5)	Total/NA	Solid	8021B	138363
890-9806-1 MSD	CS-1 (7.5)	Total/NA	Solid	8021B	138363

Analysis Batch: 138591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-2	CS-2 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-3	CS-3 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-4	CS-4 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-5	CS-5 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-6	CS-6 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-7	CS-7 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-8	CS-8 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-9	CS-9 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-10	CS-10 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-11	CS-11 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-12	CS-12 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-13	CS-13 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-14	CS-14 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-15	CS-15 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-16	CS-16 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-17	CS-17 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-18	CS-18 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-19	CS-19 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-20	CS-20 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-21	CS-21 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-22	CS-22 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-23	CS-23 (7.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 138591 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-24	CS-24 (7.5)	Total/NA	Solid	Total BTEX	
890-9806-25	CS-25 (7.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-2	CS-2 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-3	CS-3 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-4	CS-4 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-5	CS-5 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-6	CS-6 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-7	CS-7 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-8	CS-8 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-9	CS-9 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-10	CS-10 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-11	CS-11 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-12	CS-12 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-13	CS-13 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-14	CS-14 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-15	CS-15 (7.5)	Total/NA	Solid	8015NM Prep	
MB 880-138378/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138378/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138378/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9805-A-7-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9805-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 138379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-16	CS-16 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-17	CS-17 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-18	CS-18 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-19	CS-19 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-20	CS-20 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-21	CS-21 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-22	CS-22 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-23	CS-23 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-24	CS-24 (7.5)	Total/NA	Solid	8015NM Prep	
MB 880-138379/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138379/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9806-16 MS	CS-16 (7.5)	Total/NA	Solid	8015NM Prep	
890-9806-16 MSD	CS-16 (7.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 138380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-25	CS-25 (7.5)	Total/NA	Solid	8015NM Prep	
MB 880-138380/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138380/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 138380 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71162-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
880-71162-A-1-J MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-2	CS-2 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-3	CS-3 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-4	CS-4 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-5	CS-5 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-6	CS-6 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-7	CS-7 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-8	CS-8 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-9	CS-9 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-10	CS-10 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-11	CS-11 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-12	CS-12 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-13	CS-13 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-14	CS-14 (7.5)	Total/NA	Solid	8015B NM	138378
890-9806-15	CS-15 (7.5)	Total/NA	Solid	8015B NM	138378
MB 880-138378/1-A	Method Blank	Total/NA	Solid	8015B NM	138378
LCS 880-138378/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138378
LCSD 880-138378/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138378
890-9805-A-7-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138378
890-9805-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138378

Analysis Batch: 138410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-16	CS-16 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-17	CS-17 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-18	CS-18 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-19	CS-19 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-20	CS-20 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-21	CS-21 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-22	CS-22 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-23	CS-23 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-24	CS-24 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-25	CS-25 (7.5)	Total/NA	Solid	8015B NM	138380
MB 880-138379/1-A	Method Blank	Total/NA	Solid	8015B NM	138379
MB 880-138380/1-A	Method Blank	Total/NA	Solid	8015B NM	138380
LCS 880-138379/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138379
LCS 880-138380/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138380
LCSD 880-138379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138379
LCSD 880-138380/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138380
880-71162-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138380
880-71162-A-1-J MS	Matrix Spike	Total/NA	Solid	8015B NM	138380
890-9806-16 MS	CS-16 (7.5)	Total/NA	Solid	8015B NM	138379
890-9806-16 MSD	CS-16 (7.5)	Total/NA	Solid	8015B NM	138379

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 138605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Total/NA	Solid	8015 NM	
890-9806-2	CS-2 (7.5)	Total/NA	Solid	8015 NM	
890-9806-3	CS-3 (7.5)	Total/NA	Solid	8015 NM	
890-9806-4	CS-4 (7.5)	Total/NA	Solid	8015 NM	
890-9806-5	CS-5 (7.5)	Total/NA	Solid	8015 NM	
890-9806-6	CS-6 (7.5)	Total/NA	Solid	8015 NM	
890-9806-7	CS-7 (7.5)	Total/NA	Solid	8015 NM	
890-9806-8	CS-8 (7.5)	Total/NA	Solid	8015 NM	
890-9806-9	CS-9 (7.5)	Total/NA	Solid	8015 NM	
890-9806-10	CS-10 (7.5)	Total/NA	Solid	8015 NM	
890-9806-11	CS-11 (7.5)	Total/NA	Solid	8015 NM	
890-9806-12	CS-12 (7.5)	Total/NA	Solid	8015 NM	
890-9806-13	CS-13 (7.5)	Total/NA	Solid	8015 NM	
890-9806-14	CS-14 (7.5)	Total/NA	Solid	8015 NM	
890-9806-15	CS-15 (7.5)	Total/NA	Solid	8015 NM	
890-9806-16	CS-16 (7.5)	Total/NA	Solid	8015 NM	
890-9806-17	CS-17 (7.5)	Total/NA	Solid	8015 NM	
890-9806-18	CS-18 (7.5)	Total/NA	Solid	8015 NM	
890-9806-19	CS-19 (7.5)	Total/NA	Solid	8015 NM	
890-9806-20	CS-20 (7.5)	Total/NA	Solid	8015 NM	
890-9806-21	CS-21 (7.5)	Total/NA	Solid	8015 NM	
890-9806-22	CS-22 (7.5)	Total/NA	Solid	8015 NM	
890-9806-23	CS-23 (7.5)	Total/NA	Solid	8015 NM	
890-9806-24	CS-24 (7.5)	Total/NA	Solid	8015 NM	
890-9806-25	CS-25 (7.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Soluble	Solid	DI Leach	
890-9806-2	CS-2 (7.5)	Soluble	Solid	DI Leach	
890-9806-3	CS-3 (7.5)	Soluble	Solid	DI Leach	
890-9806-4	CS-4 (7.5)	Soluble	Solid	DI Leach	
890-9806-5	CS-5 (7.5)	Soluble	Solid	DI Leach	
890-9806-6	CS-6 (7.5)	Soluble	Solid	DI Leach	
890-9806-7	CS-7 (7.5)	Soluble	Solid	DI Leach	
890-9806-8	CS-8 (7.5)	Soluble	Solid	DI Leach	
890-9806-9	CS-9 (7.5)	Soluble	Solid	DI Leach	
890-9806-10	CS-10 (7.5)	Soluble	Solid	DI Leach	
890-9806-11	CS-11 (7.5)	Soluble	Solid	DI Leach	
890-9806-12	CS-12 (7.5)	Soluble	Solid	DI Leach	
890-9806-13	CS-13 (7.5)	Soluble	Solid	DI Leach	
890-9806-14	CS-14 (7.5)	Soluble	Solid	DI Leach	
890-9806-15	CS-15 (7.5)	Soluble	Solid	DI Leach	
890-9806-16	CS-16 (7.5)	Soluble	Solid	DI Leach	
890-9806-17	CS-17 (7.5)	Soluble	Solid	DI Leach	
890-9806-18	CS-18 (7.5)	Soluble	Solid	DI Leach	
890-9806-19	CS-19 (7.5)	Soluble	Solid	DI Leach	
890-9806-20	CS-20 (7.5)	Soluble	Solid	DI Leach	
MB 880-138343/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 138343 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-138343/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138343/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9806-1 MS	CS-1 (7.5)	Soluble	Solid	DI Leach	
890-9806-1 MSD	CS-1 (7.5)	Soluble	Solid	DI Leach	
890-9806-11 MS	CS-11 (7.5)	Soluble	Solid	DI Leach	
890-9806-11 MSD	CS-11 (7.5)	Soluble	Solid	DI Leach	

Leach Batch: 138399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-21	CS-21 (7.5)	Soluble	Solid	DI Leach	
890-9806-22	CS-22 (7.5)	Soluble	Solid	DI Leach	
890-9806-23	CS-23 (7.5)	Soluble	Solid	DI Leach	
890-9806-24	CS-24 (7.5)	Soluble	Solid	DI Leach	
890-9806-25	CS-25 (7.5)	Soluble	Solid	DI Leach	
MB 880-138399/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138399/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138399/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9806-21 MS	CS-21 (7.5)	Soluble	Solid	DI Leach	
890-9806-21 MSD	CS-21 (7.5)	Soluble	Solid	DI Leach	

Analysis Batch: 138424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-1	CS-1 (7.5)	Soluble	Solid	300.0	138343
890-9806-2	CS-2 (7.5)	Soluble	Solid	300.0	138343
890-9806-3	CS-3 (7.5)	Soluble	Solid	300.0	138343
890-9806-4	CS-4 (7.5)	Soluble	Solid	300.0	138343
890-9806-5	CS-5 (7.5)	Soluble	Solid	300.0	138343
890-9806-6	CS-6 (7.5)	Soluble	Solid	300.0	138343
890-9806-7	CS-7 (7.5)	Soluble	Solid	300.0	138343
890-9806-8	CS-8 (7.5)	Soluble	Solid	300.0	138343
890-9806-9	CS-9 (7.5)	Soluble	Solid	300.0	138343
890-9806-10	CS-10 (7.5)	Soluble	Solid	300.0	138343
890-9806-11	CS-11 (7.5)	Soluble	Solid	300.0	138343
890-9806-12	CS-12 (7.5)	Soluble	Solid	300.0	138343
890-9806-13	CS-13 (7.5)	Soluble	Solid	300.0	138343
890-9806-14	CS-14 (7.5)	Soluble	Solid	300.0	138343
890-9806-15	CS-15 (7.5)	Soluble	Solid	300.0	138343
890-9806-16	CS-16 (7.5)	Soluble	Solid	300.0	138343
890-9806-17	CS-17 (7.5)	Soluble	Solid	300.0	138343
890-9806-18	CS-18 (7.5)	Soluble	Solid	300.0	138343
890-9806-19	CS-19 (7.5)	Soluble	Solid	300.0	138343
890-9806-20	CS-20 (7.5)	Soluble	Solid	300.0	138343
MB 880-138343/1-A	Method Blank	Soluble	Solid	300.0	138343
LCS 880-138343/2-A	Lab Control Sample	Soluble	Solid	300.0	138343
LCSD 880-138343/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138343
890-9806-1 MS	CS-1 (7.5)	Soluble	Solid	300.0	138343
890-9806-1 MSD	CS-1 (7.5)	Soluble	Solid	300.0	138343
890-9806-11 MS	CS-11 (7.5)	Soluble	Solid	300.0	138343
890-9806-11 MSD	CS-11 (7.5)	Soluble	Solid	300.0	138343

QC Association Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 138554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9806-21	CS-21 (7.5)	Soluble	Solid	300.0	138399
890-9806-22	CS-22 (7.5)	Soluble	Solid	300.0	138399
890-9806-23	CS-23 (7.5)	Soluble	Solid	300.0	138399
890-9806-24	CS-24 (7.5)	Soluble	Solid	300.0	138399
890-9806-25	CS-25 (7.5)	Soluble	Solid	300.0	138399
MB 880-138399/1-A	Method Blank	Soluble	Solid	300.0	138399
LCS 880-138399/2-A	Lab Control Sample	Soluble	Solid	300.0	138399
LCSD 880-138399/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138399
890-9806-21 MS	CS-21 (7.5)	Soluble	Solid	300.0	138399
890-9806-21 MSD	CS-21 (7.5)	Soluble	Solid	300.0	138399

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-1 (7.5)

Lab Sample ID: 890-9806-1
Matrix: Solid
Date Collected: 04/17/26 09:01
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 17:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 17:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 02:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 02:41	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 05:20	CS	EET MID

Client Sample ID: CS-2 (7.5)

Lab Sample ID: 890-9806-2
Matrix: Solid
Date Collected: 04/17/26 09:06
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 17:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 02:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 02:57	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 05:36	CS	EET MID

Client Sample ID: CS-3 (7.5)

Lab Sample ID: 890-9806-3
Matrix: Solid
Date Collected: 04/17/26 09:09
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 18:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 18:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 03:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 03:12	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 05:41	CS	EET MID

Client Sample ID: CS-4 (7.5)

Lab Sample ID: 890-9806-4
Matrix: Solid
Date Collected: 04/17/26 09:11
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 18:34	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-4 (7.5)

Lab Sample ID: 890-9806-4
Matrix: Solid
Date Collected: 04/17/26 09:11
Date Received: 04/17/26 16:51

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			138605	04/22/26 03:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 03:28	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 05:47	CS	EET MID

Client Sample ID: CS-5 (7.5)

Lab Sample ID: 890-9806-5
Matrix: Solid
Date Collected: 04/17/26 09:13
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 18:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 03:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 03:43	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 05:52	CS	EET MID

Client Sample ID: CS-6 (7.5)

Lab Sample ID: 890-9806-6
Matrix: Solid
Date Collected: 04/17/26 09:17
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 19:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 04:13	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:08	CS	EET MID

Client Sample ID: CS-7 (7.5)

Lab Sample ID: 890-9806-7
Matrix: Solid
Date Collected: 04/17/26 09:20
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 19:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 04:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 04:29	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-7 (7.5)

Lab Sample ID: 890-9806-7
Matrix: Solid
Date Collected: 04/17/26 09:20
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:13	CS	EET MID

Client Sample ID: CS-8 (7.5)

Lab Sample ID: 890-9806-8
Matrix: Solid
Date Collected: 04/17/26 09:24
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 19:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 04:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 04:44	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:18	CS	EET MID

Client Sample ID: CS-9 (7.5)

Lab Sample ID: 890-9806-9
Matrix: Solid
Date Collected: 04/17/26 09:27
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 20:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 05:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 05:00	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:23	CS	EET MID

Client Sample ID: CS-10 (7.5)

Lab Sample ID: 890-9806-10
Matrix: Solid
Date Collected: 04/17/26 09:30
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 20:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 05:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 05:15	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:28	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-11 (7.5)

Lab Sample ID: 890-9806-11
Matrix: Solid
Date Collected: 04/17/26 09:34
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 23:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 23:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 05:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 05:31	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:34	CS	EET MID

Client Sample ID: CS-12 (7.5)

Lab Sample ID: 890-9806-12
Matrix: Solid
Date Collected: 04/17/26 09:38
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/21/26 23:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 23:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 05:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 05:45	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:49	CS	EET MID

Client Sample ID: CS-13 (7.5)

Lab Sample ID: 890-9806-13
Matrix: Solid
Date Collected: 04/17/26 09:40
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 00:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 00:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 06:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 06:01	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 06:55	CS	EET MID

Client Sample ID: CS-14 (7.5)

Lab Sample ID: 890-9806-14
Matrix: Solid
Date Collected: 04/17/26 09:43
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 00:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 00:27	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-14 (7.5)

Lab Sample ID: 890-9806-14
Matrix: Solid
Date Collected: 04/17/26 09:43
Date Received: 04/17/26 16:51

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			138605	04/22/26 06:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 06:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:10	CS	EET MID

Client Sample ID: CS-15 (7.5)

Lab Sample ID: 890-9806-15
Matrix: Solid
Date Collected: 04/17/26 09:46
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 00:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 00:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 06:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138378	04/20/26 17:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138409	04/22/26 06:32	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:16	CS	EET MID

Client Sample ID: CS-16 (7.5)

Lab Sample ID: 890-9806-16
Matrix: Solid
Date Collected: 04/17/26 09:49
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 01:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 01:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 17:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 17:53	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:21	CS	EET MID

Client Sample ID: CS-17 (7.5)

Lab Sample ID: 890-9806-17
Matrix: Solid
Date Collected: 04/17/26 09:51
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 01:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 01:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 18:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 18:39	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-17 (7.5)

Lab Sample ID: 890-9806-17
Matrix: Solid
Date Collected: 04/17/26 09:51
Date Received: 04/17/26 16:51

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:26	CS	EET MID

Client Sample ID: CS-18 (7.5)

Lab Sample ID: 890-9806-18
Matrix: Solid
Date Collected: 04/17/26 09:54
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 01:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 01:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 18:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 18:54	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:31	CS	EET MID

Client Sample ID: CS-19 (7.5)

Lab Sample ID: 890-9806-19
Matrix: Solid
Date Collected: 04/17/26 09:58
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 02:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 02:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 19:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 19:10	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:36	CS	EET MID

Client Sample ID: CS-20 (7.5)

Lab Sample ID: 890-9806-20
Matrix: Solid
Date Collected: 04/17/26 10:02
Date Received: 04/17/26 16:51

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	138363	04/20/26 16:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 02:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 02:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 19:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 19:25	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138343	04/20/26 15:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138424	04/22/26 07:42	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-21 (7.5)
Date Collected: 04/17/26 10:05
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-21
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	138362	04/21/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/21/26 22:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 22:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 19:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 19:40	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 08:59	CS	EET MID

Client Sample ID: CS-22 (7.5)
Date Collected: 04/17/26 10:09
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-22
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	138362	04/21/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/21/26 23:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 23:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 19:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 19:55	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 09:14	CS	EET MID

Client Sample ID: CS-23 (7.5)
Date Collected: 04/17/26 10:12
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-23
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	138362	04/21/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/21/26 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 23:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/21/26 20:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 20:10	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 09:19	CS	EET MID

Client Sample ID: CS-24 (7.5)
Date Collected: 04/17/26 10:15
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-24
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	138362	04/21/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/21/26 23:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/21/26 23:45	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Client Sample ID: CS-24 (7.5)

Date Collected: 04/17/26 10:15
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-24

Matrix: Solid

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			138605	04/21/26 20:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138379	04/20/26 17:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/21/26 20:25	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 09:24	CS	EET MID

Client Sample ID: CS-25 (7.5)

Date Collected: 04/17/26 10:18
Date Received: 04/17/26 16:51

Lab Sample ID: 890-9806-25

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	138362	04/21/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138591	04/22/26 00:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			138605	04/22/26 06:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138380	04/20/26 17:32	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138410	04/22/26 06:32	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138399	04/21/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138554	04/22/26 09:28	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

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: Lea unit #008

Job ID: 890-9806-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9806-1	CS-1 (7.5)	Solid	04/17/26 09:01	04/17/26 16:51	Texas
890-9806-2	CS-2 (7.5)	Solid	04/17/26 09:06	04/17/26 16:51	Texas
890-9806-3	CS-3 (7.5)	Solid	04/17/26 09:09	04/17/26 16:51	Texas
890-9806-4	CS-4 (7.5)	Solid	04/17/26 09:11	04/17/26 16:51	Texas
890-9806-5	CS-5 (7.5)	Solid	04/17/26 09:13	04/17/26 16:51	Texas
890-9806-6	CS-6 (7.5)	Solid	04/17/26 09:17	04/17/26 16:51	Texas
890-9806-7	CS-7 (7.5)	Solid	04/17/26 09:20	04/17/26 16:51	Texas
890-9806-8	CS-8 (7.5)	Solid	04/17/26 09:24	04/17/26 16:51	Texas
890-9806-9	CS-9 (7.5)	Solid	04/17/26 09:27	04/17/26 16:51	Texas
890-9806-10	CS-10 (7.5)	Solid	04/17/26 09:30	04/17/26 16:51	Texas
890-9806-11	CS-11 (7.5)	Solid	04/17/26 09:34	04/17/26 16:51	Texas
890-9806-12	CS-12 (7.5)	Solid	04/17/26 09:38	04/17/26 16:51	Texas
890-9806-13	CS-13 (7.5)	Solid	04/17/26 09:40	04/17/26 16:51	Texas
890-9806-14	CS-14 (7.5)	Solid	04/17/26 09:43	04/17/26 16:51	Texas
890-9806-15	CS-15 (7.5)	Solid	04/17/26 09:46	04/17/26 16:51	Texas
890-9806-16	CS-16 (7.5)	Solid	04/17/26 09:49	04/17/26 16:51	Texas
890-9806-17	CS-17 (7.5)	Solid	04/17/26 09:51	04/17/26 16:51	Texas
890-9806-18	CS-18 (7.5)	Solid	04/17/26 09:54	04/17/26 16:51	Texas
890-9806-19	CS-19 (7.5)	Solid	04/17/26 09:58	04/17/26 16:51	Texas
890-9806-20	CS-20 (7.5)	Solid	04/17/26 10:02	04/17/26 16:51	Texas
890-9806-21	CS-21 (7.5)	Solid	04/17/26 10:05	04/17/26 16:51	Texas
890-9806-22	CS-22 (7.5)	Solid	04/17/26 10:09	04/17/26 16:51	Texas
890-9806-23	CS-23 (7.5)	Solid	04/17/26 10:12	04/17/26 16:51	Texas
890-9806-24	CS-24 (7.5)	Solid	04/17/26 10:15	04/17/26 16:51	Texas
890-9806-25	CS-25 (7.5)	Solid	04/17/26 10:18	04/17/26 16:51	Texas

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

890-9806 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	48 hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	TM mar7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4.0
Total Containers:		Corrected Temperature:	3.8

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
CS-1 (7.5')	4/17/2026	9:01	X		Comp	1		X	X	X	
CS-2 (7.5')	4/17/2026	9:06	X		Comp	1		X	X	X	
CS-3 (7.5')	4/17/2026	9:09	X		Comp	1		X	X	X	
CS-4 (7.5')	4/17/2026	9:11	X		Comp	1		X	X	X	
CS-5 (7.5')	4/17/2026	9:13	X		Comp	1		X	X	X	
CS-6 (7.5')	4/17/2026	9:17	X		Comp	1		X	X	X	
CS-7 (7.5')	4/17/2026	9:20	X		Comp	1		X	X	X	
CS-8 (7.5')	4/17/2026	9:24	X		Comp	1		X	X	X	
CS-9 (7.5')	4/17/2026	9:27	X		Comp	1		X	X	X	
CS-10 (7.5')	4/17/2026	9:30	X		Comp	1		X	X	X	

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Comments

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			16:51 4/17

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-11(7.5')	4/17/2026	9:34	X		Comp	1		X	X	X		
CS-12 (7.5')	4/17/2026	9:38	X		Comp	1		X	X	X		
CS-13 (7.5')	4/17/2026	9:40	X		Comp	1		X	X	X		
CS-14 (7.5')	4/17/2026	9:43	X		Comp	1		X	X	X		
CS-15 (7.5')	4/17/2026	9:46	X		Comp	1		X	X	X		
CS-16 (7.5')	4/17/2026	9:49	X		Comp	1		X	X	X		
CS-17 (7.5')	4/17/2026	9:51	X		Comp	1		X	X	X		
CS-18 (7.5')	4/17/2026	9:54	X		Comp	1		X	X	X		
CS-19 (7.5')	4/17/2026	9:58	X		Comp	1		X	X	X		
CS-20 (7.5')	4/17/2026	10:02	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10:51 4/17

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-21 (7.5')	4/17/2026	10:05	X		Comp	1		X	X	X		
CS-22 (7.5')	4/17/2026	10:09	X		Comp	1		X	X	X		
CS-23 (7.5')	4/17/2026	10:12	X		Comp	1		X	X	X		
CS-24 (7.5')	4/17/2026	10:15	X		Comp	1		X	X	X		
CS-25 (7.5')	4/17/2026	10:18	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			16:51 4/

4/22/2026

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-21 (7.5')	4/17/2026	10:05	X		Comp	1		X	X	X		
CS-22 (7.5')	4/17/2026	10:09	X		Comp	1		X	X	X		
CS-23 (7.5')	4/17/2026	10:12	X		Comp	1		X	X	X		
CS-24 (7.5')	4/17/2026	10:15	X		Comp	1		X	X	X		
CS-25 (7.5')	4/17/2026	10:18	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			16:51 4/

4/22/2026

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6823.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9806-1
Address: 1211 W. Florida Ave,	Due Date Requested: 4/21/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
CS-1 (7.5) (890-9806-1)	4/17/26	09:01 Central	G	Solid			X	X	X	X	X								1	
CS-2 (7.5) (890-9806-2)	4/17/26	09:06 Central	G	Solid			X	X	X	X	X								1	
CS-3 (7.5) (890-9806-3)	4/17/26	09:09 Central	G	Solid			X	X	X	X	X								1	
CS-4 (7.5) (890-9806-4)	4/17/26	09:11 Central	G	Solid			X	X	X	X	X								1	
CS-5 (7.5) (890-9806-5)	4/17/26	09:13 Central	G	Solid			X	X	X	X	X								1	
CS-6 (7.5) (890-9806-6)	4/17/26	09:17 Central	G	Solid			X	X	X	X	X								1	
CS-7 (7.5) (890-9806-7)	4/17/26	09:20 Central	G	Solid			X	X	X	X	X								1	
CS-8 (7.5) (890-9806-8)	4/17/26	09:24 Central	G	Solid			X	X	X	X	X								1	
CS-9 (7.5) (890-9806-9)	4/17/26	09:27 Central	G	Solid			X	X	X	X	X								1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Received by OCD: 5/26/2026 9:33:53 AM
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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6823.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9806-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/21/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS-19 (7.5) (890-9806-19)	4/17/26	09:58 Central	G	Solid			X	X	X	X	X	1	
CS-20 (7.5) (890-9806-20)	4/17/26	10:02 Central	G	Solid			X	X	X	X	X	1	
CS-21 (7.5) (890-9806-21)	4/17/26	10:05 Central	G	Solid			X	X	X	X	X	1	
CS-22 (7.5) (890-9806-22)	4/17/26	10:09 Central	G	Solid			X	X	X	X	X	1	
CS-23 (7.5) (890-9806-23)	4/17/26	10:12 Central	G	Solid			X	X	X	X	X	1	
CS-24 (7.5) (890-9806-24)	4/17/26	10:15 Central	G	Solid			X	X	X	X	X	1	
CS-25 (7.5) (890-9806-25)	4/17/26	10:18 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

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4/22/2026
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9806-1
SDG Number: Lea County New Mexico

Login Number: 9806
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9806-1
SDG Number: Lea County New Mexico

Login Number: 9806
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/21/26 08:08 AM

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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/22/2026 2:19:03 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

890-9813-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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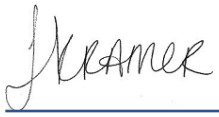
Eurofins Carlsbad

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



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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 890-9813-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Unit #008

Job ID: 890-9813-1

Job ID: 890-9813-1 Eurofins Carlsbad

Job Narrative
890-9813-1

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

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

Receipt
The samples were received on 4/21/2026 3:40 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 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-12 (1.5-3.0) (890-9813-1), SW-13 (3.0) (890-9813-2), SW-14 (3.0) (890-9813-3), SW-15 (3.0) (890-9813-4), SW-16 (3.0) (890-9813-5), SW-17 (3.0) (890-9813-6), SW-18 (1.5) (890-9813-7), SW-19 (1.5) (890-9813-8), SW-20 (1.5-4.5) (890-9813-9), SW-21 (4.5) (890-9813-10), SW-22 (4.5) (890-9813-11), SW-23 (4.5) (890-9813-12), SW-24 (4.5) (890-9813-13), SW-25 (4.5) (890-9813-14), SW-26 (4.5) (890-9813-15), SW-27 (4.5) (890-9813-16), SW-28 (4.5) (890-9813-17), SW-29 (4.5) (890-9813-18), SW-30 (4.5) (890-9813-19), SW-31 (4.5) (890-9813-20), SW-32 (4.5) (890-9813-21) and SW-33 (4.5) (890-9813-22).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138362 and analytical batch 880-138435 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside the upper control limit: SW-17 (3.0) (890-9813-6) and SW-20 (1.5-4.5) (890-9813-9). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-14 (3.0) (890-9813-3). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138547 and analytical batch 880-138435 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-26 (4.5) (890-9813-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: SW-30 (4.5) (890-9813-19). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-138542/1-A). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-12 (1.5-3.0)

Lab Sample ID: 890-9813-1
Matrix: Solid
Date Collected: 04/21/26 11:41
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 04:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 04:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/21/26 21:44*	*04/22/26 04:46*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/21/26 21:44*	*04/22/26 04:46*	*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			04/22/26 04:46	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			04/21/26 21:00	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		04/21/26 18:51	04/21/26 21:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 21:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/21/26 18:51*	*04/21/26 21:00*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/21/26 21:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.7**		10.0		mg/Kg			04/22/26 10:03	1

Client Sample ID: SW-13 (3.0)

Lab Sample ID: 890-9813-2
Matrix: Solid
Date Collected: 04/21/26 11:44
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 05:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 05:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 05:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 05:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 05:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:06*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-13 (3.0)

Date Collected: 04/21/26 11:44
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-2

Matrix: Solid

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			04/22/26 05:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**145**		50.0		mg/Kg			04/21/26 21:50	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	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 21:50	1
Diesel Range Organics (Over C10-C28)	**61.9**		50.0		mg/Kg		04/21/26 18:51	04/21/26 21:50	1
Oil Range Organics (Over C28-C36)	**82.6**		50.0		mg/Kg		04/21/26 18:51	04/21/26 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/21/26 18:51*	*04/21/26 21:50*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/21/26 18:51*	*04/21/26 21:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/22/26 10:08	1

Client Sample ID: SW-14 (3.0)

Date Collected: 04/21/26 11:47
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-3

Matrix: Solid

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		04/21/26 21:44	04/22/26 05:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 05:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 05:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 05:26	1
o-Xylene	**0.00222**		0.00202		mg/Kg		04/21/26 21:44	04/22/26 05:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 05:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*208*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 05:26*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 05:26	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			04/21/26 22:05	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	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 22:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (3.0)

Lab Sample ID: 890-9813-3
Matrix: Solid
Date Collected: 04/21/26 11:47
Date Received: 04/21/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 22:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:05*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.0**		10.0		mg/Kg			04/22/26 10:13	1

Client Sample ID: SW-15 (3.0)

Lab Sample ID: 890-9813-4
Matrix: Solid
Date Collected: 04/21/26 11:49
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 05:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:47*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:47*	*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			04/22/26 05:47	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			04/21/26 22:19	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	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 22:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 22:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:19*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.1**		9.90		mg/Kg			04/22/26 10:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-16 (3.0)

Lab Sample ID: 890-9813-5
Matrix: Solid
Date Collected: 04/21/26 11:51
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 06:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:07*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/22/26 06:07	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			04/21/26 22:34	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	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/21/26 22:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/21/26 22:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/21/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:34*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.9**		9.92		mg/Kg			04/22/26 10:34	1

Client Sample ID: SW-17 (3.0)

Lab Sample ID: 890-9813-6
Matrix: Solid
Date Collected: 04/21/26 11:54
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 06:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 06:28*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:28*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-17 (3.0)

Lab Sample ID: 890-9813-6
Matrix: Solid
Date Collected: 04/21/26 11:54
Date Received: 04/21/26 15:40

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			04/22/26 06:28	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			04/21/26 22:48	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	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 22:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 22:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:48*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/21/26 18:51*	*04/21/26 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**683**		9.92		mg/Kg			04/22/26 10:39	1

Client Sample ID: SW-18 (1.5)

Lab Sample ID: 890-9813-7
Matrix: Solid
Date Collected: 04/21/26 11:57
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 06:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:48*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:48*	*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			04/22/26 06:48	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			04/21/26 23:03	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		04/21/26 18:51	04/21/26 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 23:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-18 (1.5)

Lab Sample ID: 890-9813-7
Matrix: Solid
Date Collected: 04/21/26 11:57
Date Received: 04/21/26 15:40

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		04/21/26 18:51	04/21/26 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:03*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			04/22/26 10:55	1

Client Sample ID: SW-19 (1.5)

Lab Sample ID: 890-9813-8
Matrix: Solid
Date Collected: 04/21/26 11:59
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 07:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:09*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 07:09	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			04/21/26 23:17	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		04/21/26 18:51	04/21/26 23:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 23:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:17*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.1**		9.98		mg/Kg			04/22/26 11:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-20 (1.5-4.5)

Lab Sample ID: 890-9813-9
Matrix: Solid
Date Collected: 04/21/26 12:03
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 07:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*200*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 07:29*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:29*	*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			04/22/26 07:29	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			04/21/26 23:32	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		04/21/26 18:51	04/21/26 23:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 23:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/21/26 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:32*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.8**		9.94		mg/Kg			04/22/26 11:05	1

Client Sample ID: SW-21 (4.5)

Lab Sample ID: 890-9813-10
Matrix: Solid
Date Collected: 04/21/26 12:08
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 07:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:50*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:50*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-21 (4.5)

Lab Sample ID: 890-9813-10
Matrix: Solid
Date Collected: 04/21/26 12:08
Date Received: 04/21/26 15:40

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			04/22/26 07:50	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			04/21/26 23:46	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		04/21/26 18:51	04/21/26 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:46*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/21/26 18:51*	*04/21/26 23:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.9**		10.0		mg/Kg			04/22/26 11:11	1

Client Sample ID: SW-22 (4.5)

Lab Sample ID: 890-9813-11
Matrix: Solid
Date Collected: 04/21/26 12:11
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 09:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 09:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 09:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 09:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 09:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/21/26 21:44*	*04/22/26 09:40*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/21/26 21:44*	*04/22/26 09:40*	*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			04/22/26 09:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/22/26 00:16	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		04/21/26 18:51	04/22/26 00:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/22/26 00:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-22 (4.5)

Lab Sample ID: 890-9813-11
Matrix: Solid
Date Collected: 04/21/26 12:11
Date Received: 04/21/26 15:40

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)	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/22/26 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/21/26 18:51*	*04/22/26 00:16*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/21/26 18:51*	*04/22/26 00:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.2**		9.96		mg/Kg			04/22/26 11:16	1

Client Sample ID: SW-23 (4.5)

Lab Sample ID: 890-9813-12
Matrix: Solid
Date Collected: 04/21/26 12:14
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 10:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 10:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 10:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 10:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 10:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/21/26 21:44*	*04/22/26 10:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/21/26 21:44*	*04/22/26 10:01*	*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			04/22/26 10:01	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			04/22/26 00:31	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		04/21/26 18:51	04/22/26 00:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/22/26 00:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/22/26 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*04/21/26 18:51*	*04/22/26 00:31*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/21/26 18:51*	*04/22/26 00:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.1**		9.98		mg/Kg			04/22/26 11:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-24 (4.5)

Lab Sample ID: 890-9813-13
Matrix: Solid
Date Collected: 04/21/26 12:18
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 10:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 10:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 10:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 10:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 10:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/21/26 21:44*	*04/22/26 10:21*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/21/26 21:44*	*04/22/26 10:21*	*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			04/22/26 10:21	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			04/22/26 00:45	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		04/21/26 18:51	04/22/26 00:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/22/26 00:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/22/26 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/21/26 18:51*	*04/22/26 00:45*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/21/26 18:51*	*04/22/26 00:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			04/22/26 11:26	1

Client Sample ID: SW-25 (4.5)

Lab Sample ID: 890-9813-14
Matrix: Solid
Date Collected: 04/21/26 12:23
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 10:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 10:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 10:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 10:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 10:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/21/26 21:44*	*04/22/26 10:42*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/21/26 21:44*	*04/22/26 10:42*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-25 (4.5)

Lab Sample ID: 890-9813-14
Matrix: Solid
Date Collected: 04/21/26 12:23
Date Received: 04/21/26 15:40

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			04/22/26 10:42	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			04/22/26 01:01	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		04/21/26 18:51	04/22/26 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/22/26 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/22/26 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:01*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.6**		10.1		mg/Kg			04/22/26 12:08	1

Client Sample ID: SW-26 (4.5)

Lab Sample ID: 890-9813-15
Matrix: Solid
Date Collected: 04/21/26 12:26
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 11:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 11:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 11:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 11:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 11:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*222*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 11:02*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:02*	*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			04/22/26 11:02	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			04/22/26 01:15	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		04/21/26 18:51	04/22/26 01:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:51	04/22/26 01:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-26 (4.5)

Lab Sample ID: 890-9813-15
Matrix: Solid
Date Collected: 04/21/26 12:26
Date Received: 04/21/26 15:40

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		04/21/26 18:51	04/22/26 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:15*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.0**		10.0		mg/Kg			04/22/26 12:24	1

Client Sample ID: SW-27 (4.5)

Lab Sample ID: 890-9813-16
Matrix: Solid
Date Collected: 04/21/26 12:29
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 11:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 11:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 11:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 11:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 11:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:23*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:23*	*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			04/22/26 11:23	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			04/22/26 01:30	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		04/21/26 18:51	04/22/26 01:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/22/26 01:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/22/26 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:30*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**729**		9.98		mg/Kg			04/22/26 12:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (4.5)

Lab Sample ID: 890-9813-17
Matrix: Solid
Date Collected: 04/21/26 12:31
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 11:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 11:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:43*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:43*	*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			04/22/26 11:43	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			04/22/26 01:44	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		04/21/26 18:51	04/22/26 01:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/22/26 01:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:51	04/22/26 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:44*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.5**		9.92		mg/Kg			04/22/26 12:34	1

Client Sample ID: SW-29 (4.5)

Lab Sample ID: 890-9813-18
Matrix: Solid
Date Collected: 04/21/26 12:34
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 12:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 12:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:04*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-29 (4.5)

Date Collected: 04/21/26 12:34
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-18
Matrix: Solid

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			04/22/26 12:04	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			04/22/26 01:59	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		04/21/26 18:51	04/22/26 01:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/22/26 01:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/22/26 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:59*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/21/26 18:51*	*04/22/26 01:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.0**		9.92		mg/Kg			04/22/26 12:39	1

Client Sample ID: SW-30 (4.5)

Date Collected: 04/21/26 12:37
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-19
Matrix: Solid

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		04/21/26 21:44	04/22/26 12:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 12:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 12:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 12:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 12:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 12:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:24*	*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			04/22/26 12:24	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			04/21/26 21:00	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		04/21/26 18:53	04/21/26 21:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 21:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-30 (4.5)

Lab Sample ID: 890-9813-19
Matrix: Solid
Date Collected: 04/21/26 12:37
Date Received: 04/21/26 15:40

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		04/21/26 18:53	04/21/26 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/21/26 18:53*	*04/21/26 21:00*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/21/26 18:53*	*04/21/26 21:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.4**		9.96		mg/Kg			04/22/26 12:55	1

Client Sample ID: SW-31 (4.5)

Lab Sample ID: 890-9813-20
Matrix: Solid
Date Collected: 04/21/26 12:41
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 12:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 12:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 12:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 12:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 12:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:45*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:45*	*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			04/22/26 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**146**		50.0		mg/Kg			04/21/26 21:50	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	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 21:50	1
Diesel Range Organics (Over C10-C28)	**58.4**		50.0		mg/Kg		04/21/26 18:53	04/21/26 21:50	1
Oil Range Organics (Over C28-C36)	**87.3**		50.0		mg/Kg		04/21/26 18:53	04/21/26 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/21/26 21:50*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/21/26 21:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/22/26 13:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-32 (4.5)

Date Collected: 04/21/26 12:43
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-21
Matrix: Solid

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		04/21/26 20:00	04/22/26 11:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 11:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 11:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 11:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 11:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/21/26 20:00*	*04/22/26 11:58*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/21/26 20:00*	*04/22/26 11:58*	*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			04/22/26 11:58	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			04/21/26 22:05	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		04/21/26 18:53	04/21/26 22:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 22:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:05*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.6**		9.92		mg/Kg			04/22/26 13:06	1

Client Sample ID: SW-33 (4.5)

Date Collected: 04/21/26 12:45
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-22
Matrix: Solid

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		04/21/26 20:00	04/22/26 12:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 12:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 12:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 12:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 12:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/21/26 20:00*	*04/22/26 12:19*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/21/26 20:00*	*04/22/26 12:19*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-33 (4.5)

Date Collected: 04/21/26 12:45
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-22

Matrix: Solid

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			04/22/26 12:19	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			04/21/26 22:19	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		04/21/26 18:53	04/21/26 22:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 22:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:19*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**650**		10.1		mg/Kg			04/22/26 13:11	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-71162-A-1-G MS	Matrix Spike	100	94
880-71162-A-1-H MSD	Matrix Spike Duplicate	98	96
890-9813-1	SW-12 (1.5-3.0)	90	94
890-9813-1 MS	SW-12 (1.5-3.0)	119	109
890-9813-1 MSD	SW-12 (1.5-3.0)	111	114
890-9813-2	SW-13 (3.0)	124	112
890-9813-3	SW-14 (3.0)	208 S1+	70
890-9813-4	SW-15 (3.0)	104	92
890-9813-5	SW-16 (3.0)	122	95
890-9813-6	SW-17 (3.0)	132 S1+	98
890-9813-7	SW-18 (1.5)	122	100
890-9813-8	SW-19 (1.5)	130	107
890-9813-9	SW-20 (1.5-4.5)	200 S1+	102
890-9813-10	SW-21 (4.5)	114	97
890-9813-11	SW-22 (4.5)	97	92
890-9813-12	SW-23 (4.5)	105	91
890-9813-13	SW-24 (4.5)	106	92
890-9813-14	SW-25 (4.5)	110	96
890-9813-15	SW-26 (4.5)	222 S1+	107
890-9813-16	SW-27 (4.5)	114	98
890-9813-17	SW-28 (4.5)	122	103
890-9813-18	SW-29 (4.5)	112	89
890-9813-19	SW-30 (4.5)	132 S1+	103
890-9813-20	SW-31 (4.5)	129	99
890-9813-21	SW-32 (4.5)	101	96
890-9813-22	SW-33 (4.5)	109	103
LCS 880-138487/1-A	Lab Control Sample	101	96
LCS 880-138547/1-A	Lab Control Sample	100	105
LCSD 880-138487/2-A	Lab Control Sample Dup	100	98
LCSD 880-138547/2-A	Lab Control Sample Dup	109	109
MB 880-138362/5-A	Method Blank	199 S1+	111
MB 880-138487/5-A	Method Blank	102	98
MB 880-138547/5-A	Method Blank	212 S1+	112

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9813-1	SW-12 (1.5-3.0)	80	78
890-9813-1 MS	SW-12 (1.5-3.0)	80	76
890-9813-1 MSD	SW-12 (1.5-3.0)	80	75
890-9813-2	SW-13 (3.0)	76	76
890-9813-3	SW-14 (3.0)	75	78
890-9813-4	SW-15 (3.0)	72	73

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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)								
890-9813-5	SW-16 (3.0)	73	74								
890-9813-6	SW-17 (3.0)	73	75								
890-9813-7	SW-18 (1.5)	76	78								
890-9813-8	SW-19 (1.5)	78	86								
890-9813-9	SW-20 (1.5-4.5)	75	78								
890-9813-10	SW-21 (4.5)	78	82								
890-9813-11	SW-22 (4.5)	87	88								
890-9813-12	SW-23 (4.5)	73	76								
890-9813-13	SW-24 (4.5)	72	76								
890-9813-14	SW-25 (4.5)	74	77								
890-9813-15	SW-26 (4.5)	74	77								
890-9813-16	SW-27 (4.5)	75	78								
890-9813-17	SW-28 (4.5)	75	78								
890-9813-18	SW-29 (4.5)	77	81								
890-9813-19	SW-30 (4.5)	74	75								
890-9813-19 MS	SW-30 (4.5)	82	80								
890-9813-19 MSD	SW-30 (4.5)	83	79								
890-9813-20	SW-31 (4.5)	79	79								
890-9813-21	SW-32 (4.5)	72	77								
890-9813-22	SW-33 (4.5)	73	76								
LCS 880-138541/2-A	Lab Control Sample	92	89								
LCS 880-138542/2-A	Lab Control Sample	96	93								
LCSD 880-138541/3-A	Lab Control Sample Dup	93	91								
LCSD 880-138542/3-A	Lab Control Sample Dup	96	93								
MB 880-138541/1-A	Method Blank	70	70								
MB 880-138542/1-A	Method Blank	69 S1-	71								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138362/5-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138362

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 16:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 16:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*199*	*S1+*	*70 - 130*	*04/20/26 16:42*	*04/21/26 16:38*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/20/26 16:42*	*04/21/26 16:38*	*1*

Lab Sample ID: MB 880-138487/5-A
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 14:26	04/22/26 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/21/26 14:26*	*04/22/26 08:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 14:26*	*04/22/26 08:51*	*1*

Lab Sample ID: LCS 880-138487/1-A
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138487

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1049		mg/Kg		105	70 - 130		
Toluene			0.100	0.1022		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.09737		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.1974		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09897		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-138487/2-A
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138487

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1018		mg/Kg		102	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138487/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138484 — **Prep Batch: 138487**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09881		mg/Kg		99	70 - 130	3	35
Ethylbenzene			0.100	0.09469		mg/Kg		95	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1902		mg/Kg		95	70 - 130	4	35
o-Xylene			0.100	0.09710		mg/Kg		97	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-71162-A-1-G MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138484 — **Prep Batch: 138487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07468		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.100	0.07481		mg/Kg		75	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07500		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1500		mg/Kg		75	70 - 130
o-Xylene	<0.00200	U	0.100	0.08002		mg/Kg		80	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-71162-A-1-H MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138484 — **Prep Batch: 138487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07849		mg/Kg		78	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07673		mg/Kg		77	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07567		mg/Kg		76	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1548		mg/Kg		77	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.07723		mg/Kg		77	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-138547/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138435 — **Prep Batch: 138547**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 04:17	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138547/5-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 04:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 04:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*212*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 04:17*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/21/26 21:44*	*04/22/26 04:17*	*1*

Lab Sample ID: LCS 880-138547/1-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138547

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1074		mg/Kg		107	70 - 130		
Toluene			0.100	0.09344		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.09217		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene			0.200	0.1887		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09285		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-138547/2-A
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138547

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1147		mg/Kg		115	70 - 130	7	35
Toluene			0.100	0.08902		mg/Kg		89	70 - 130	5	35
Ethylbenzene			0.100	0.1017		mg/Kg		102	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2025		mg/Kg		101	70 - 130	7	35
o-Xylene			0.100	0.09843		mg/Kg		98	70 - 130	6	35

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

Lab Sample ID: 890-9813-1 MS
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: SW-12 (1.5-3.0)
Prep Type: Total/NA
Prep Batch: 138547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08781		mg/Kg		88	70 - 130		
Toluene	<0.00200	U	0.100	0.07314		mg/Kg		73	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08813		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1832		mg/Kg		92	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09043		mg/Kg		90	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9813-1 MS
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: SW-12 (1.5-3.0)
Prep Type: Total/NA
Prep Batch: 138547

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-9813-1 MSD
Matrix: Solid
Analysis Batch: 138435

Client Sample ID: SW-12 (1.5-3.0)
Prep Type: Total/NA
Prep Batch: 138547

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09409		mg/Kg		94	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.07672		mg/Kg		77	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08789		mg/Kg		88	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1786		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08633		mg/Kg		86	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

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

Lab Sample ID: MB 880-138541/1-A
Matrix: Solid
Analysis Batch: 138452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138541

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		04/21/26 18:51	04/21/26 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:51	04/21/26 19:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130	04/21/26 18:51	04/21/26 19:21	1
o-Terphenyl (Surr)	70		70 - 130	04/21/26 18:51	04/21/26 19:21	1

Lab Sample ID: LCS 880-138541/2-A
Matrix: Solid
Analysis Batch: 138452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	867.9		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	975.5		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	89		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138541/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138452 — **Prep Batch: 138541**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	949.9		mg/Kg		95	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-9813-1 MS — **Client Sample ID: SW-12 (1.5-3.0)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138452 — **Prep Batch: 138541**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	777.9		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	824.4		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

Lab Sample ID: 890-9813-1 MSD — **Client Sample ID: SW-12 (1.5-3.0)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138452 — **Prep Batch: 138541**

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	<49.9	U	999	792.2		mg/Kg		78	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	809.2		mg/Kg		81	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*75*		*70 - 130*

Lab Sample ID: MB 880-138542/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138455 — **Prep Batch: 138542**

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		04/21/26 18:53	04/21/26 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 19:21	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138542/1-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138542

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130	04/21/26 18:53	04/21/26 19:21	1
o-Terphenyl (Surr)	71		70 - 130	04/21/26 18:53	04/21/26 19:21	1

Lab Sample ID: LCS 880-138542/2-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	947.0		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	953.6		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-138542/3-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	929.9		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	925.7		mg/Kg		93	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-9813-19 MS
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: SW-30 (4.5)
Prep Type: Total/NA
Prep Batch: 138542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	804.1		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	794.8		mg/Kg		80	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	80		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9813-19 MSD — **Client Sample ID: SW-30 (4.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138455 — **Prep Batch: 138542**

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	<50.0	U	997	821.4		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	802.9		mg/Kg		81	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138549/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 08:31	1

Lab Sample ID: LCS 880-138549/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.9		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-138549/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.1		mg/Kg		94	90 - 110	4	20

Lab Sample ID: 890-9813-4 MS — **Client Sample ID: SW-15 (3.0)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138553

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	35.1		248	272.8		mg/Kg		96	90 - 110

Lab Sample ID: 890-9813-4 MSD — **Client Sample ID: SW-15 (3.0)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138553

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	35.1		248	264.8		mg/Kg		93	90 - 110	3	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-138550/1-A
Matrix: Solid
Analysis Batch: 138556

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			04/22/26 11:52	1

Lab Sample ID: LCS 880-138550/2-A
Matrix: Solid
Analysis Batch: 138556

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.1		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-138550/3-A
Matrix: Solid
Analysis Batch: 138556

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	236.6		mg/Kg		95	90 - 110	4	20

Lab Sample ID: 890-9813-14 MS
Matrix: Solid
Analysis Batch: 138556

Client Sample ID: SW-25 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	27.6		252	279.7		mg/Kg		100	90 - 110		

Lab Sample ID: 890-9813-14 MSD
Matrix: Solid
Analysis Batch: 138556

Client Sample ID: SW-25 (4.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.6		252	269.6		mg/Kg		96	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138362/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 138435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Total/NA	Solid	8021B	138547
890-9813-2	SW-13 (3.0)	Total/NA	Solid	8021B	138547
890-9813-3	SW-14 (3.0)	Total/NA	Solid	8021B	138547
890-9813-4	SW-15 (3.0)	Total/NA	Solid	8021B	138547
890-9813-5	SW-16 (3.0)	Total/NA	Solid	8021B	138547
890-9813-6	SW-17 (3.0)	Total/NA	Solid	8021B	138547
890-9813-7	SW-18 (1.5)	Total/NA	Solid	8021B	138547
890-9813-8	SW-19 (1.5)	Total/NA	Solid	8021B	138547
890-9813-9	SW-20 (1.5-4.5)	Total/NA	Solid	8021B	138547
890-9813-10	SW-21 (4.5)	Total/NA	Solid	8021B	138547
890-9813-11	SW-22 (4.5)	Total/NA	Solid	8021B	138547
890-9813-12	SW-23 (4.5)	Total/NA	Solid	8021B	138547
890-9813-13	SW-24 (4.5)	Total/NA	Solid	8021B	138547
890-9813-14	SW-25 (4.5)	Total/NA	Solid	8021B	138547
890-9813-15	SW-26 (4.5)	Total/NA	Solid	8021B	138547
890-9813-16	SW-27 (4.5)	Total/NA	Solid	8021B	138547
890-9813-17	SW-28 (4.5)	Total/NA	Solid	8021B	138547
890-9813-18	SW-29 (4.5)	Total/NA	Solid	8021B	138547
890-9813-19	SW-30 (4.5)	Total/NA	Solid	8021B	138547
890-9813-20	SW-31 (4.5)	Total/NA	Solid	8021B	138547
MB 880-138362/5-A	Method Blank	Total/NA	Solid	8021B	138362
MB 880-138547/5-A	Method Blank	Total/NA	Solid	8021B	138547
LCS 880-138547/1-A	Lab Control Sample	Total/NA	Solid	8021B	138547
LCSD 880-138547/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138547
890-9813-1 MS	SW-12 (1.5-3.0)	Total/NA	Solid	8021B	138547
890-9813-1 MSD	SW-12 (1.5-3.0)	Total/NA	Solid	8021B	138547

Analysis Batch: 138484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-21	SW-32 (4.5)	Total/NA	Solid	8021B	138487
890-9813-22	SW-33 (4.5)	Total/NA	Solid	8021B	138487
MB 880-138487/5-A	Method Blank	Total/NA	Solid	8021B	138487
LCS 880-138487/1-A	Lab Control Sample	Total/NA	Solid	8021B	138487
LCSD 880-138487/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138487
880-71162-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	138487
880-71162-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138487

Prep Batch: 138487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-21	SW-32 (4.5)	Total/NA	Solid	5035	
890-9813-22	SW-33 (4.5)	Total/NA	Solid	5035	
MB 880-138487/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138487/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138487/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71162-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-71162-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Total/NA	Solid	5035	
890-9813-2	SW-13 (3.0)	Total/NA	Solid	5035	
890-9813-3	SW-14 (3.0)	Total/NA	Solid	5035	
890-9813-4	SW-15 (3.0)	Total/NA	Solid	5035	
890-9813-5	SW-16 (3.0)	Total/NA	Solid	5035	
890-9813-6	SW-17 (3.0)	Total/NA	Solid	5035	
890-9813-7	SW-18 (1.5)	Total/NA	Solid	5035	
890-9813-8	SW-19 (1.5)	Total/NA	Solid	5035	
890-9813-9	SW-20 (1.5-4.5)	Total/NA	Solid	5035	
890-9813-10	SW-21 (4.5)	Total/NA	Solid	5035	
890-9813-11	SW-22 (4.5)	Total/NA	Solid	5035	
890-9813-12	SW-23 (4.5)	Total/NA	Solid	5035	
890-9813-13	SW-24 (4.5)	Total/NA	Solid	5035	
890-9813-14	SW-25 (4.5)	Total/NA	Solid	5035	
890-9813-15	SW-26 (4.5)	Total/NA	Solid	5035	
890-9813-16	SW-27 (4.5)	Total/NA	Solid	5035	
890-9813-17	SW-28 (4.5)	Total/NA	Solid	5035	
890-9813-18	SW-29 (4.5)	Total/NA	Solid	5035	
890-9813-19	SW-30 (4.5)	Total/NA	Solid	5035	
890-9813-20	SW-31 (4.5)	Total/NA	Solid	5035	
MB 880-138547/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138547/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138547/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9813-1 MS	SW-12 (1.5-3.0)	Total/NA	Solid	5035	
890-9813-1 MSD	SW-12 (1.5-3.0)	Total/NA	Solid	5035	

Analysis Batch: 138593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Total/NA	Solid	Total BTEX	
890-9813-2	SW-13 (3.0)	Total/NA	Solid	Total BTEX	
890-9813-3	SW-14 (3.0)	Total/NA	Solid	Total BTEX	
890-9813-4	SW-15 (3.0)	Total/NA	Solid	Total BTEX	
890-9813-5	SW-16 (3.0)	Total/NA	Solid	Total BTEX	
890-9813-6	SW-17 (3.0)	Total/NA	Solid	Total BTEX	
890-9813-7	SW-18 (1.5)	Total/NA	Solid	Total BTEX	
890-9813-8	SW-19 (1.5)	Total/NA	Solid	Total BTEX	
890-9813-9	SW-20 (1.5-4.5)	Total/NA	Solid	Total BTEX	
890-9813-10	SW-21 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-11	SW-22 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-12	SW-23 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-13	SW-24 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-14	SW-25 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-15	SW-26 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-16	SW-27 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-17	SW-28 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-18	SW-29 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-19	SW-30 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-20	SW-31 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-21	SW-32 (4.5)	Total/NA	Solid	Total BTEX	
890-9813-22	SW-33 (4.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 138452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Total/NA	Solid	8015B NM	138541
890-9813-2	SW-13 (3.0)	Total/NA	Solid	8015B NM	138541
890-9813-3	SW-14 (3.0)	Total/NA	Solid	8015B NM	138541
890-9813-4	SW-15 (3.0)	Total/NA	Solid	8015B NM	138541
890-9813-5	SW-16 (3.0)	Total/NA	Solid	8015B NM	138541
890-9813-6	SW-17 (3.0)	Total/NA	Solid	8015B NM	138541
890-9813-7	SW-18 (1.5)	Total/NA	Solid	8015B NM	138541
890-9813-8	SW-19 (1.5)	Total/NA	Solid	8015B NM	138541
890-9813-9	SW-20 (1.5-4.5)	Total/NA	Solid	8015B NM	138541
890-9813-10	SW-21 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-11	SW-22 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-12	SW-23 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-13	SW-24 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-14	SW-25 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-15	SW-26 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-16	SW-27 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-17	SW-28 (4.5)	Total/NA	Solid	8015B NM	138541
890-9813-18	SW-29 (4.5)	Total/NA	Solid	8015B NM	138541
MB 880-138541/1-A	Method Blank	Total/NA	Solid	8015B NM	138541
LCS 880-138541/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138541
LCSD 880-138541/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138541
890-9813-1 MS	SW-12 (1.5-3.0)	Total/NA	Solid	8015B NM	138541
890-9813-1 MSD	SW-12 (1.5-3.0)	Total/NA	Solid	8015B NM	138541

Analysis Batch: 138455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-19	SW-30 (4.5)	Total/NA	Solid	8015B NM	138542
890-9813-20	SW-31 (4.5)	Total/NA	Solid	8015B NM	138542
890-9813-21	SW-32 (4.5)	Total/NA	Solid	8015B NM	138542
890-9813-22	SW-33 (4.5)	Total/NA	Solid	8015B NM	138542
MB 880-138542/1-A	Method Blank	Total/NA	Solid	8015B NM	138542
LCS 880-138542/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138542
LCSD 880-138542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138542
890-9813-19 MS	SW-30 (4.5)	Total/NA	Solid	8015B NM	138542
890-9813-19 MSD	SW-30 (4.5)	Total/NA	Solid	8015B NM	138542

Prep Batch: 138541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Total/NA	Solid	8015NM Prep	
890-9813-2	SW-13 (3.0)	Total/NA	Solid	8015NM Prep	
890-9813-3	SW-14 (3.0)	Total/NA	Solid	8015NM Prep	
890-9813-4	SW-15 (3.0)	Total/NA	Solid	8015NM Prep	
890-9813-5	SW-16 (3.0)	Total/NA	Solid	8015NM Prep	
890-9813-6	SW-17 (3.0)	Total/NA	Solid	8015NM Prep	
890-9813-7	SW-18 (1.5)	Total/NA	Solid	8015NM Prep	
890-9813-8	SW-19 (1.5)	Total/NA	Solid	8015NM Prep	
890-9813-9	SW-20 (1.5-4.5)	Total/NA	Solid	8015NM Prep	
890-9813-10	SW-21 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-11	SW-22 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-12	SW-23 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-13	SW-24 (4.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 138541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-14	SW-25 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-15	SW-26 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-16	SW-27 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-17	SW-28 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-18	SW-29 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-138541/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138541/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138541/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9813-1 MS	SW-12 (1.5-3.0)	Total/NA	Solid	8015NM Prep	
890-9813-1 MSD	SW-12 (1.5-3.0)	Total/NA	Solid	8015NM Prep	

Prep Batch: 138542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-19	SW-30 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-20	SW-31 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-21	SW-32 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-22	SW-33 (4.5)	Total/NA	Solid	8015NM Prep	
MB 880-138542/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138542/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9813-19 MS	SW-30 (4.5)	Total/NA	Solid	8015NM Prep	
890-9813-19 MSD	SW-30 (4.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Total/NA	Solid	8015 NM	
890-9813-2	SW-13 (3.0)	Total/NA	Solid	8015 NM	
890-9813-3	SW-14 (3.0)	Total/NA	Solid	8015 NM	
890-9813-4	SW-15 (3.0)	Total/NA	Solid	8015 NM	
890-9813-5	SW-16 (3.0)	Total/NA	Solid	8015 NM	
890-9813-6	SW-17 (3.0)	Total/NA	Solid	8015 NM	
890-9813-7	SW-18 (1.5)	Total/NA	Solid	8015 NM	
890-9813-8	SW-19 (1.5)	Total/NA	Solid	8015 NM	
890-9813-9	SW-20 (1.5-4.5)	Total/NA	Solid	8015 NM	
890-9813-10	SW-21 (4.5)	Total/NA	Solid	8015 NM	
890-9813-11	SW-22 (4.5)	Total/NA	Solid	8015 NM	
890-9813-12	SW-23 (4.5)	Total/NA	Solid	8015 NM	
890-9813-13	SW-24 (4.5)	Total/NA	Solid	8015 NM	
890-9813-14	SW-25 (4.5)	Total/NA	Solid	8015 NM	
890-9813-15	SW-26 (4.5)	Total/NA	Solid	8015 NM	
890-9813-16	SW-27 (4.5)	Total/NA	Solid	8015 NM	
890-9813-17	SW-28 (4.5)	Total/NA	Solid	8015 NM	
890-9813-18	SW-29 (4.5)	Total/NA	Solid	8015 NM	
890-9813-19	SW-30 (4.5)	Total/NA	Solid	8015 NM	
890-9813-20	SW-31 (4.5)	Total/NA	Solid	8015 NM	
890-9813-21	SW-32 (4.5)	Total/NA	Solid	8015 NM	
890-9813-22	SW-33 (4.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 138549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Soluble	Solid	DI Leach	
890-9813-2	SW-13 (3.0)	Soluble	Solid	DI Leach	
890-9813-3	SW-14 (3.0)	Soluble	Solid	DI Leach	
890-9813-4	SW-15 (3.0)	Soluble	Solid	DI Leach	
890-9813-5	SW-16 (3.0)	Soluble	Solid	DI Leach	
890-9813-6	SW-17 (3.0)	Soluble	Solid	DI Leach	
890-9813-7	SW-18 (1.5)	Soluble	Solid	DI Leach	
890-9813-8	SW-19 (1.5)	Soluble	Solid	DI Leach	
890-9813-9	SW-20 (1.5-4.5)	Soluble	Solid	DI Leach	
890-9813-10	SW-21 (4.5)	Soluble	Solid	DI Leach	
890-9813-11	SW-22 (4.5)	Soluble	Solid	DI Leach	
890-9813-12	SW-23 (4.5)	Soluble	Solid	DI Leach	
890-9813-13	SW-24 (4.5)	Soluble	Solid	DI Leach	
MB 880-138549/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138549/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138549/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9813-4 MS	SW-15 (3.0)	Soluble	Solid	DI Leach	
890-9813-4 MSD	SW-15 (3.0)	Soluble	Solid	DI Leach	

Leach Batch: 138550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-14	SW-25 (4.5)	Soluble	Solid	DI Leach	
890-9813-15	SW-26 (4.5)	Soluble	Solid	DI Leach	
890-9813-16	SW-27 (4.5)	Soluble	Solid	DI Leach	
890-9813-17	SW-28 (4.5)	Soluble	Solid	DI Leach	
890-9813-18	SW-29 (4.5)	Soluble	Solid	DI Leach	
890-9813-19	SW-30 (4.5)	Soluble	Solid	DI Leach	
890-9813-20	SW-31 (4.5)	Soluble	Solid	DI Leach	
890-9813-21	SW-32 (4.5)	Soluble	Solid	DI Leach	
890-9813-22	SW-33 (4.5)	Soluble	Solid	DI Leach	
MB 880-138550/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138550/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138550/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9813-14 MS	SW-25 (4.5)	Soluble	Solid	DI Leach	
890-9813-14 MSD	SW-25 (4.5)	Soluble	Solid	DI Leach	

Analysis Batch: 138553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-1	SW-12 (1.5-3.0)	Soluble	Solid	300.0	138549
890-9813-2	SW-13 (3.0)	Soluble	Solid	300.0	138549
890-9813-3	SW-14 (3.0)	Soluble	Solid	300.0	138549
890-9813-4	SW-15 (3.0)	Soluble	Solid	300.0	138549
890-9813-5	SW-16 (3.0)	Soluble	Solid	300.0	138549
890-9813-6	SW-17 (3.0)	Soluble	Solid	300.0	138549
890-9813-7	SW-18 (1.5)	Soluble	Solid	300.0	138549
890-9813-8	SW-19 (1.5)	Soluble	Solid	300.0	138549
890-9813-9	SW-20 (1.5-4.5)	Soluble	Solid	300.0	138549
890-9813-10	SW-21 (4.5)	Soluble	Solid	300.0	138549
890-9813-11	SW-22 (4.5)	Soluble	Solid	300.0	138549
890-9813-12	SW-23 (4.5)	Soluble	Solid	300.0	138549
890-9813-13	SW-24 (4.5)	Soluble	Solid	300.0	138549

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 138553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138549/1-A	Method Blank	Soluble	Solid	300.0	138549
LCS 880-138549/2-A	Lab Control Sample	Soluble	Solid	300.0	138549
LCSD 880-138549/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138549
890-9813-4 MS	SW-15 (3.0)	Soluble	Solid	300.0	138549
890-9813-4 MSD	SW-15 (3.0)	Soluble	Solid	300.0	138549

Analysis Batch: 138556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9813-14	SW-25 (4.5)	Soluble	Solid	300.0	138550
890-9813-15	SW-26 (4.5)	Soluble	Solid	300.0	138550
890-9813-16	SW-27 (4.5)	Soluble	Solid	300.0	138550
890-9813-17	SW-28 (4.5)	Soluble	Solid	300.0	138550
890-9813-18	SW-29 (4.5)	Soluble	Solid	300.0	138550
890-9813-19	SW-30 (4.5)	Soluble	Solid	300.0	138550
890-9813-20	SW-31 (4.5)	Soluble	Solid	300.0	138550
890-9813-21	SW-32 (4.5)	Soluble	Solid	300.0	138550
890-9813-22	SW-33 (4.5)	Soluble	Solid	300.0	138550
MB 880-138550/1-A	Method Blank	Soluble	Solid	300.0	138550
LCS 880-138550/2-A	Lab Control Sample	Soluble	Solid	300.0	138550
LCSD 880-138550/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138550
890-9813-14 MS	SW-25 (4.5)	Soluble	Solid	300.0	138550
890-9813-14 MSD	SW-25 (4.5)	Soluble	Solid	300.0	138550

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-12 (1.5-3.0)

Lab Sample ID: 890-9813-1
Matrix: Solid
Date Collected: 04/21/26 11:41
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 04:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 04:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 21:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 21:00	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:03	CS	EET MID

Client Sample ID: SW-13 (3.0)

Lab Sample ID: 890-9813-2
Matrix: Solid
Date Collected: 04/21/26 11:44
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 05:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 05:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 21:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 21:50	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:08	CS	EET MID

Client Sample ID: SW-14 (3.0)

Lab Sample ID: 890-9813-3
Matrix: Solid
Date Collected: 04/21/26 11:47
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 05:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 05:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 22:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 22:05	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:13	CS	EET MID

Client Sample ID: SW-15 (3.0)

Lab Sample ID: 890-9813-4
Matrix: Solid
Date Collected: 04/21/26 11:49
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 05:47	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-15 (3.0)

Lab Sample ID: 890-9813-4
Matrix: Solid
Date Collected: 04/21/26 11:49
Date Received: 04/21/26 15:40

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			138603	04/21/26 22:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 22:19	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:18	CS	EET MID

Client Sample ID: SW-16 (3.0)

Lab Sample ID: 890-9813-5
Matrix: Solid
Date Collected: 04/21/26 11:51
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 06:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 22:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 22:34	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:34	CS	EET MID

Client Sample ID: SW-17 (3.0)

Lab Sample ID: 890-9813-6
Matrix: Solid
Date Collected: 04/21/26 11:54
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 06:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 22:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 22:48	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:39	CS	EET MID

Client Sample ID: SW-18 (1.5)

Lab Sample ID: 890-9813-7
Matrix: Solid
Date Collected: 04/21/26 11:57
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 06:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 23:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 23:03	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-18 (1.5)

Lab Sample ID: 890-9813-7
Matrix: Solid
Date Collected: 04/21/26 11:57
Date Received: 04/21/26 15:40

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	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 10:55	CS	EET MID

Client Sample ID: SW-19 (1.5)

Lab Sample ID: 890-9813-8
Matrix: Solid
Date Collected: 04/21/26 11:59
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 07:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 23:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 23:17	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 11:00	CS	EET MID

Client Sample ID: SW-20 (1.5-4.5)

Lab Sample ID: 890-9813-9
Matrix: Solid
Date Collected: 04/21/26 12:03
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 07:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 23:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 23:32	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 11:05	CS	EET MID

Client Sample ID: SW-21 (4.5)

Lab Sample ID: 890-9813-10
Matrix: Solid
Date Collected: 04/21/26 12:08
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 07:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 23:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/21/26 23:46	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 11:11	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-22 (4.5)

Lab Sample ID: 890-9813-11
Matrix: Solid
Date Collected: 04/21/26 12:11
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 09:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 09:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 00:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 00:16	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 11:16	CS	EET MID

Client Sample ID: SW-23 (4.5)

Lab Sample ID: 890-9813-12
Matrix: Solid
Date Collected: 04/21/26 12:14
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 10:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 10:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 00:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 00:31	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 11:21	CS	EET MID

Client Sample ID: SW-24 (4.5)

Lab Sample ID: 890-9813-13
Matrix: Solid
Date Collected: 04/21/26 12:18
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 10:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 10:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 00:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 00:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138549	04/22/26 07:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138553	04/22/26 11:26	CS	EET MID

Client Sample ID: SW-25 (4.5)

Lab Sample ID: 890-9813-14
Matrix: Solid
Date Collected: 04/21/26 12:23
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 10:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 10:42	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-25 (4.5)

Lab Sample ID: 890-9813-14
Matrix: Solid
Date Collected: 04/21/26 12:23
Date Received: 04/21/26 15:40

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			138603	04/22/26 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 01:01	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 12:08	CS	EET MID

Client Sample ID: SW-26 (4.5)

Lab Sample ID: 890-9813-15
Matrix: Solid
Date Collected: 04/21/26 12:26
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 11:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 11:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 01:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 01:15	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 12:24	CS	EET MID

Client Sample ID: SW-27 (4.5)

Lab Sample ID: 890-9813-16
Matrix: Solid
Date Collected: 04/21/26 12:29
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 11:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 11:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 01:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 01:30	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 12:29	CS	EET MID

Client Sample ID: SW-28 (4.5)

Lab Sample ID: 890-9813-17
Matrix: Solid
Date Collected: 04/21/26 12:31
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 11:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 01:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 01:44	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (4.5)

Lab Sample ID: 890-9813-17

Date Collected: 04/21/26 12:31
Matrix: Solid
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 12:34	CS	EET MID

Client Sample ID: SW-29 (4.5)

Lab Sample ID: 890-9813-18

Date Collected: 04/21/26 12:34
Matrix: Solid
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 12:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/22/26 01:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138541	04/21/26 18:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 01:59	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 12:39	CS	EET MID

Client Sample ID: SW-30 (4.5)

Lab Sample ID: 890-9813-19

Date Collected: 04/21/26 12:37
Matrix: Solid
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 12:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 21:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 21:00	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 12:55	CS	EET MID

Client Sample ID: SW-31 (4.5)

Lab Sample ID: 890-9813-20

Date Collected: 04/21/26 12:41
Matrix: Solid
Date Received: 04/21/26 15:40

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	138547	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138435	04/22/26 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 12:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 21:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 21:50	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:00	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Client Sample ID: SW-32 (4.5)

Date Collected: 04/21/26 12:43
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-21
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			4.97 g	5 mL	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 11:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 22:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 22:05	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:06	CS	EET MID

Client Sample ID: SW-33 (4.5)

Date Collected: 04/21/26 12:45
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9813-22
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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 12:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138593	04/22/26 12:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			138603	04/21/26 22:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 22:19	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:11	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 890-9813-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9813-1	SW-12 (1.5-3.0)	Solid	04/21/26 11:41	04/21/26 15:40	Texas
890-9813-2	SW-13 (3.0)	Solid	04/21/26 11:44	04/21/26 15:40	Texas
890-9813-3	SW-14 (3.0)	Solid	04/21/26 11:47	04/21/26 15:40	Texas
890-9813-4	SW-15 (3.0)	Solid	04/21/26 11:49	04/21/26 15:40	Texas
890-9813-5	SW-16 (3.0)	Solid	04/21/26 11:51	04/21/26 15:40	Texas
890-9813-6	SW-17 (3.0)	Solid	04/21/26 11:54	04/21/26 15:40	Texas
890-9813-7	SW-18 (1.5)	Solid	04/21/26 11:57	04/21/26 15:40	Texas
890-9813-8	SW-19 (1.5)	Solid	04/21/26 11:59	04/21/26 15:40	Texas
890-9813-9	SW-20 (1.5-4.5)	Solid	04/21/26 12:03	04/21/26 15:40	Texas
890-9813-10	SW-21 (4.5)	Solid	04/21/26 12:08	04/21/26 15:40	Texas
890-9813-11	SW-22 (4.5)	Solid	04/21/26 12:11	04/21/26 15:40	Texas
890-9813-12	SW-23 (4.5)	Solid	04/21/26 12:14	04/21/26 15:40	Texas
890-9813-13	SW-24 (4.5)	Solid	04/21/26 12:18	04/21/26 15:40	Texas
890-9813-14	SW-25 (4.5)	Solid	04/21/26 12:23	04/21/26 15:40	Texas
890-9813-15	SW-26 (4.5)	Solid	04/21/26 12:26	04/21/26 15:40	Texas
890-9813-16	SW-27 (4.5)	Solid	04/21/26 12:29	04/21/26 15:40	Texas
890-9813-17	SW-28 (4.5)	Solid	04/21/26 12:31	04/21/26 15:40	Texas
890-9813-18	SW-29 (4.5)	Solid	04/21/26 12:34	04/21/26 15:40	Texas
890-9813-19	SW-30 (4.5)	Solid	04/21/26 12:37	04/21/26 15:40	Texas
890-9813-20	SW-31 (4.5)	Solid	04/21/26 12:41	04/21/26 15:40	Texas
890-9813-21	SW-32 (4.5)	Solid	04/21/26 12:43	04/21/26 15:40	Texas
890-9813-22	SW-33 (4.5)	Solid	04/21/26 12:45	04/21/26 15:40	Texas

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

890-9813 Chain of Custody

Page ___ of ___

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	☐ Routine ☑ Rush
Project Number:	3004	Due Date:	24 Hour
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Inmec2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
SW-12 (1.5'-3.0')	4/21/2026	11:41	X		Comp	1		X	X	X		
SW-13 (3.0')	4/21/2026	11:44	X		Comp	1		X	X	X		
SW-14 (3.0')	4/21/2026	11:47	X		Comp	1		X	X	X		
SW-15 (3.0')	4/21/2026	11:49	X		Comp	1		X	X	X		
SW-16 (3.0')	4/21/2026	11:51	X		Comp	1		X	X	X		
SW-17 (3.0')	4/21/2026	11:54	X		Comp	1		X	X	X		
SW-18 (1.5')	4/21/2026	11:57	X		Comp	1		X	X	X		
SW-19 (1.5')	4/21/2026	11:59	X		Comp	1		X	X	X		
SW-20 (1.5'-4.5')	4/21/2026	12:03	X		Comp	1		X	X	X		
SW-21 (4.5')	4/21/2026	12:08	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 1546

4/22/2026

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Thermo2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
SW-22 (4.5')	4/21/2026	12:11	X		Comp	1		X	X	X		
SW-23 (4.5')	4/21/2026	12:14	X		Comp	1		X	X	X		
SW-24 (4.5')	4/21/2026	12:18	X		Comp	1		X	X	X		
SW-25 (4.5')	4/21/2026	12:23	X		Comp	1		X	X	X		
SW-26 (4.5')	4/21/2026	12:26	X		Comp	1		X	X	X		
SW-27 (4.5')	4/21/2026	12:29	X		Comp	1		X	X	X		
SW-28 (4.5')	4/21/2026	12:31	X		Comp	1		X	X	X		
SW-29 (4.5')	4/21/2026	12:34	X		Comp	1		X	X	X		
SW-30 (4.5')	4/21/2026	12:37	X		Comp	1		X	X	X		
SW-31 (4.5')	4/21/2026	12:41	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 1540

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐Routine	☑Rush
Project Location	Lea County, New Mexico	Due Date:	24 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR#22
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
SW-32 (4.5')	4/21/2026	12:43	X		Comp	1		X	X	X	
SW-33 (4.5')	4/21/2026	12:45	X		Comp	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/22/2026 15:40

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6828.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9813-1
Address: 1211 W. Florida Ave,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-12 (1.5-3.0) (890-9813-1)	4/21/26	11:41 Central	G	Solid			X	X	X	X	X	1	
SW-13 (3.0) (890-9813-2)	4/21/26	11:44 Central	G	Solid			X	X	X	X	X	1	
SW-14 (3.0) (890-9813-3)	4/21/26	11:47 Central	G	Solid			X	X	X	X	X	1	
SW-15 (3.0) (890-9813-4)	4/21/26	11:49 Central	G	Solid			X	X	X	X	X	1	
SW-16 (3.0) (890-9813-5)	4/21/26	11:51 Central	G	Solid			X	X	X	X	X	1	
SW-17 (3.0) (890-9813-6)	4/21/26	11:54 Central	G	Solid			X	X	X	X	X	1	
SW-18 (1.5) (890-9813-7)	4/21/26	11:57 Central	G	Solid			X	X	X	X	X	1	
SW-19 (1.5) (890-9813-8)	4/21/26	11:59 Central	G	Solid			X	X	X	X	X	1	
SW-20 (1.5-4.5) (890-9813-9)	4/21/26	12:03 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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Received by OCD: 5/26/2026 9:33:53 AM
4/22/2026
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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6828.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9813-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-21 (4.5) (890-9813-10)	4/21/26	12:08 Central	G	Solid			X	X	X	X	X	1	
SW-22 (4.5) (890-9813-11)	4/21/26	12:11 Central	G	Solid			X	X	X	X	X	1	
SW-23 (4.5) (890-9813-12)	4/21/26	12:14 Central	G	Solid			X	X	X	X	X	1	
SW-24 (4.5) (890-9813-13)	4/21/26	12:18 Central	G	Solid			X	X	X	X	X	1	
SW-25 (4.5) (890-9813-14)	4/21/26	12:23 Central	G	Solid			X	X	X	X	X	1	
SW-26 (4.5) (890-9813-15)	4/21/26	12:26 Central	G	Solid			X	X	X	X	X	1	
SW-27 (4.5) (890-9813-16)	4/21/26	12:29 Central	G	Solid			X	X	X	X	X	1	
SW-28 (4.5) (890-9813-17)	4/21/26	12:31 Central	G	Solid			X	X	X	X	X	1	
SW-29 (4.5) (890-9813-18)	4/21/26	12:34 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	4/21 1630			4-22-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6828.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9813-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW-30 (4.5) (890-9813-19)	4/21/26	12:37 Central	G	Solid			X	X	X	X	X	1	
SW-31 (4.5) (890-9813-20)	4/21/26	12:41 Central	G	Solid			X	X	X	X	X	1	
SW-32 (4.5) (890-9813-21)	4/21/26	12:43 Central	G	Solid			X	X	X	X	X	1	
SW-33 (4.5) (890-9813-22)	4/21/26	12:45 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/21 1630			4-22-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9813-1
SDG Number: Lea County New Mexico

Login Number: 9813
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9813-1
SDG Number: Lea County New Mexico

Login Number: 9813
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/21/26 09:35 PM

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	

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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

LEA UNIT #008
Lea County New Mexico

JOB NUMBER

890-9814-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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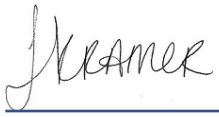
Eurofins Carlsbad

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



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

Client: Carmona Resources
Project/Site: LEA UNIT #008

Laboratory Job ID: 890-9814-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: LEA UNIT #008

Job ID: 890-9814-1

Job ID: 890-9814-1 Eurofins Carlsbad

Job Narrative
890-9814-1

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

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

Receipt
The samples were received on 4/21/2026 3:40 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 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 26 (3.0') (890-9814-1), CS - 27 (3.0') (890-9814-2), CS - 28 (3.0') (890-9814-3), CS - 29 (3.0') (890-9814-4), CS - 30 (3.0') (890-9814-5), CS - 31 (3.0') (890-9814-6), CS - 32 (3.0') (890-9814-7), CS - 33 (3.0') (890-9814-8), CS - 34 (3.0') (890-9814-9), CS - 35 (3.0') (890-9814-10), CS - 36 (3.0') (890-9814-11), CS - 37 (3.0') (890-9814-12), CS - 38 (3.0') (890-9814-13), CS - 39 (1.5') (890-9814-14), CS - 40 (1.5') (890-9814-15), CS - 41 (1.5') (890-9814-16), CS - 42 (1.5') (890-9814-17), CS - 43 (1.5') (890-9814-18), CS - 44 (1.5') (890-9814-19), CS - 45 (1.5') (890-9814-20), CS - 46 (1.5') (890-9814-21), CS - 47 (1.5') (890-9814-22), CS - 48 (1.5') (890-9814-23), CS - 49 (1.5') (890-9814-24), CS - 50 (1.5') (890-9814-25), CS - 51 (1.5') (890-9814-26), CS - 52 (4.5') (890-9814-27), CS - 53 (4.5') (890-9814-28), CS - 54 (4.5') (890-9814-29), CS - 55 (4.5') (890-9814-30), CS - 56 (4.5') (890-9814-31), CS - 57 (4.5') (890-9814-32), CS - 58 (4.5') (890-9814-33), CS - 59 (4.5') (890-9814-34), CS - 60 (4.5') (890-9814-35), CS - 61 (4.5') (890-9814-36), CS - 62 (4.5') (890-9814-37), CS - 63 (4.5') (890-9814-38), CS - 64 (4.5') (890-9814-39), CS - 65 (4.5') (890-9814-40), CS - 66 (4.5') (890-9814-41), CS - 67 (4.5') (890-9814-42), CS - 68 (4.5') (890-9814-43), CS - 69 (4.5') (890-9814-44), CS - 70 (4.5') (890-9814-45), CS - 71 (4.5') (890-9814-46), CS - 72 (4.5') (890-9814-47), CS - 73 (4.5') (890-9814-48), CS - 74 (4.5') (890-9814-49) and CS - 75 (4.5') (890-9814-50).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 26 (3.0') (890-9814-1), CS - 29 (3.0') (890-9814-4), CS - 31 (3.0') (890-9814-6), CS - 32 (3.0') (890-9814-7), CS - 39 (1.5') (890-9814-14), CS - 40 (1.5') (890-9814-15), CS - 41 (1.5') (890-9814-16), CS - 42 (1.5') (890-9814-17), CS - 43 (1.5') (890-9814-18) and (CCV 880-138478/33). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138363 and analytical batch 880-138478 was outside the upper control limits.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-138548 and analytical batch 880-138478 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-138548 and analytical batch 880-138478 was outside the upper control limits.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-138548 and analytical batch 880-138478 recovered outside control limits for the following analytes: o-Xylene.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS - 45 (1.5') (890-9814-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138555 and analytical batch 880-138596 was outside the upper control limits.

Case Narrative

Client: Carmona Resources
Project: LEA UNIT #008

Job ID: 890-9814-1

Job ID: 890-9814-1 (Continued) Eurofins Carlsbad

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138485 and analytical batch 880-138600 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 8021B: Surrogate recovery for the following samples were outside control limits: CS - 53 (4.5') (890-9814-28) and (890-9814-A-28-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-138485 and analytical batch 880-138600 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS - 59 (4.5') (890-9814-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-138542/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 28 (3.0') (890-9814-3). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 31 (3.0') (890-9814-6). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: CS - 72 (4.5') (890-9814-47). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 26 (3.0')

Lab Sample ID: 890-9814-1
Matrix: Solid
Date Collected: 04/21/26 08:45
Date Received: 04/21/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 05:47*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:47*	*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			04/22/26 05:47	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			04/21/26 22:34	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	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 22:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 22:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:34*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.1**		9.94		mg/Kg			04/22/26 13:16	1

Client Sample ID: CS - 27 (3.0')

Lab Sample ID: 890-9814-2
Matrix: Solid
Date Collected: 04/21/26 08:48
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 06:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
o-Xylene	<0.00201	U *1	0.00201		mg/Kg		04/21/26 21:44	04/22/26 06:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:07*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 27 (3.0')

Lab Sample ID: 890-9814-2
Matrix: Solid
Date Collected: 04/21/26 08:48
Date Received: 04/21/26 15:40

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			04/22/26 06:07	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			04/21/26 22:48	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	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 22:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 22:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:48*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/21/26 18:53*	*04/21/26 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/22/26 13:21	1

Client Sample ID: CS - 28 (3.0')

Lab Sample ID: 890-9814-3
Matrix: Solid
Date Collected: 04/21/26 08:51
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 06:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
o-Xylene	<0.00202	U *1	0.00202		mg/Kg		04/21/26 21:44	04/22/26 06:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:28*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 06:28	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			04/21/26 23:03	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		04/21/26 18:53	04/21/26 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 23:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 28 (3.0')

Lab Sample ID: 890-9814-3
Matrix: Solid
Date Collected: 04/21/26 08:51
Date Received: 04/21/26 15:40

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		04/21/26 18:53	04/21/26 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*04/21/26 18:53*	*04/21/26 23:03*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*04/21/26 18:53*	*04/21/26 23:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.9**		9.96		mg/Kg			04/22/26 13:37	1

Client Sample ID: CS - 29 (3.0')

Lab Sample ID: 890-9814-4
Matrix: Solid
Date Collected: 04/21/26 08:54
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 06:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
o-Xylene	<0.00199	U *1	0.00199		mg/Kg		04/21/26 21:44	04/22/26 06:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*04/21/26 21:44*	*04/22/26 06:48*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*04/21/26 21:44*	*04/22/26 06:48*	*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			04/22/26 06:48	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			04/21/26 23:17	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		04/21/26 18:53	04/21/26 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 23:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/21/26 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 18:53*	*04/21/26 23:17*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/21/26 18:53*	*04/21/26 23:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.7**		9.92		mg/Kg			04/22/26 13:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 30 (3.0')

Lab Sample ID: 890-9814-5
Matrix: Solid
Date Collected: 04/21/26 08:58
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 07:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 07:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:09*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/22/26 07:09	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			04/21/26 23:32	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		04/21/26 18:53	04/21/26 23:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 23:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 18:53*	*04/21/26 23:32*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/21/26 23:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.8**		10.0		mg/Kg			04/22/26 13:58	1

Client Sample ID: CS - 31 (3.0')

Lab Sample ID: 890-9814-6
Matrix: Solid
Date Collected: 04/21/26 09:02
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 07:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 07:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:29*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*04/21/26 21:44*	*04/22/26 07:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 31 (3.0')

Lab Sample ID: 890-9814-6
Matrix: Solid
Date Collected: 04/21/26 09:02
Date Received: 04/21/26 15:40

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			04/22/26 07:29	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			04/21/26 23:46	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		04/21/26 18:53	04/21/26 23:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 23:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/21/26 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*04/21/26 18:53*	*04/21/26 23:46*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/21/26 18:53*	*04/21/26 23:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.1**		10.1		mg/Kg			04/22/26 14:03	1

Client Sample ID: CS - 32 (3.0')

Lab Sample ID: 890-9814-7
Matrix: Solid
Date Collected: 04/21/26 09:05
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 07:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
o-Xylene	<0.00201	U *1	0.00201		mg/Kg		04/21/26 21:44	04/22/26 07:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 07:50*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/21/26 21:44*	*04/22/26 07:50*	*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			04/22/26 07:50	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			04/22/26 00:16	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		04/21/26 18:53	04/22/26 00:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 00:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 32 (3.0')

Lab Sample ID: 890-9814-7
Matrix: Solid
Date Collected: 04/21/26 09:05
Date Received: 04/21/26 15:40

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		04/21/26 18:53	04/22/26 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:53*	*04/22/26 00:16*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/22/26 00:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**383**		10.1		mg/Kg			04/22/26 14:08	1

Client Sample ID: CS - 33 (3.0')

Lab Sample ID: 890-9814-8
Matrix: Solid
Date Collected: 04/21/26 09:09
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 08:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 08:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/26 21:44	04/22/26 08:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 08:11	1
o-Xylene	<0.00202	U *1	0.00202		mg/Kg		04/21/26 21:44	04/22/26 08:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/21/26 21:44	04/22/26 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/21/26 21:44*	*04/22/26 08:11*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*04/21/26 21:44*	*04/22/26 08:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 08:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/22/26 00:31	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		04/21/26 18:53	04/22/26 00:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/22/26 00:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/22/26 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:53*	*04/22/26 00:31*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:53*	*04/22/26 00:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.0**		9.92		mg/Kg			04/22/26 14:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 34 (3.0')

Lab Sample ID: 890-9814-9
Date Collected: 04/21/26 09:11
Matrix: Solid
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 08:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 08:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 08:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 08:31	1
o-Xylene	<0.00201	U *1	0.00201		mg/Kg		04/21/26 21:44	04/22/26 08:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*04/21/26 21:44*	*04/22/26 08:31*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/21/26 21:44*	*04/22/26 08:31*	*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			04/22/26 08:31	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			04/22/26 00:45	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		04/21/26 18:53	04/22/26 00:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/22/26 00:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/22/26 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 18:53*	*04/22/26 00:45*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/22/26 00:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/22/26 14:19	1

Client Sample ID: CS - 35 (3.0')

Lab Sample ID: 890-9814-10
Date Collected: 04/21/26 09:14
Matrix: Solid
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 08:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 08:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 08:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 08:52	1
o-Xylene	<0.00199	U *1	0.00199		mg/Kg		04/21/26 21:44	04/22/26 08:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/21/26 21:44*	*04/22/26 08:52*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/21/26 21:44*	*04/22/26 08:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 35 (3.0')

Lab Sample ID: 890-9814-10
Matrix: Solid
Date Collected: 04/21/26 09:14
Date Received: 04/21/26 15:40

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			04/22/26 08:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/22/26 01:01	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		04/21/26 18:53	04/22/26 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:01*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**55.5**		9.92		mg/Kg			04/22/26 14:24	1

Client Sample ID: CS - 36 (3.0')

Lab Sample ID: 890-9814-11
Matrix: Solid
Date Collected: 04/21/26 09:17
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 11:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 11:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 11:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 11:12	1
o-Xylene	<0.00198	U *1	0.00198		mg/Kg		04/21/26 21:44	04/22/26 11:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:12*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:12*	*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			04/22/26 11:12	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			04/22/26 01:15	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		04/21/26 18:53	04/22/26 01:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:53	04/22/26 01:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 36 (3.0')

Lab Sample ID: 890-9814-11
Matrix: Solid
Date Collected: 04/21/26 09:17
Date Received: 04/21/26 15:40

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		04/21/26 18:53	04/22/26 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:15*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.3**		10.0		mg/Kg			04/22/26 14:29	1

Client Sample ID: CS - 37 (3.0')

Lab Sample ID: 890-9814-12
Matrix: Solid
Date Collected: 04/21/26 09:19
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 11:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 11:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 11:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 11:32	1
o-Xylene	<0.00199	U *1	0.00199		mg/Kg		04/21/26 21:44	04/22/26 11:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:32*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:32*	*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			04/22/26 11:32	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			04/22/26 01:30	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		04/21/26 18:53	04/22/26 01:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 01:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:30*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.4**		9.96		mg/Kg			04/22/26 11:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 38 (3.0')

Lab Sample ID: 890-9814-13
Matrix: Solid
Date Collected: 04/21/26 09:23
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 11:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 11:53	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 11:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:53*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/21/26 21:44*	*04/22/26 11:53*	*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			04/22/26 11:53	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			04/22/26 01:44	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		04/21/26 18:53	04/22/26 01:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/22/26 01:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:53	04/22/26 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:44*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**563**		9.92		mg/Kg			04/22/26 11:44	1

Client Sample ID: CS - 39 (1.5')

Lab Sample ID: 890-9814-14
Matrix: Solid
Date Collected: 04/21/26 09:26
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 12:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 12:13	1
o-Xylene	<0.00201	U *1	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 12:13*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 39 (1.5')

Lab Sample ID: 890-9814-14
Matrix: Solid
Date Collected: 04/21/26 09:26
Date Received: 04/21/26 15:40

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			04/22/26 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/22/26 01:59	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		04/21/26 18:53	04/22/26 01:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 01:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/22/26 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:59*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:53*	*04/22/26 01:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31.7**		9.96		mg/Kg			04/22/26 11:49	1

Client Sample ID: CS - 40 (1.5')

Lab Sample ID: 890-9814-15
Matrix: Solid
Date Collected: 04/21/26 09:29
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 12:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 12:34	1
o-Xylene	<0.00201	U *1	0.00201		mg/Kg		04/21/26 21:44	04/22/26 12:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 12:34*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:34*	*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			04/22/26 12:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/22/26 03:12	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		04/21/26 18:57	04/22/26 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 03:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 40 (1.5')

Lab Sample ID: 890-9814-15
Matrix: Solid
Date Collected: 04/21/26 09:29
Date Received: 04/21/26 15:40

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		04/21/26 18:57	04/22/26 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/21/26 18:57*	*04/22/26 03:12*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/21/26 18:57*	*04/22/26 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/22/26 11:54	1

Client Sample ID: CS - 41 (1.5')

Lab Sample ID: 890-9814-16
Matrix: Solid
Date Collected: 04/21/26 09:32
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 12:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 12:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 21:44	04/22/26 12:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 12:54	1
o-Xylene	<0.00198	U *1	0.00198		mg/Kg		04/21/26 21:44	04/22/26 12:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 21:44	04/22/26 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 12:54*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/21/26 21:44*	*04/22/26 12:54*	*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			04/22/26 12:54	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			04/22/26 03:57	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		04/21/26 18:57	04/22/26 03:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:57	04/22/26 03:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:57	04/22/26 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:57*	*04/22/26 03:57*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/21/26 18:57*	*04/22/26 03:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.3**		9.92		mg/Kg			04/22/26 11:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 42 (1.5')

Lab Sample ID: 890-9814-17
Matrix: Solid
Date Collected: 04/21/26 09:35
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 13:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 13:15	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 13:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 13:15*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/21/26 21:44*	*04/22/26 13:15*	*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			04/22/26 13:15	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			04/22/26 04:11	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		04/21/26 18:57	04/22/26 04:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 04:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:11*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.7**		9.94		mg/Kg			04/22/26 12:13	1

Client Sample ID: CS - 43 (1.5')

Lab Sample ID: 890-9814-18
Matrix: Solid
Date Collected: 04/21/26 09:39
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 13:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 13:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 21:44	04/22/26 13:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 13:36	1
o-Xylene	<0.00201	U *1	0.00201		mg/Kg		04/21/26 21:44	04/22/26 13:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 21:44	04/22/26 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/21/26 21:44*	*04/22/26 13:36*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*04/21/26 21:44*	*04/22/26 13:36*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 43 (1.5')

Lab Sample ID: 890-9814-18
Matrix: Solid
Date Collected: 04/21/26 09:39
Date Received: 04/21/26 15:40

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			04/22/26 13:36	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			04/22/26 04:25	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		04/21/26 18:57	04/22/26 04:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 04:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:25*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.5**		9.92		mg/Kg			04/22/26 12:18	1

Client Sample ID: CS - 44 (1.5')

Lab Sample ID: 890-9814-19
Matrix: Solid
Date Collected: 04/21/26 09:43
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 13:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 21:44	04/22/26 13:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 13:56	1
o-Xylene	<0.00199	U *1	0.00199		mg/Kg		04/21/26 21:44	04/22/26 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 21:44	04/22/26 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/21/26 21:44*	*04/22/26 13:56*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*04/21/26 21:44*	*04/22/26 13:56*	*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			04/22/26 13:56	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			04/22/26 04:39	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		04/21/26 18:57	04/22/26 04:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 04:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 44 (1.5')

Lab Sample ID: 890-9814-19
Matrix: Solid
Date Collected: 04/21/26 09:43
Date Received: 04/21/26 15:40

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		04/21/26 18:57	04/22/26 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:39*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**529**		9.96		mg/Kg			04/22/26 12:23	1

Client Sample ID: CS - 45 (1.5')

Lab Sample ID: 890-9814-20
Matrix: Solid
Date Collected: 04/21/26 09:46
Date Received: 04/21/26 15:40

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		04/21/26 21:44	04/22/26 14:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 14:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 14:17	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		04/21/26 21:44	04/22/26 14:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 21:44	04/22/26 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*04/21/26 21:44*	*04/22/26 14:17*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*04/21/26 21:44*	*04/22/26 14:17*	*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			04/22/26 14:17	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			04/22/26 04:53	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		04/21/26 18:57	04/22/26 04:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 04:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:53*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/21/26 18:57*	*04/22/26 04:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.1**		10.0		mg/Kg			04/22/26 12:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 46 (1.5')

Lab Sample ID: 890-9814-21
Matrix: Solid
Date Collected: 04/21/26 09:49
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 16:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 08:28	04/22/26 16:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 08:28	04/22/26 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/22/26 08:28*	*04/22/26 16:39*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/22/26 08:28*	*04/22/26 16:39*	*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			04/22/26 16:39	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			04/22/26 05:08	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		04/21/26 18:57	04/22/26 05:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 05:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:08*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/22/26 12:33	1

Client Sample ID: CS - 47 (1.5')

Lab Sample ID: 890-9814-22
Matrix: Solid
Date Collected: 04/21/26 09:52
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 17:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 08:28	04/22/26 17:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 08:28	04/22/26 17:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 08:28	04/22/26 17:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 08:28	04/22/26 17:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 08:28	04/22/26 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/22/26 08:28*	*04/22/26 17:00*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/22/26 08:28*	*04/22/26 17:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 47 (1.5')

Lab Sample ID: 890-9814-22
Matrix: Solid
Date Collected: 04/21/26 09:52
Date Received: 04/21/26 15:40

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			04/22/26 17:00	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			04/22/26 05:22	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		04/21/26 18:57	04/22/26 05:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 05:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:22*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.9**		10.0		mg/Kg			04/22/26 12:38	1

Client Sample ID: CS - 48 (1.5')

Lab Sample ID: 890-9814-23
Matrix: Solid
Date Collected: 04/21/26 09:56
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 17:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/22/26 08:28	04/22/26 17:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/22/26 08:28	04/22/26 17:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/22/26 08:28	04/22/26 17:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/22/26 08:28	04/22/26 17:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/22/26 08:28	04/22/26 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/22/26 08:28*	*04/22/26 17:20*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/22/26 08:28*	*04/22/26 17:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 17:20	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			04/22/26 05:36	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		04/21/26 18:57	04/22/26 05:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 05:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 48 (1.5')

Lab Sample ID: 890-9814-23
Matrix: Solid
Date Collected: 04/21/26 09:56
Date Received: 04/21/26 15:40

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		04/21/26 18:57	04/22/26 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:36*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.1**		9.92		mg/Kg			04/22/26 12:52	1

Client Sample ID: CS - 49 (1.5')

Lab Sample ID: 890-9814-24
Matrix: Solid
Date Collected: 04/21/26 10:00
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 17:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/22/26 08:28	04/22/26 17:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/22/26 08:28	04/22/26 17:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/22/26 08:28	04/22/26 17:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/22/26 08:28	04/22/26 17:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/22/26 08:28	04/22/26 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/22/26 08:28*	*04/22/26 17:41*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/22/26 08:28*	*04/22/26 17:41*	*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			04/22/26 17:41	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			04/22/26 05:50	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	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 05:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 05:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:50*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/21/26 18:57*	*04/22/26 05:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.5**		10.1		mg/Kg			04/22/26 12:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 50 (1.5')

Lab Sample ID: 890-9814-25
Matrix: Solid
Date Collected: 04/21/26 10:04
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 18:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 18:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 08:28	04/22/26 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 18:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 08:28	04/22/26 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/22/26 08:28*	*04/22/26 18:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/22/26 08:28*	*04/22/26 18:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/22/26 18:01	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			04/22/26 06:20	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	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 06:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 06:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/21/26 18:57*	*04/22/26 06:20*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/21/26 18:57*	*04/22/26 06:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**636**		9.94		mg/Kg			04/22/26 13:11	1

Client Sample ID: CS - 51 (1.5')

Lab Sample ID: 890-9814-26
Matrix: Solid
Date Collected: 04/21/26 10:07
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 18:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 18:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 18:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 08:28	04/22/26 18:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 18:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 08:28	04/22/26 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/22/26 08:28*	*04/22/26 18:22*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/22/26 08:28*	*04/22/26 18:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 51 (1.5')

Lab Sample ID: 890-9814-26
Matrix: Solid
Date Collected: 04/21/26 10:07
Date Received: 04/21/26 15:40

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			04/22/26 18:22	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			04/22/26 06:35	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		04/21/26 18:57	04/22/26 06:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 06:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/21/26 18:57*	*04/22/26 06:35*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/21/26 18:57*	*04/22/26 06:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.5**		9.92		mg/Kg			04/22/26 13:16	1

Client Sample ID: CS - 52 (4.5')

Lab Sample ID: 890-9814-27
Matrix: Solid
Date Collected: 04/21/26 10:09
Date Received: 04/21/26 15:40

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		04/22/26 08:28	04/22/26 18:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/22/26 08:28	04/22/26 18:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/22/26 08:28	04/22/26 18:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/22/26 08:28	04/22/26 18:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/22/26 08:28	04/22/26 18:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/22/26 08:28	04/22/26 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/22/26 08:28*	*04/22/26 18:42*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/22/26 08:28*	*04/22/26 18:42*	*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			04/22/26 18:42	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			04/22/26 06:49	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	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 06:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 06:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 52 (4.5')

Lab Sample ID: 890-9814-27
Matrix: Solid
Date Collected: 04/21/26 10:09
Date Received: 04/21/26 15:40

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		04/21/26 18:57	04/22/26 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/21/26 18:57*	*04/22/26 06:49*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/21/26 18:57*	*04/22/26 06:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.2**		9.94		mg/Kg			04/22/26 13:21	1

Client Sample ID: CS - 53 (4.5')

Lab Sample ID: 890-9814-28
Matrix: Solid
Date Collected: 04/21/26 10:13
Date Received: 04/21/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		04/21/26 20:00	04/22/26 17:22	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		04/21/26 20:00	04/22/26 17:22	1
Ethylbenzene	<0.00202	U F2 F1	0.00202		mg/Kg		04/21/26 20:00	04/22/26 17:22	1
m-Xylene & p-Xylene	<0.00404	U F1	0.00404		mg/Kg		04/21/26 20:00	04/22/26 17:22	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		04/21/26 20:00	04/22/26 17:22	1
Xylenes, Total	<0.00404	U F1	0.00404		mg/Kg		04/21/26 20:00	04/22/26 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:22*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*04/21/26 20:00*	*04/22/26 17:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 17:22	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			04/22/26 07:04	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	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 07:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 07:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:57	04/22/26 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:04*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**523**		9.98		mg/Kg			04/22/26 13:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 54 (4.5')

Lab Sample ID: 890-9814-29
Matrix: Solid
Date Collected: 04/21/26 10:17
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 17:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 17:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:43*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:43*	*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			04/22/26 17:43	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			04/22/26 07:18	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		04/21/26 18:57	04/22/26 07:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 07:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:18*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.9**		9.92		mg/Kg			04/22/26 13:31	1

Client Sample ID: CS - 55 (4.5')

Lab Sample ID: 890-9814-30
Matrix: Solid
Date Collected: 04/21/26 10:21
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 18:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/26 20:00	04/22/26 18:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/26 20:00	04/22/26 18:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/21/26 20:00	04/22/26 18:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/21/26 20:00	04/22/26 18:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/21/26 20:00	04/22/26 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:03*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:03*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 55 (4.5')

Lab Sample ID: 890-9814-30
Matrix: Solid
Date Collected: 04/21/26 10:21
Date Received: 04/21/26 15:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/22/26 18:03	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			04/22/26 07:33	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	<49.8	U	49.8		mg/Kg		04/21/26 18:57	04/22/26 07:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:57	04/22/26 07:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:57	04/22/26 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:33*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			04/22/26 13:36	1

Client Sample ID: CS - 56 (4.5')

Lab Sample ID: 890-9814-31
Matrix: Solid
Date Collected: 04/21/26 10:31
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 18:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 18:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:24*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:24*	*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			04/22/26 18:24	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			04/22/26 07:47	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		04/21/26 18:57	04/22/26 07:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 07:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 56 (4.5')

Lab Sample ID: 890-9814-31
Matrix: Solid
Date Collected: 04/21/26 10:31
Date Received: 04/21/26 15:40

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		04/21/26 18:57	04/22/26 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:47*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/21/26 18:57*	*04/22/26 07:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.1**		9.90		mg/Kg			04/22/26 13:40	1

Client Sample ID: CS - 57 (4.5')

Lab Sample ID: 890-9814-32
Matrix: Solid
Date Collected: 04/21/26 10:34
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 18:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 18:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:44*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:44*	*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			04/22/26 18:44	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			04/22/26 08:02	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	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 08:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 08:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/21/26 18:57*	*04/22/26 08:02*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/21/26 18:57*	*04/22/26 08:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.7**		9.98		mg/Kg			04/22/26 11:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 58 (4.5')

Lab Sample ID: 890-9814-33
Matrix: Solid
Date Collected: 04/21/26 10:38
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 19:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 19:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 19:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 19:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 19:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/21/26 20:00*	*04/22/26 19:05*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/21/26 20:00*	*04/22/26 19:05*	*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			04/22/26 19:05	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			04/22/26 03:12	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		04/21/26 19:00	04/22/26 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 03:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/21/26 19:00*	*04/22/26 03:12*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/21/26 19:00*	*04/22/26 03:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.1**		9.92		mg/Kg			04/22/26 11:59	1

Client Sample ID: CS - 59 (4.5')

Lab Sample ID: 890-9814-34
Matrix: Solid
Date Collected: 04/21/26 10:41
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 19:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 19:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/21/26 20:00*	*04/22/26 19:26*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/21/26 20:00*	*04/22/26 19:26*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 59 (4.5')

Lab Sample ID: 890-9814-34
Matrix: Solid
Date Collected: 04/21/26 10:41
Date Received: 04/21/26 15:40

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			04/22/26 19:26	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			04/22/26 03:57	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		04/21/26 19:00	04/22/26 03:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 03:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/21/26 19:00*	*04/22/26 03:57*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/21/26 19:00*	*04/22/26 03:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**387**		9.96		mg/Kg			04/22/26 12:10	1

Client Sample ID: CS - 60 (4.5')

Lab Sample ID: 890-9814-35
Matrix: Solid
Date Collected: 04/21/26 10:44
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 17:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 17:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:07*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:07*	*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			04/22/26 17:07	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			04/22/26 04:11	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		04/21/26 19:00	04/22/26 04:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 04:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 60 (4.5')

Lab Sample ID: 890-9814-35
Matrix: Solid
Date Collected: 04/21/26 10:44
Date Received: 04/21/26 15:40

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		04/21/26 19:00	04/22/26 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:11*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.5**		9.92		mg/Kg			04/22/26 12:20	1

Client Sample ID: CS - 61 (4.5')

Lab Sample ID: 890-9814-36
Matrix: Solid
Date Collected: 04/21/26 10:49
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 17:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 17:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 17:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:28*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:28*	*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			04/22/26 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.8**		49.9		mg/Kg			04/22/26 04:25	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		04/21/26 19:00	04/22/26 04:25	1
Diesel Range Organics (Over C10-C28)	**51.8**		49.9		mg/Kg		04/21/26 19:00	04/22/26 04:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:25*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 12:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 62 (4.5')

Lab Sample ID: 890-9814-37
Matrix: Solid
Date Collected: 04/21/26 10:53
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 17:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 20:00	04/22/26 17:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 20:00	04/22/26 17:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 20:00	04/22/26 17:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/26 20:00	04/22/26 17:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 20:00	04/22/26 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:48*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/21/26 20:00*	*04/22/26 17:48*	*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			04/22/26 17:48	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			04/22/26 04:39	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		04/21/26 19:00	04/22/26 04:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 04:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:39*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.5**		10.1		mg/Kg			04/22/26 13:01	1

Client Sample ID: CS - 63 (4.5')

Lab Sample ID: 890-9814-38
Matrix: Solid
Date Collected: 04/21/26 10:57
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 18:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 18:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 18:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 18:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 18:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:09*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 63 (4.5')

Lab Sample ID: 890-9814-38
Matrix: Solid
Date Collected: 04/21/26 10:57
Date Received: 04/21/26 15:40

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			04/22/26 18:09	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			04/22/26 04:53	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		04/21/26 19:00	04/22/26 04:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 04:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:53*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/21/26 19:00*	*04/22/26 04:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.3**		9.92		mg/Kg			04/22/26 13:12	1

Client Sample ID: CS - 64 (4.5')

Lab Sample ID: 890-9814-39
Matrix: Solid
Date Collected: 04/21/26 11:03
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 18:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 18:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 18:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:29*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:29*	*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			04/22/26 18:29	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			04/22/26 05:08	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		04/21/26 19:00	04/22/26 05:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 05:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 64 (4.5')

Lab Sample ID: 890-9814-39
Matrix: Solid
Date Collected: 04/21/26 11:03
Date Received: 04/21/26 15:40

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)	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:08*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.0**		9.94		mg/Kg			04/22/26 13:22	1

Client Sample ID: CS - 65 (4.5')

Lab Sample ID: 890-9814-40
Matrix: Solid
Date Collected: 04/21/26 11:09
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 18:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 18:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 18:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 18:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 18:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:50*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 20:00*	*04/22/26 18:50*	*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			04/22/26 18:50	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			04/22/26 05:22	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		04/21/26 19:00	04/22/26 05:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 05:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:22*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**462**		10.0		mg/Kg			04/22/26 13:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 66 (4.5')

Lab Sample ID: 890-9814-41
Matrix: Solid
Date Collected: 04/21/26 11:13
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 19:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 19:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 19:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/21/26 20:00*	*04/22/26 19:10*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 20:00*	*04/22/26 19:10*	*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			04/22/26 19:10	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			04/22/26 05:36	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		04/21/26 19:00	04/22/26 05:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 05:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:36*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.9**		10.0		mg/Kg			04/22/26 13:43	1

Client Sample ID: CS - 67 (4.5')

Lab Sample ID: 890-9814-42
Matrix: Solid
Date Collected: 04/21/26 11:16
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 14:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 14:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 14:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 14:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 14:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/21/26 20:00*	*04/22/26 14:02*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/21/26 20:00*	*04/22/26 14:02*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 67 (4.5')

Lab Sample ID: 890-9814-42
Matrix: Solid
Date Collected: 04/21/26 11:16
Date Received: 04/21/26 15:40

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			04/22/26 14:02	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			04/22/26 05:50	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		04/21/26 19:00	04/22/26 05:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 05:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:50*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/21/26 19:00*	*04/22/26 05:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			04/22/26 13:53	1

Client Sample ID: CS - 68 (4.5')

Lab Sample ID: 890-9814-43
Matrix: Solid
Date Collected: 04/21/26 11:19
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 14:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 14:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 14:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 14:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 14:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/21/26 20:00*	*04/22/26 14:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/21/26 20:00*	*04/22/26 14:23*	*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			04/22/26 14:23	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			04/22/26 06:20	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	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 06:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 06:20	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 68 (4.5')

Lab Sample ID: 890-9814-43
Matrix: Solid
Date Collected: 04/21/26 11:19
Date Received: 04/21/26 15:40

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		04/21/26 19:00	04/22/26 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/21/26 19:00*	*04/22/26 06:20*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/21/26 19:00*	*04/22/26 06:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.1**		9.98		mg/Kg			04/22/26 14:24	1

Client Sample ID: CS - 69 (4.5')

Lab Sample ID: 890-9814-44
Matrix: Solid
Date Collected: 04/21/26 11:22
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 14:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 14:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 14:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 14:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 14:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/21/26 20:00*	*04/22/26 14:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/21/26 20:00*	*04/22/26 14:44*	*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			04/22/26 14:44	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			04/22/26 06:35	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		04/21/26 19:00	04/22/26 06:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 06:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/21/26 19:00*	*04/22/26 06:35*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/21/26 19:00*	*04/22/26 06:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.7**		9.96		mg/Kg			04/22/26 14:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 70 (4.5')

Lab Sample ID: 890-9814-45
Matrix: Solid
Date Collected: 04/21/26 11:24
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 15:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 15:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 15:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 15:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 15:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/21/26 20:00*	*04/22/26 15:04*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 20:00*	*04/22/26 15:04*	*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			04/22/26 15:04	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			04/22/26 06:49	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	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 06:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 06:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/21/26 19:00*	*04/22/26 06:49*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/21/26 19:00*	*04/22/26 06:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.2**		10.0		mg/Kg			04/22/26 15:05	1

Client Sample ID: CS - 71 (4.5')

Lab Sample ID: 890-9814-46
Matrix: Solid
Date Collected: 04/21/26 11:27
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 15:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/26 20:00	04/22/26 15:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/26 20:00	04/22/26 15:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/26 20:00	04/22/26 15:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/26 20:00	04/22/26 15:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/26 20:00	04/22/26 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/21/26 20:00*	*04/22/26 15:25*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/21/26 20:00*	*04/22/26 15:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 71 (4.5')

Lab Sample ID: 890-9814-46
Matrix: Solid
Date Collected: 04/21/26 11:27
Date Received: 04/21/26 15:40

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			04/22/26 15:25	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			04/22/26 07:04	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	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 07:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 07:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 19:00	04/22/26 07:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:04*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**507**		9.96		mg/Kg			04/22/26 15:15	1

Client Sample ID: CS - 72 (4.5')

Lab Sample ID: 890-9814-47
Matrix: Solid
Date Collected: 04/21/26 11:30
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 15:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 15:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 15:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 15:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 15:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/21/26 20:00*	*04/22/26 15:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 20:00*	*04/22/26 15:46*	*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			04/22/26 15:46	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			04/22/26 07:18	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		04/21/26 19:00	04/22/26 07:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 19:00	04/22/26 07:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 72 (4.5')

Lab Sample ID: 890-9814-47
Matrix: Solid
Date Collected: 04/21/26 11:30
Date Received: 04/21/26 15:40

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		04/21/26 19:00	04/22/26 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*04/21/26 19:00*	*04/22/26 07:18*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.2**		9.92		mg/Kg			04/22/26 15:26	1

Client Sample ID: CS - 73 (4.5')

Lab Sample ID: 890-9814-48
Matrix: Solid
Date Collected: 04/21/26 11:32
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 16:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 16:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 16:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 16:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/26 20:00	04/22/26 16:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/26 20:00	04/22/26 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/21/26 20:00*	*04/22/26 16:06*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/21/26 20:00*	*04/22/26 16:06*	*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			04/22/26 16:06	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			04/22/26 07:33	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	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 07:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 07:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 19:00	04/22/26 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:33*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 15:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 74 (4.5')

Lab Sample ID: 890-9814-49
Matrix: Solid
Date Collected: 04/21/26 11:35
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 16:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 16:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 16:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 16:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/26 20:00	04/22/26 16:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/26 20:00	04/22/26 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/21/26 20:00*	*04/22/26 16:27*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/21/26 20:00*	*04/22/26 16:27*	*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			04/22/26 16:27	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			04/22/26 07:47	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		04/21/26 19:00	04/22/26 07:47	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/21/26 19:00	04/22/26 07:47	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/21/26 19:00	04/22/26 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:47*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*04/21/26 19:00*	*04/22/26 07:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.0**		10.1		mg/Kg			04/22/26 15:46	1

Client Sample ID: CS - 75 (4.5')

Lab Sample ID: 890-9814-50
Matrix: Solid
Date Collected: 04/21/26 11:38
Date Received: 04/21/26 15:40

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		04/21/26 20:00	04/22/26 16:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 16:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 16:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 16:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 20:00	04/22/26 16:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/26 20:00	04/22/26 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/21/26 20:00*	*04/22/26 16:48*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/21/26 20:00*	*04/22/26 16:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 75 (4.5')

Lab Sample ID: 890-9814-50

Date Collected: 04/21/26 11:38
Matrix: Solid
Date Received: 04/21/26 15:40

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			04/22/26 16:48	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			04/22/26 08:02	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	<50.1	U	50.1		mg/Kg		04/21/26 19:00	04/22/26 08:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/21/26 19:00	04/22/26 08:02	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/21/26 19:00	04/22/26 08:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/21/26 19:00*	*04/22/26 08:02*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/21/26 19:00*	*04/22/26 08:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.6**		9.94		mg/Kg			04/22/26 15:57	1

Surrogate Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-71162-A-1-G MS	Matrix Spike	100	94										
880-71162-A-1-H MSD	Matrix Spike Duplicate	98	96										
880-71163-A-1-C MS	Matrix Spike	121	96										
880-71163-A-1-D MSD	Matrix Spike Duplicate	110	89										
890-9814-1	CS - 26 (3.0')	149 S1+	115										
890-9814-1 MS	CS - 26 (3.0')	97	82										
890-9814-1 MSD	CS - 26 (3.0')	103	96										
890-9814-2	CS - 27 (3.0')	90	72										
890-9814-3	CS - 28 (3.0')	114	91										
890-9814-4	CS - 29 (3.0')	83	67 S1-										
890-9814-5	CS - 30 (3.0')	85	74										
890-9814-6	CS - 31 (3.0')	90	65 S1-										
890-9814-7	CS - 32 (3.0')	140 S1+	94										
890-9814-8	CS - 33 (3.0')	90	70										
890-9814-9	CS - 34 (3.0')	89	71										
890-9814-10	CS - 35 (3.0')	122	91										
890-9814-11	CS - 36 (3.0')	103	75										
890-9814-12	CS - 37 (3.0')	116	80										
890-9814-13	CS - 38 (3.0')	128	103										
890-9814-14	CS - 39 (1.5')	141 S1+	108										
890-9814-15	CS - 40 (1.5')	152 S1+	105										
890-9814-16	CS - 41 (1.5')	135 S1+	94										
890-9814-17	CS - 42 (1.5')	136 S1+	92										
890-9814-18	CS - 43 (1.5')	97	67 S1-										
890-9814-19	CS - 44 (1.5')	96	71										
890-9814-20	CS - 45 (1.5')	154 S1+	112										
890-9814-21	CS - 46 (1.5')	91	94										
890-9814-21 MS	CS - 46 (1.5')	105	102										
890-9814-21 MSD	CS - 46 (1.5')	101	124										
890-9814-22	CS - 47 (1.5')	111	94										
890-9814-23	CS - 48 (1.5')	116	99										
890-9814-24	CS - 49 (1.5')	129	89										
890-9814-25	CS - 50 (1.5')	117	97										
890-9814-26	CS - 51 (1.5')	130	100										
890-9814-27	CS - 52 (4.5')	121	96										
890-9814-28	CS - 53 (4.5')	96	66 S1-										
890-9814-28 MS	CS - 53 (4.5')	83	72										
890-9814-28 MSD	CS - 53 (4.5')	80	69 S1-										
890-9814-29	CS - 54 (4.5')	119	84										
890-9814-30	CS - 55 (4.5')	105	77										
890-9814-31	CS - 56 (4.5')	110	79										
890-9814-32	CS - 57 (4.5')	93	76										
890-9814-33	CS - 58 (4.5')	133 S1+	92										
890-9814-34	CS - 59 (4.5')	130	91										
890-9814-35	CS - 60 (4.5')	100	88										
890-9814-36	CS - 61 (4.5')	120	98										
890-9814-37	CS - 62 (4.5')	114	99										
890-9814-38	CS - 63 (4.5')	112	98										
890-9814-39	CS - 64 (4.5')	116	99										

Surrogate Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
890-9814-40	CS - 65 (4.5')	115	98
890-9814-41	CS - 66 (4.5')	114	98
890-9814-42	CS - 67 (4.5')	107	100
890-9814-43	CS - 68 (4.5')	101	94
890-9814-44	CS - 69 (4.5')	108	100
890-9814-45	CS - 70 (4.5')	104	98
890-9814-46	CS - 71 (4.5')	105	100
890-9814-47	CS - 72 (4.5')	102	98
890-9814-48	CS - 73 (4.5')	104	94
890-9814-49	CS - 74 (4.5')	99	93
890-9814-50	CS - 75 (4.5')	102	96
LCS 880-138485/1-A	Lab Control Sample	77	77
LCS 880-138487/1-A	Lab Control Sample	101	96
LCS 880-138488/1-A	Lab Control Sample	389 S1+	97
LCS 880-138548/1-A	Lab Control Sample	75	85
LCS 880-138555/1-A	Lab Control Sample	101	127
LCSD 880-138485/2-A	Lab Control Sample Dup	109	98
LCSD 880-138487/2-A	Lab Control Sample Dup	100	98
LCSD 880-138488/2-A	Lab Control Sample Dup	137 S1+	98
LCSD 880-138548/2-A	Lab Control Sample Dup	113	92
LCSD 880-138555/2-A	Lab Control Sample Dup	104	110
MB 880-138363/5-A	Method Blank	87	65 S1-
MB 880-138485/5-A	Method Blank	94	66 S1-
MB 880-138487/5-A	Method Blank	102	98
MB 880-138488/5-A	Method Blank	111	96
MB 880-138548/5-A	Method Blank	90	66 S1-
MB 880-138555/5-A	Method Blank	225 S1+	120

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**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
890-9813-A-19-B MS	Matrix Spike	82	80
890-9813-A-19-C MSD	Matrix Spike Duplicate	83	79
890-9814-1	CS - 26 (3.0')	74	75
890-9814-2	CS - 27 (3.0')	79	82
890-9814-3	CS - 28 (3.0')	63 S1-	63 S1-
890-9814-4	CS - 29 (3.0')	77	83
890-9814-5	CS - 30 (3.0')	77	79
890-9814-6	CS - 31 (3.0')	69 S1-	73
890-9814-7	CS - 32 (3.0')	75	79
890-9814-8	CS - 33 (3.0')	75	78
890-9814-9	CS - 34 (3.0')	77	79
890-9814-10	CS - 35 (3.0')	77	79
890-9814-11	CS - 36 (3.0')	79	81

Surrogate Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
890-9814-12	CS - 37 (3.0')	80	81
890-9814-13	CS - 38 (3.0')	78	80
890-9814-14	CS - 39 (1.5')	77	78
890-9814-15	CS - 40 (1.5')	87	95
890-9814-15 MS	CS - 40 (1.5')	96	94
890-9814-15 MSD	CS - 40 (1.5')	97	92
890-9814-16	CS - 41 (1.5')	75	80
890-9814-17	CS - 42 (1.5')	81	82
890-9814-18	CS - 43 (1.5')	87	91
890-9814-19	CS - 44 (1.5')	83	87
890-9814-20	CS - 45 (1.5')	80	86
890-9814-21	CS - 46 (1.5')	75	78
890-9814-22	CS - 47 (1.5')	87	92
890-9814-23	CS - 48 (1.5')	85	87
890-9814-24	CS - 49 (1.5')	80	86
890-9814-25	CS - 50 (1.5')	81	84
890-9814-26	CS - 51 (1.5')	88	90
890-9814-27	CS - 52 (4.5')	82	84
890-9814-28	CS - 53 (4.5')	84	87
890-9814-29	CS - 54 (4.5')	88	90
890-9814-30	CS - 55 (4.5')	82	85
890-9814-31	CS - 56 (4.5')	92	97
890-9814-32	CS - 57 (4.5')	83	86
890-9814-33	CS - 58 (4.5')	84	85
890-9814-33 MS	CS - 58 (4.5')	87	84
890-9814-33 MSD	CS - 58 (4.5')	89	85
890-9814-34	CS - 59 (4.5')	82	85
890-9814-35	CS - 60 (4.5')	77	79
890-9814-36	CS - 61 (4.5')	82	85
890-9814-37	CS - 62 (4.5')	81	83
890-9814-38	CS - 63 (4.5')	87	90
890-9814-39	CS - 64 (4.5')	84	84
890-9814-40	CS - 65 (4.5')	83	84
890-9814-41	CS - 66 (4.5')	80	85
890-9814-42	CS - 67 (4.5')	72	74
890-9814-43	CS - 68 (4.5')	81	85
890-9814-44	CS - 69 (4.5')	72	73
890-9814-45	CS - 70 (4.5')	77	78
890-9814-46	CS - 71 (4.5')	72	72
890-9814-47	CS - 72 (4.5')	69 S1-	70
890-9814-48	CS - 73 (4.5')	80	80
890-9814-49	CS - 74 (4.5')	78	80
890-9814-50	CS - 75 (4.5')	86	89
LCS 880-138542/2-A	Lab Control Sample	96	93
LCS 880-138544/2-A	Lab Control Sample	92	90
LCS 880-138546/2-A	Lab Control Sample	97	95
LCSD 880-138542/3-A	Lab Control Sample Dup	96	93
LCSD 880-138544/3-A	Lab Control Sample Dup	93	91
LCSD 880-138546/3-A	Lab Control Sample Dup	97	95
MB 880-138542/1-A	Method Blank	69 S1-	71

Surrogate Summary

Client: Carmona Resources
Job ID: 890-9814-1
Project/Site: LEA UNIT #008
SDG: Lea County New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-138544/1-A	Method Blank	71	73								
MB 880-138546/1-A	Method Blank	70	73								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138363/5-A
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/26 16:42	04/21/26 17:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/26 16:42	04/21/26 17:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/20/26 16:42*	*04/21/26 17:10*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*04/20/26 16:42*	*04/21/26 17:10*	*1*

Lab Sample ID: MB 880-138485/5-A
Matrix: Solid
Analysis Batch: 138600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:24	04/22/26 17:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:24	04/22/26 17:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:24	04/22/26 17:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 14:24	04/22/26 17:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:24	04/22/26 17:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 14:24	04/22/26 17:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/21/26 14:24*	*04/22/26 17:00*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*04/21/26 14:24*	*04/22/26 17:00*	*1*

Lab Sample ID: LCS 880-138485/1-A
Matrix: Solid
Analysis Batch: 138600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138485

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08733		mg/Kg		87	70 - 130
Toluene	0.100	0.08188		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08871		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1731		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08311		mg/Kg		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: LCSD 880-138485/2-A
Matrix: Solid
Analysis Batch: 138600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138485

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1032		mg/Kg		103	70 - 130	17	35

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-138485/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138600 — **Prep Batch: 138485**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09391		mg/Kg		94	70 - 130	14	35
Ethylbenzene			0.100	0.07603		mg/Kg		76	70 - 130	15	35
m-Xylene & p-Xylene			0.200	0.1685		mg/Kg		84	70 - 130	3	35
o-Xylene			0.100	0.08642		mg/Kg		86	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-9814-28 MS — **Client Sample ID: CS - 53 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138600 — **Prep Batch: 138485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1	0.100	0.06425	F1	mg/Kg		64	70 - 130
Toluene	<0.00202	U F1	0.100	0.05872	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00202	U F2 F1	0.100	0.04836	F1	mg/Kg		48	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1399		mg/Kg		70	70 - 130
o-Xylene	<0.00202	U F1	0.100	0.07292		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*

Lab Sample ID: 890-9814-28 MSD — **Client Sample ID: CS - 53 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138600 — **Prep Batch: 138485**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.100	0.06263	F1	mg/Kg		63	70 - 130	3	35
Toluene	<0.00202	U F1	0.100	0.05411	F1	mg/Kg		54	70 - 130	8	35
Ethylbenzene	<0.00202	U F2 F1	0.100	0.03245	F2 F1	mg/Kg		32	70 - 130	39	35
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.09845	F1	mg/Kg		49	70 - 130	35	35
o-Xylene	<0.00202	U F1	0.100	0.06707	F1	mg/Kg		67	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-138487/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138484 — **Prep Batch: 138487**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 14:26	04/22/26 08:51	1

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138487/5-A
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138487

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:26	04/22/26 08:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 14:26	04/22/26 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/21/26 14:26*	*04/22/26 08:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/21/26 14:26*	*04/22/26 08:51*	*1*

Lab Sample ID: LCS 880-138487/1-A
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138487

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1049		mg/Kg		105	70 - 130		
Toluene			0.100	0.1022		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.09737		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.1974		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09897		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-138487/2-A
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138487

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1018		mg/Kg		102	70 - 130	3	35
Toluene			0.100	0.09881		mg/Kg		99	70 - 130	3	35
Ethylbenzene			0.100	0.09469		mg/Kg		95	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1902		mg/Kg		95	70 - 130	4	35
o-Xylene			0.100	0.09710		mg/Kg		97	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-71162-A-1-G MS
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138487

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.07468		mg/Kg		75	70 - 130		
Toluene	<0.00200	U	0.100	0.07481		mg/Kg		75	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.07500		mg/Kg		75	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1500		mg/Kg		75	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08002		mg/Kg		80	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71162-A-1-G MS
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138487

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-71162-A-1-H MSD
Matrix: Solid
Analysis Batch: 138484

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138487

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.07849		mg/Kg		78	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07673		mg/Kg		77	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07567		mg/Kg		76	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1548		mg/Kg		77	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.07723		mg/Kg		77	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-138488/5-A
Matrix: Solid
Analysis Batch: 138570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138488

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:27	04/22/26 11:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:27	04/22/26 11:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:27	04/22/26 11:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 14:27	04/22/26 11:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 14:27	04/22/26 11:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 14:27	04/22/26 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/21/26 14:27	04/22/26 11:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/21/26 14:27	04/22/26 11:17	1

Lab Sample ID: LCS 880-138488/1-A
Matrix: Solid
Analysis Batch: 138570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138488

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1037		mg/Kg		104	70 - 130
Toluene	0.100	0.09979		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09393		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1963		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09841		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	389	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138488/1-A
Matrix: Solid
Analysis Batch: 138570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138488

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-138488/2-A
Matrix: Solid
Analysis Batch: 138570

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138488

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1040		mg/Kg		104	70 - 130	0	35
Toluene			0.100	0.09759		mg/Kg		98	70 - 130	2	35
Ethylbenzene			0.100	0.09820		mg/Kg		98	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.1920		mg/Kg		96	70 - 130	2	35
o-Xylene			0.100	0.09704		mg/Kg		97	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-71163-A-1-C MS
Matrix: Solid
Analysis Batch: 138570

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138488

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1 F2	0.100	0.09844		mg/Kg		98	70 - 130		
Toluene	<0.00200	U F1 F2	0.100	0.09259		mg/Kg		93	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.09420		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1813		mg/Kg		91	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.09084		mg/Kg		91	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-71163-A-1-D MSD
Matrix: Solid
Analysis Batch: 138570

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138488

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.100	0.03524	F1 F2	mg/Kg		35	70 - 130	95	35
Toluene	<0.00200	U F1 F2	0.100	0.03558	F1 F2	mg/Kg		36	70 - 130	89	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.03829	F1 F2	mg/Kg		38	70 - 130	84	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.07776	F1 F2	mg/Kg		39	70 - 130	80	35
o-Xylene	<0.00200	U F1 F2	0.100	0.04918	F1 F2	mg/Kg		49	70 - 130	60	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138548/5-A
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 05:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/26 21:44	04/22/26 05:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/26 21:44	04/22/26 05:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/21/26 21:44*	*04/22/26 05:25*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*04/21/26 21:44*	*04/22/26 05:25*	*1*

Lab Sample ID: LCS 880-138548/1-A
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138548

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09271		mg/Kg		93	70 - 130		
Toluene			0.100	0.09078		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.1087		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene			0.200	0.1851		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.08403		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: LCSD 880-138548/2-A
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138548

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09852		mg/Kg		99	70 - 130	6	35
Toluene			0.100	0.09295		mg/Kg		93	70 - 130	2	35
Ethylbenzene			0.100	0.08140		mg/Kg		81	70 - 130	29	35
m-Xylene & p-Xylene			0.200	0.1731		mg/Kg		87	70 - 130	7	35
o-Xylene			0.100	0.1214	*1	mg/Kg		121	70 - 130	36	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-9814-1 MS
Matrix: Solid
Analysis Batch: 138478

Client Sample ID: CS - 26 (3.0')
Prep Type: Total/NA
Prep Batch: 138548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.07622		mg/Kg		76	70 - 130		
Toluene	<0.00200	U	0.100	0.08376		mg/Kg		84	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9814-1 MS — **Client Sample ID: CS - 26 (3.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138478 — **Prep Batch: 138548**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08822		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1682		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U *1	0.100	0.08979		mg/Kg		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: 890-9814-1 MSD — **Client Sample ID: CS - 26 (3.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138478 — **Prep Batch: 138548**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06778	F1	mg/Kg		68	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.07819		mg/Kg		78	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1545		mg/Kg		77	70 - 130	8	35
o-Xylene	<0.00200	U *1	0.100	0.08403		mg/Kg		84	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-138555/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138596 — **Prep Batch: 138555**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 08:28	04/22/26 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 08:28	04/22/26 16:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 08:28	04/22/26 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*225*	*S1+*	*70 - 130*	*04/22/26 08:28*	*04/22/26 16:10*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*04/22/26 08:28*	*04/22/26 16:10*	*1*

Lab Sample ID: LCS 880-138555/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138596 — **Prep Batch: 138555**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1164		mg/Kg		116	70 - 130
Toluene	0.100	0.08741		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09615		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1978		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138555/1-A
Matrix: Solid
Analysis Batch: 138596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138555

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09539		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*127*		*70 - 130*

Lab Sample ID: LCSD 880-138555/2-A
Matrix: Solid
Analysis Batch: 138596

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138555

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1055		mg/Kg		105	70 - 130	10	35
Toluene			0.100	0.09141		mg/Kg		91	70 - 130	4	35
Ethylbenzene			0.100	0.09819		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2011		mg/Kg		101	70 - 130	2	35
o-Xylene			0.100	0.09690		mg/Kg		97	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-9814-21 MS
Matrix: Solid
Analysis Batch: 138596

Client Sample ID: CS - 46 (1.5')
Prep Type: Total/NA
Prep Batch: 138555

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09243		mg/Kg		92	70 - 130		
Toluene	<0.00200	U	0.100	0.07998		mg/Kg		80	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08936		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1717		mg/Kg		86	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08290		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-9814-21 MSD
Matrix: Solid
Analysis Batch: 138596

Client Sample ID: CS - 46 (1.5')
Prep Type: Total/NA
Prep Batch: 138555

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09844		mg/Kg		98	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.07655		mg/Kg		77	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08697		mg/Kg		87	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1771		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08591		mg/Kg		86	70 - 130	4	35

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9814-21 MSD
Matrix: Solid
Analysis Batch: 138596

Client Sample ID: CS - 46 (1.5')
Prep Type: Total/NA
Prep Batch: 138555

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	124		70 - 130

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

Lab Sample ID: MB 880-138542/1-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138542

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		04/21/26 18:53	04/21/26 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:53	04/21/26 19:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130	04/21/26 18:53	04/21/26 19:21	1
o-Terphenyl (Surr)	71		70 - 130	04/21/26 18:53	04/21/26 19:21	1

Lab Sample ID: LCS 880-138542/2-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138542

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	947.0		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	953.6		mg/Kg		95	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-138542/3-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138542

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	929.9		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	925.7		mg/Kg		93	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	93		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9813-A-19-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138455 — **Prep Batch: 138542**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	804.1		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	794.8		mg/Kg		80	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*82*		*70 - 130*
o-Terphenyl (Surr)	*80*		*70 - 130*

Lab Sample ID: 890-9813-A-19-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138455 — **Prep Batch: 138542**

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	<50.0	U	997	821.4		mg/Kg		82	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	802.9		mg/Kg		81	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*79*		*70 - 130*

Lab Sample ID: MB 880-138544/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138452 — **Prep Batch: 138544**

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		04/21/26 18:57	04/22/26 02:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:57	04/22/26 02:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*04/21/26 18:57*	*04/22/26 02:29*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/21/26 18:57*	*04/22/26 02:29*	*1*

Lab Sample ID: LCS 880-138544/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 138452 — **Prep Batch: 138544**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	943.9		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138544/2-A
Matrix: Solid
Analysis Batch: 138452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138544

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-138544/3-A
Matrix: Solid
Analysis Batch: 138452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138544

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	852.9		mg/Kg		85	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	972.9		mg/Kg		97	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 890-9814-15 MS
Matrix: Solid
Analysis Batch: 138452

Client Sample ID: CS - 40 (1.5')
Prep Type: Total/NA
Prep Batch: 138544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	736.0		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	803.3		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 890-9814-15 MSD
Matrix: Solid
Analysis Batch: 138452

Client Sample ID: CS - 40 (1.5')
Prep Type: Total/NA
Prep Batch: 138544

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	<50.0	U	995	810.1		mg/Kg		81	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<50.0	U	995	834.2		mg/Kg		84	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	92		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138546/1-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138546

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		04/21/26 18:59	04/22/26 02:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:59	04/22/26 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:59	04/22/26 02:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*04/21/26 18:59*	*04/22/26 02:29*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/21/26 18:59*	*04/22/26 02:29*	*1*

Lab Sample ID: LCS 880-138546/2-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	940.0		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	945.6		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-138546/3-A
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138546

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	944.4		mg/Kg		94	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	951.2		mg/Kg		95	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-9814-33 MS
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: CS - 58 (4.5')
Prep Type: Total/NA
Prep Batch: 138546

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	759.1		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	776.0		mg/Kg		78	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9814-33 MS
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: CS - 58 (4.5')
Prep Type: Total/NA
Prep Batch: 138546

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 890-9814-33 MSD
Matrix: Solid
Analysis Batch: 138455

Client Sample ID: CS - 58 (4.5')
Prep Type: Total/NA
Prep Batch: 138546

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	<50.0	U	998	780.6		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	793.3		mg/Kg		79	70 - 130	2	20

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138550/1-A
Matrix: Solid
Analysis Batch: 138556

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			04/22/26 11:52	1

Lab Sample ID: LCS 880-138550/2-A
Matrix: Solid
Analysis Batch: 138556

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.1		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-138550/3-A
Matrix: Solid
Analysis Batch: 138556

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	236.6		mg/Kg		95	90 - 110	4	20

Lab Sample ID: 890-9814-2 MS
Matrix: Solid
Analysis Batch: 138556

Client Sample ID: CS - 27 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	240.2		mg/Kg		96	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9814-2 MSD — **Client Sample ID: CS - 27 (3.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138556

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	229.9		mg/Kg		92	90 - 110	4	20

Lab Sample ID: MB 880-138551/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/22/26 11:15	1

Lab Sample ID: LCS 880-138551/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-138551/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.4		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 890-9814-12 MS — **Client Sample ID: CS - 37 (3.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	64.4		249	309.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-9814-12 MSD — **Client Sample ID: CS - 37 (3.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	64.4		249	313.3		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-9814-22 MS — **Client Sample ID: CS - 47 (1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	71.9		250	319.7		mg/Kg		99	90 - 110

Lab Sample ID: 890-9814-22 MSD — **Client Sample ID: CS - 47 (1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 138557

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	71.9		250	321.8		mg/Kg		100	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138552/1-A
Matrix: Solid
Analysis Batch: 138562

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			04/22/26 10:57	1

Lab Sample ID: LCS 880-138552/2-A
Matrix: Solid
Analysis Batch: 138562

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.7		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-138552/3-A
Matrix: Solid
Analysis Batch: 138562

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	235.5		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-9814-32 MS
Matrix: Solid
Analysis Batch: 138562

Client Sample ID: CS - 57 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	36.7		250	260.6		mg/Kg		90	90 - 110		

Lab Sample ID: 890-9814-32 MSD
Matrix: Solid
Analysis Batch: 138562

Client Sample ID: CS - 57 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	36.7		250	260.7		mg/Kg		90	90 - 110	0	20

Lab Sample ID: 890-9814-42 MS
Matrix: Solid
Analysis Batch: 138562

Client Sample ID: CS - 67 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<9.94	U	249	223.4		mg/Kg		90	90 - 110		

Lab Sample ID: 890-9814-42 MSD
Matrix: Solid
Analysis Batch: 138562

Client Sample ID: CS - 67 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.94	U	249	223.9		mg/Kg		90	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 138363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-138363/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 138478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Total/NA	Solid	8021B	138548
890-9814-2	CS - 27 (3.0')	Total/NA	Solid	8021B	138548
890-9814-3	CS - 28 (3.0')	Total/NA	Solid	8021B	138548
890-9814-4	CS - 29 (3.0')	Total/NA	Solid	8021B	138548
890-9814-5	CS - 30 (3.0')	Total/NA	Solid	8021B	138548
890-9814-6	CS - 31 (3.0')	Total/NA	Solid	8021B	138548
890-9814-7	CS - 32 (3.0')	Total/NA	Solid	8021B	138548
890-9814-8	CS - 33 (3.0')	Total/NA	Solid	8021B	138548
890-9814-9	CS - 34 (3.0')	Total/NA	Solid	8021B	138548
890-9814-10	CS - 35 (3.0')	Total/NA	Solid	8021B	138548
890-9814-11	CS - 36 (3.0')	Total/NA	Solid	8021B	138548
890-9814-12	CS - 37 (3.0')	Total/NA	Solid	8021B	138548
890-9814-13	CS - 38 (3.0')	Total/NA	Solid	8021B	138548
890-9814-14	CS - 39 (1.5')	Total/NA	Solid	8021B	138548
890-9814-15	CS - 40 (1.5')	Total/NA	Solid	8021B	138548
890-9814-16	CS - 41 (1.5')	Total/NA	Solid	8021B	138548
890-9814-17	CS - 42 (1.5')	Total/NA	Solid	8021B	138548
890-9814-18	CS - 43 (1.5')	Total/NA	Solid	8021B	138548
890-9814-19	CS - 44 (1.5')	Total/NA	Solid	8021B	138548
890-9814-20	CS - 45 (1.5')	Total/NA	Solid	8021B	138548
MB 880-138363/5-A	Method Blank	Total/NA	Solid	8021B	138363
MB 880-138548/5-A	Method Blank	Total/NA	Solid	8021B	138548
LCS 880-138548/1-A	Lab Control Sample	Total/NA	Solid	8021B	138548
LCSD 880-138548/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138548
890-9814-1 MS	CS - 26 (3.0')	Total/NA	Solid	8021B	138548
890-9814-1 MSD	CS - 26 (3.0')	Total/NA	Solid	8021B	138548

Analysis Batch: 138484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-42	CS - 67 (4.5')	Total/NA	Solid	8021B	138487
890-9814-43	CS - 68 (4.5')	Total/NA	Solid	8021B	138487
890-9814-44	CS - 69 (4.5')	Total/NA	Solid	8021B	138487
890-9814-45	CS - 70 (4.5')	Total/NA	Solid	8021B	138487
890-9814-46	CS - 71 (4.5')	Total/NA	Solid	8021B	138487
890-9814-47	CS - 72 (4.5')	Total/NA	Solid	8021B	138487
890-9814-48	CS - 73 (4.5')	Total/NA	Solid	8021B	138487
890-9814-49	CS - 74 (4.5')	Total/NA	Solid	8021B	138487
890-9814-50	CS - 75 (4.5')	Total/NA	Solid	8021B	138487
MB 880-138487/5-A	Method Blank	Total/NA	Solid	8021B	138487
LCS 880-138487/1-A	Lab Control Sample	Total/NA	Solid	8021B	138487
LCSD 880-138487/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138487
880-71162-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	138487
880-71162-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138487

Prep Batch: 138485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-28	CS - 53 (4.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 138485 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-29	CS - 54 (4.5')	Total/NA	Solid	5035	
890-9814-30	CS - 55 (4.5')	Total/NA	Solid	5035	
890-9814-31	CS - 56 (4.5')	Total/NA	Solid	5035	
890-9814-32	CS - 57 (4.5')	Total/NA	Solid	5035	
890-9814-33	CS - 58 (4.5')	Total/NA	Solid	5035	
890-9814-34	CS - 59 (4.5')	Total/NA	Solid	5035	
MB 880-138485/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138485/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138485/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9814-28 MS	CS - 53 (4.5')	Total/NA	Solid	5035	
890-9814-28 MSD	CS - 53 (4.5')	Total/NA	Solid	5035	

Prep Batch: 138487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-42	CS - 67 (4.5')	Total/NA	Solid	5035	
890-9814-43	CS - 68 (4.5')	Total/NA	Solid	5035	
890-9814-44	CS - 69 (4.5')	Total/NA	Solid	5035	
890-9814-45	CS - 70 (4.5')	Total/NA	Solid	5035	
890-9814-46	CS - 71 (4.5')	Total/NA	Solid	5035	
890-9814-47	CS - 72 (4.5')	Total/NA	Solid	5035	
890-9814-48	CS - 73 (4.5')	Total/NA	Solid	5035	
890-9814-49	CS - 74 (4.5')	Total/NA	Solid	5035	
890-9814-50	CS - 75 (4.5')	Total/NA	Solid	5035	
MB 880-138487/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138487/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138487/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71162-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-71162-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 138488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-35	CS - 60 (4.5')	Total/NA	Solid	5035	
890-9814-36	CS - 61 (4.5')	Total/NA	Solid	5035	
890-9814-37	CS - 62 (4.5')	Total/NA	Solid	5035	
890-9814-38	CS - 63 (4.5')	Total/NA	Solid	5035	
890-9814-39	CS - 64 (4.5')	Total/NA	Solid	5035	
890-9814-40	CS - 65 (4.5')	Total/NA	Solid	5035	
890-9814-41	CS - 66 (4.5')	Total/NA	Solid	5035	
MB 880-138488/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138488/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138488/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71163-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-71163-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 138548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Total/NA	Solid	5035	
890-9814-2	CS - 27 (3.0')	Total/NA	Solid	5035	
890-9814-3	CS - 28 (3.0')	Total/NA	Solid	5035	
890-9814-4	CS - 29 (3.0')	Total/NA	Solid	5035	
890-9814-5	CS - 30 (3.0')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 138548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-6	CS - 31 (3.0')	Total/NA	Solid	5035	
890-9814-7	CS - 32 (3.0')	Total/NA	Solid	5035	
890-9814-8	CS - 33 (3.0')	Total/NA	Solid	5035	
890-9814-9	CS - 34 (3.0')	Total/NA	Solid	5035	
890-9814-10	CS - 35 (3.0')	Total/NA	Solid	5035	
890-9814-11	CS - 36 (3.0')	Total/NA	Solid	5035	
890-9814-12	CS - 37 (3.0')	Total/NA	Solid	5035	
890-9814-13	CS - 38 (3.0')	Total/NA	Solid	5035	
890-9814-14	CS - 39 (1.5')	Total/NA	Solid	5035	
890-9814-15	CS - 40 (1.5')	Total/NA	Solid	5035	
890-9814-16	CS - 41 (1.5')	Total/NA	Solid	5035	
890-9814-17	CS - 42 (1.5')	Total/NA	Solid	5035	
890-9814-18	CS - 43 (1.5')	Total/NA	Solid	5035	
890-9814-19	CS - 44 (1.5')	Total/NA	Solid	5035	
890-9814-20	CS - 45 (1.5')	Total/NA	Solid	5035	
MB 880-138548/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138548/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138548/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9814-1 MS	CS - 26 (3.0')	Total/NA	Solid	5035	
890-9814-1 MSD	CS - 26 (3.0')	Total/NA	Solid	5035	

Prep Batch: 138555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-21	CS - 46 (1.5')	Total/NA	Solid	5035	
890-9814-22	CS - 47 (1.5')	Total/NA	Solid	5035	
890-9814-23	CS - 48 (1.5')	Total/NA	Solid	5035	
890-9814-24	CS - 49 (1.5')	Total/NA	Solid	5035	
890-9814-25	CS - 50 (1.5')	Total/NA	Solid	5035	
890-9814-26	CS - 51 (1.5')	Total/NA	Solid	5035	
890-9814-27	CS - 52 (4.5')	Total/NA	Solid	5035	
MB 880-138555/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138555/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138555/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9814-21 MS	CS - 46 (1.5')	Total/NA	Solid	5035	
890-9814-21 MSD	CS - 46 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 138570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-35	CS - 60 (4.5')	Total/NA	Solid	8021B	138488
890-9814-36	CS - 61 (4.5')	Total/NA	Solid	8021B	138488
890-9814-37	CS - 62 (4.5')	Total/NA	Solid	8021B	138488
890-9814-38	CS - 63 (4.5')	Total/NA	Solid	8021B	138488
890-9814-39	CS - 64 (4.5')	Total/NA	Solid	8021B	138488
890-9814-40	CS - 65 (4.5')	Total/NA	Solid	8021B	138488
890-9814-41	CS - 66 (4.5')	Total/NA	Solid	8021B	138488
MB 880-138488/5-A	Method Blank	Total/NA	Solid	8021B	138488
LCS 880-138488/1-A	Lab Control Sample	Total/NA	Solid	8021B	138488
LCSD 880-138488/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138488
880-71163-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	138488
880-71163-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	138488

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 138596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-21	CS - 46 (1.5')	Total/NA	Solid	8021B	138555
890-9814-22	CS - 47 (1.5')	Total/NA	Solid	8021B	138555
890-9814-23	CS - 48 (1.5')	Total/NA	Solid	8021B	138555
890-9814-24	CS - 49 (1.5')	Total/NA	Solid	8021B	138555
890-9814-25	CS - 50 (1.5')	Total/NA	Solid	8021B	138555
890-9814-26	CS - 51 (1.5')	Total/NA	Solid	8021B	138555
890-9814-27	CS - 52 (4.5')	Total/NA	Solid	8021B	138555
MB 880-138555/5-A	Method Blank	Total/NA	Solid	8021B	138555
LCS 880-138555/1-A	Lab Control Sample	Total/NA	Solid	8021B	138555
LCSD 880-138555/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138555
890-9814-21 MS	CS - 46 (1.5')	Total/NA	Solid	8021B	138555
890-9814-21 MSD	CS - 46 (1.5')	Total/NA	Solid	8021B	138555

Analysis Batch: 138600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-28	CS - 53 (4.5')	Total/NA	Solid	8021B	138485
890-9814-29	CS - 54 (4.5')	Total/NA	Solid	8021B	138485
890-9814-30	CS - 55 (4.5')	Total/NA	Solid	8021B	138485
890-9814-31	CS - 56 (4.5')	Total/NA	Solid	8021B	138485
890-9814-32	CS - 57 (4.5')	Total/NA	Solid	8021B	138485
890-9814-33	CS - 58 (4.5')	Total/NA	Solid	8021B	138485
890-9814-34	CS - 59 (4.5')	Total/NA	Solid	8021B	138485
MB 880-138485/5-A	Method Blank	Total/NA	Solid	8021B	138485
LCS 880-138485/1-A	Lab Control Sample	Total/NA	Solid	8021B	138485
LCSD 880-138485/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138485
890-9814-28 MS	CS - 53 (4.5')	Total/NA	Solid	8021B	138485
890-9814-28 MSD	CS - 53 (4.5')	Total/NA	Solid	8021B	138485

Analysis Batch: 138638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-2	CS - 27 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-3	CS - 28 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-4	CS - 29 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-5	CS - 30 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-6	CS - 31 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-7	CS - 32 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-8	CS - 33 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-9	CS - 34 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-10	CS - 35 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-11	CS - 36 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-12	CS - 37 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-13	CS - 38 (3.0')	Total/NA	Solid	Total BTEX	
890-9814-14	CS - 39 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-15	CS - 40 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-16	CS - 41 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-17	CS - 42 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-18	CS - 43 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-19	CS - 44 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-20	CS - 45 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-21	CS - 46 (1.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 138638 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-22	CS - 47 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-23	CS - 48 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-24	CS - 49 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-25	CS - 50 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-26	CS - 51 (1.5')	Total/NA	Solid	Total BTEX	
890-9814-27	CS - 52 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-28	CS - 53 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-29	CS - 54 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-30	CS - 55 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-31	CS - 56 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-32	CS - 57 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-33	CS - 58 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-34	CS - 59 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-35	CS - 60 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-36	CS - 61 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-37	CS - 62 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-38	CS - 63 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-39	CS - 64 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-40	CS - 65 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-41	CS - 66 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-42	CS - 67 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-43	CS - 68 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-44	CS - 69 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-45	CS - 70 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-46	CS - 71 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-47	CS - 72 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-48	CS - 73 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-49	CS - 74 (4.5')	Total/NA	Solid	Total BTEX	
890-9814-50	CS - 75 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 138452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-15	CS - 40 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-16	CS - 41 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-17	CS - 42 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-18	CS - 43 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-19	CS - 44 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-20	CS - 45 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-21	CS - 46 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-22	CS - 47 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-23	CS - 48 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-24	CS - 49 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-25	CS - 50 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-26	CS - 51 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-27	CS - 52 (4.5')	Total/NA	Solid	8015B NM	138544
890-9814-28	CS - 53 (4.5')	Total/NA	Solid	8015B NM	138544
890-9814-29	CS - 54 (4.5')	Total/NA	Solid	8015B NM	138544
890-9814-30	CS - 55 (4.5')	Total/NA	Solid	8015B NM	138544
890-9814-31	CS - 56 (4.5')	Total/NA	Solid	8015B NM	138544

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-32	CS - 57 (4.5')	Total/NA	Solid	8015B NM	138544
MB 880-138544/1-A	Method Blank	Total/NA	Solid	8015B NM	138544
LCS 880-138544/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138544
LCSD 880-138544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138544
890-9814-15 MS	CS - 40 (1.5')	Total/NA	Solid	8015B NM	138544
890-9814-15 MSD	CS - 40 (1.5')	Total/NA	Solid	8015B NM	138544

Analysis Batch: 138455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-2	CS - 27 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-3	CS - 28 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-4	CS - 29 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-5	CS - 30 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-6	CS - 31 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-7	CS - 32 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-8	CS - 33 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-9	CS - 34 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-10	CS - 35 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-11	CS - 36 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-12	CS - 37 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-13	CS - 38 (3.0')	Total/NA	Solid	8015B NM	138542
890-9814-14	CS - 39 (1.5')	Total/NA	Solid	8015B NM	138542
890-9814-33	CS - 58 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-34	CS - 59 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-35	CS - 60 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-36	CS - 61 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-37	CS - 62 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-38	CS - 63 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-39	CS - 64 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-40	CS - 65 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-41	CS - 66 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-42	CS - 67 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-43	CS - 68 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-44	CS - 69 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-45	CS - 70 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-46	CS - 71 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-47	CS - 72 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-48	CS - 73 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-49	CS - 74 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-50	CS - 75 (4.5')	Total/NA	Solid	8015B NM	138546
MB 880-138542/1-A	Method Blank	Total/NA	Solid	8015B NM	138542
MB 880-138546/1-A	Method Blank	Total/NA	Solid	8015B NM	138546
LCS 880-138542/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138542
LCS 880-138546/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138546
LCSD 880-138542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138542
LCSD 880-138546/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138546
890-9813-A-19-B MS	Matrix Spike	Total/NA	Solid	8015B NM	138542
890-9813-A-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138542
890-9814-33 MS	CS - 58 (4.5')	Total/NA	Solid	8015B NM	138546
890-9814-33 MSD	CS - 58 (4.5')	Total/NA	Solid	8015B NM	138546

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 138542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-2	CS - 27 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-3	CS - 28 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-4	CS - 29 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-5	CS - 30 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-6	CS - 31 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-7	CS - 32 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-8	CS - 33 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-9	CS - 34 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-10	CS - 35 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-11	CS - 36 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-12	CS - 37 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-13	CS - 38 (3.0')	Total/NA	Solid	8015NM Prep	
890-9814-14	CS - 39 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-138542/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138542/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9813-A-19-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9813-A-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 138544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-15	CS - 40 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-16	CS - 41 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-17	CS - 42 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-18	CS - 43 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-19	CS - 44 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-20	CS - 45 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-21	CS - 46 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-22	CS - 47 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-23	CS - 48 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-24	CS - 49 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-25	CS - 50 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-26	CS - 51 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-27	CS - 52 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-28	CS - 53 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-29	CS - 54 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-30	CS - 55 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-31	CS - 56 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-32	CS - 57 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-138544/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138544/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9814-15 MS	CS - 40 (1.5')	Total/NA	Solid	8015NM Prep	
890-9814-15 MSD	CS - 40 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 138546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-33	CS - 58 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-34	CS - 59 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-35	CS - 60 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 138546 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-36	CS - 61 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-37	CS - 62 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-38	CS - 63 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-39	CS - 64 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-40	CS - 65 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-41	CS - 66 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-42	CS - 67 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-43	CS - 68 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-44	CS - 69 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-45	CS - 70 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-46	CS - 71 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-47	CS - 72 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-48	CS - 73 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-49	CS - 74 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-50	CS - 75 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-138546/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138546/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138546/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9814-33 MS	CS - 58 (4.5')	Total/NA	Solid	8015NM Prep	
890-9814-33 MSD	CS - 58 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Total/NA	Solid	8015 NM	
890-9814-2	CS - 27 (3.0')	Total/NA	Solid	8015 NM	
890-9814-3	CS - 28 (3.0')	Total/NA	Solid	8015 NM	
890-9814-4	CS - 29 (3.0')	Total/NA	Solid	8015 NM	
890-9814-5	CS - 30 (3.0')	Total/NA	Solid	8015 NM	
890-9814-6	CS - 31 (3.0')	Total/NA	Solid	8015 NM	
890-9814-7	CS - 32 (3.0')	Total/NA	Solid	8015 NM	
890-9814-8	CS - 33 (3.0')	Total/NA	Solid	8015 NM	
890-9814-9	CS - 34 (3.0')	Total/NA	Solid	8015 NM	
890-9814-10	CS - 35 (3.0')	Total/NA	Solid	8015 NM	
890-9814-11	CS - 36 (3.0')	Total/NA	Solid	8015 NM	
890-9814-12	CS - 37 (3.0')	Total/NA	Solid	8015 NM	
890-9814-13	CS - 38 (3.0')	Total/NA	Solid	8015 NM	
890-9814-14	CS - 39 (1.5')	Total/NA	Solid	8015 NM	
890-9814-15	CS - 40 (1.5')	Total/NA	Solid	8015 NM	
890-9814-16	CS - 41 (1.5')	Total/NA	Solid	8015 NM	
890-9814-17	CS - 42 (1.5')	Total/NA	Solid	8015 NM	
890-9814-18	CS - 43 (1.5')	Total/NA	Solid	8015 NM	
890-9814-19	CS - 44 (1.5')	Total/NA	Solid	8015 NM	
890-9814-20	CS - 45 (1.5')	Total/NA	Solid	8015 NM	
890-9814-21	CS - 46 (1.5')	Total/NA	Solid	8015 NM	
890-9814-22	CS - 47 (1.5')	Total/NA	Solid	8015 NM	
890-9814-23	CS - 48 (1.5')	Total/NA	Solid	8015 NM	
890-9814-24	CS - 49 (1.5')	Total/NA	Solid	8015 NM	
890-9814-25	CS - 50 (1.5')	Total/NA	Solid	8015 NM	
890-9814-26	CS - 51 (1.5')	Total/NA	Solid	8015 NM	
890-9814-27	CS - 52 (4.5')	Total/NA	Solid	8015 NM	
890-9814-28	CS - 53 (4.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 138604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-29	CS - 54 (4.5')	Total/NA	Solid	8015 NM	
890-9814-30	CS - 55 (4.5')	Total/NA	Solid	8015 NM	
890-9814-31	CS - 56 (4.5')	Total/NA	Solid	8015 NM	
890-9814-32	CS - 57 (4.5')	Total/NA	Solid	8015 NM	
890-9814-33	CS - 58 (4.5')	Total/NA	Solid	8015 NM	
890-9814-34	CS - 59 (4.5')	Total/NA	Solid	8015 NM	
890-9814-35	CS - 60 (4.5')	Total/NA	Solid	8015 NM	
890-9814-36	CS - 61 (4.5')	Total/NA	Solid	8015 NM	
890-9814-37	CS - 62 (4.5')	Total/NA	Solid	8015 NM	
890-9814-38	CS - 63 (4.5')	Total/NA	Solid	8015 NM	
890-9814-39	CS - 64 (4.5')	Total/NA	Solid	8015 NM	
890-9814-40	CS - 65 (4.5')	Total/NA	Solid	8015 NM	
890-9814-41	CS - 66 (4.5')	Total/NA	Solid	8015 NM	
890-9814-42	CS - 67 (4.5')	Total/NA	Solid	8015 NM	
890-9814-43	CS - 68 (4.5')	Total/NA	Solid	8015 NM	
890-9814-44	CS - 69 (4.5')	Total/NA	Solid	8015 NM	
890-9814-45	CS - 70 (4.5')	Total/NA	Solid	8015 NM	
890-9814-46	CS - 71 (4.5')	Total/NA	Solid	8015 NM	
890-9814-47	CS - 72 (4.5')	Total/NA	Solid	8015 NM	
890-9814-48	CS - 73 (4.5')	Total/NA	Solid	8015 NM	
890-9814-49	CS - 74 (4.5')	Total/NA	Solid	8015 NM	
890-9814-50	CS - 75 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Soluble	Solid	DI Leach	
890-9814-2	CS - 27 (3.0')	Soluble	Solid	DI Leach	
890-9814-3	CS - 28 (3.0')	Soluble	Solid	DI Leach	
890-9814-4	CS - 29 (3.0')	Soluble	Solid	DI Leach	
890-9814-5	CS - 30 (3.0')	Soluble	Solid	DI Leach	
890-9814-6	CS - 31 (3.0')	Soluble	Solid	DI Leach	
890-9814-7	CS - 32 (3.0')	Soluble	Solid	DI Leach	
890-9814-8	CS - 33 (3.0')	Soluble	Solid	DI Leach	
890-9814-9	CS - 34 (3.0')	Soluble	Solid	DI Leach	
890-9814-10	CS - 35 (3.0')	Soluble	Solid	DI Leach	
890-9814-11	CS - 36 (3.0')	Soluble	Solid	DI Leach	
MB 880-138550/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138550/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138550/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9814-2 MS	CS - 27 (3.0')	Soluble	Solid	DI Leach	
890-9814-2 MSD	CS - 27 (3.0')	Soluble	Solid	DI Leach	

Leach Batch: 138551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-12	CS - 37 (3.0')	Soluble	Solid	DI Leach	
890-9814-13	CS - 38 (3.0')	Soluble	Solid	DI Leach	
890-9814-14	CS - 39 (1.5')	Soluble	Solid	DI Leach	
890-9814-15	CS - 40 (1.5')	Soluble	Solid	DI Leach	
890-9814-16	CS - 41 (1.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 138551 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-17	CS - 42 (1.5')	Soluble	Solid	DI Leach	
890-9814-18	CS - 43 (1.5')	Soluble	Solid	DI Leach	
890-9814-19	CS - 44 (1.5')	Soluble	Solid	DI Leach	
890-9814-20	CS - 45 (1.5')	Soluble	Solid	DI Leach	
890-9814-21	CS - 46 (1.5')	Soluble	Solid	DI Leach	
890-9814-22	CS - 47 (1.5')	Soluble	Solid	DI Leach	
890-9814-23	CS - 48 (1.5')	Soluble	Solid	DI Leach	
890-9814-24	CS - 49 (1.5')	Soluble	Solid	DI Leach	
890-9814-25	CS - 50 (1.5')	Soluble	Solid	DI Leach	
890-9814-26	CS - 51 (1.5')	Soluble	Solid	DI Leach	
890-9814-27	CS - 52 (4.5')	Soluble	Solid	DI Leach	
890-9814-28	CS - 53 (4.5')	Soluble	Solid	DI Leach	
890-9814-29	CS - 54 (4.5')	Soluble	Solid	DI Leach	
890-9814-30	CS - 55 (4.5')	Soluble	Solid	DI Leach	
890-9814-31	CS - 56 (4.5')	Soluble	Solid	DI Leach	
MB 880-138551/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138551/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138551/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9814-12 MS	CS - 37 (3.0')	Soluble	Solid	DI Leach	
890-9814-12 MSD	CS - 37 (3.0')	Soluble	Solid	DI Leach	
890-9814-22 MS	CS - 47 (1.5')	Soluble	Solid	DI Leach	
890-9814-22 MSD	CS - 47 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 138552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-32	CS - 57 (4.5')	Soluble	Solid	DI Leach	
890-9814-33	CS - 58 (4.5')	Soluble	Solid	DI Leach	
890-9814-34	CS - 59 (4.5')	Soluble	Solid	DI Leach	
890-9814-35	CS - 60 (4.5')	Soluble	Solid	DI Leach	
890-9814-36	CS - 61 (4.5')	Soluble	Solid	DI Leach	
890-9814-37	CS - 62 (4.5')	Soluble	Solid	DI Leach	
890-9814-38	CS - 63 (4.5')	Soluble	Solid	DI Leach	
890-9814-39	CS - 64 (4.5')	Soluble	Solid	DI Leach	
890-9814-40	CS - 65 (4.5')	Soluble	Solid	DI Leach	
890-9814-41	CS - 66 (4.5')	Soluble	Solid	DI Leach	
890-9814-42	CS - 67 (4.5')	Soluble	Solid	DI Leach	
890-9814-43	CS - 68 (4.5')	Soluble	Solid	DI Leach	
890-9814-44	CS - 69 (4.5')	Soluble	Solid	DI Leach	
890-9814-45	CS - 70 (4.5')	Soluble	Solid	DI Leach	
890-9814-46	CS - 71 (4.5')	Soluble	Solid	DI Leach	
890-9814-47	CS - 72 (4.5')	Soluble	Solid	DI Leach	
890-9814-48	CS - 73 (4.5')	Soluble	Solid	DI Leach	
890-9814-49	CS - 74 (4.5')	Soluble	Solid	DI Leach	
890-9814-50	CS - 75 (4.5')	Soluble	Solid	DI Leach	
MB 880-138552/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138552/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138552/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9814-32 MS	CS - 57 (4.5')	Soluble	Solid	DI Leach	
890-9814-32 MSD	CS - 57 (4.5')	Soluble	Solid	DI Leach	
890-9814-42 MS	CS - 67 (4.5')	Soluble	Solid	DI Leach	
890-9814-42 MSD	CS - 67 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 138556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-1	CS - 26 (3.0')	Soluble	Solid	300.0	138550
890-9814-2	CS - 27 (3.0')	Soluble	Solid	300.0	138550
890-9814-3	CS - 28 (3.0')	Soluble	Solid	300.0	138550
890-9814-4	CS - 29 (3.0')	Soluble	Solid	300.0	138550
890-9814-5	CS - 30 (3.0')	Soluble	Solid	300.0	138550
890-9814-6	CS - 31 (3.0')	Soluble	Solid	300.0	138550
890-9814-7	CS - 32 (3.0')	Soluble	Solid	300.0	138550
890-9814-8	CS - 33 (3.0')	Soluble	Solid	300.0	138550
890-9814-9	CS - 34 (3.0')	Soluble	Solid	300.0	138550
890-9814-10	CS - 35 (3.0')	Soluble	Solid	300.0	138550
890-9814-11	CS - 36 (3.0')	Soluble	Solid	300.0	138550
MB 880-138550/1-A	Method Blank	Soluble	Solid	300.0	138550
LCS 880-138550/2-A	Lab Control Sample	Soluble	Solid	300.0	138550
LCSD 880-138550/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138550
890-9814-2 MS	CS - 27 (3.0')	Soluble	Solid	300.0	138550
890-9814-2 MSD	CS - 27 (3.0')	Soluble	Solid	300.0	138550

Analysis Batch: 138557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-12	CS - 37 (3.0')	Soluble	Solid	300.0	138551
890-9814-13	CS - 38 (3.0')	Soluble	Solid	300.0	138551
890-9814-14	CS - 39 (1.5')	Soluble	Solid	300.0	138551
890-9814-15	CS - 40 (1.5')	Soluble	Solid	300.0	138551
890-9814-16	CS - 41 (1.5')	Soluble	Solid	300.0	138551
890-9814-17	CS - 42 (1.5')	Soluble	Solid	300.0	138551
890-9814-18	CS - 43 (1.5')	Soluble	Solid	300.0	138551
890-9814-19	CS - 44 (1.5')	Soluble	Solid	300.0	138551
890-9814-20	CS - 45 (1.5')	Soluble	Solid	300.0	138551
890-9814-21	CS - 46 (1.5')	Soluble	Solid	300.0	138551
890-9814-22	CS - 47 (1.5')	Soluble	Solid	300.0	138551
890-9814-23	CS - 48 (1.5')	Soluble	Solid	300.0	138551
890-9814-24	CS - 49 (1.5')	Soluble	Solid	300.0	138551
890-9814-25	CS - 50 (1.5')	Soluble	Solid	300.0	138551
890-9814-26	CS - 51 (1.5')	Soluble	Solid	300.0	138551
890-9814-27	CS - 52 (4.5')	Soluble	Solid	300.0	138551
890-9814-28	CS - 53 (4.5')	Soluble	Solid	300.0	138551
890-9814-29	CS - 54 (4.5')	Soluble	Solid	300.0	138551
890-9814-30	CS - 55 (4.5')	Soluble	Solid	300.0	138551
890-9814-31	CS - 56 (4.5')	Soluble	Solid	300.0	138551
MB 880-138551/1-A	Method Blank	Soluble	Solid	300.0	138551
LCS 880-138551/2-A	Lab Control Sample	Soluble	Solid	300.0	138551
LCSD 880-138551/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138551
890-9814-12 MS	CS - 37 (3.0')	Soluble	Solid	300.0	138551
890-9814-12 MSD	CS - 37 (3.0')	Soluble	Solid	300.0	138551
890-9814-22 MS	CS - 47 (1.5')	Soluble	Solid	300.0	138551
890-9814-22 MSD	CS - 47 (1.5')	Soluble	Solid	300.0	138551

Analysis Batch: 138562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-32	CS - 57 (4.5')	Soluble	Solid	300.0	138552
890-9814-33	CS - 58 (4.5')	Soluble	Solid	300.0	138552

QC Association Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 138562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9814-34	CS - 59 (4.5')	Soluble	Solid	300.0	138552
890-9814-35	CS - 60 (4.5')	Soluble	Solid	300.0	138552
890-9814-36	CS - 61 (4.5')	Soluble	Solid	300.0	138552
890-9814-37	CS - 62 (4.5')	Soluble	Solid	300.0	138552
890-9814-38	CS - 63 (4.5')	Soluble	Solid	300.0	138552
890-9814-39	CS - 64 (4.5')	Soluble	Solid	300.0	138552
890-9814-40	CS - 65 (4.5')	Soluble	Solid	300.0	138552
890-9814-41	CS - 66 (4.5')	Soluble	Solid	300.0	138552
890-9814-42	CS - 67 (4.5')	Soluble	Solid	300.0	138552
890-9814-43	CS - 68 (4.5')	Soluble	Solid	300.0	138552
890-9814-44	CS - 69 (4.5')	Soluble	Solid	300.0	138552
890-9814-45	CS - 70 (4.5')	Soluble	Solid	300.0	138552
890-9814-46	CS - 71 (4.5')	Soluble	Solid	300.0	138552
890-9814-47	CS - 72 (4.5')	Soluble	Solid	300.0	138552
890-9814-48	CS - 73 (4.5')	Soluble	Solid	300.0	138552
890-9814-49	CS - 74 (4.5')	Soluble	Solid	300.0	138552
890-9814-50	CS - 75 (4.5')	Soluble	Solid	300.0	138552
MB 880-138552/1-A	Method Blank	Soluble	Solid	300.0	138552
LCS 880-138552/2-A	Lab Control Sample	Soluble	Solid	300.0	138552
LCSD 880-138552/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138552
890-9814-32 MS	CS - 57 (4.5')	Soluble	Solid	300.0	138552
890-9814-32 MSD	CS - 57 (4.5')	Soluble	Solid	300.0	138552
890-9814-42 MS	CS - 67 (4.5')	Soluble	Solid	300.0	138552
890-9814-42 MSD	CS - 67 (4.5')	Soluble	Solid	300.0	138552

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 26 (3.0')

Lab Sample ID: 890-9814-1
Matrix: Solid
Date Collected: 04/21/26 08:45
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 05:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/21/26 22:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 22:34	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:16	CS	EET MID

Client Sample ID: CS - 27 (3.0')

Lab Sample ID: 890-9814-2
Matrix: Solid
Date Collected: 04/21/26 08:48
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 06:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/21/26 22:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 22:48	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:21	CS	EET MID

Client Sample ID: CS - 28 (3.0')

Lab Sample ID: 890-9814-3
Matrix: Solid
Date Collected: 04/21/26 08:51
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 06:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/21/26 23:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 23:03	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:37	CS	EET MID

Client Sample ID: CS - 29 (3.0')

Lab Sample ID: 890-9814-4
Matrix: Solid
Date Collected: 04/21/26 08:54
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 06:48	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 29 (3.0')

Lab Sample ID: 890-9814-4
Matrix: Solid
Date Collected: 04/21/26 08:54
Date Received: 04/21/26 15:40

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			138604	04/21/26 23:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 23:17	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:42	CS	EET MID

Client Sample ID: CS - 30 (3.0')

Lab Sample ID: 890-9814-5
Matrix: Solid
Date Collected: 04/21/26 08:58
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 07:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/21/26 23:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 23:32	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 13:58	CS	EET MID

Client Sample ID: CS - 31 (3.0')

Lab Sample ID: 890-9814-6
Matrix: Solid
Date Collected: 04/21/26 09:02
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 07:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/21/26 23:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/21/26 23:46	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 14:03	CS	EET MID

Client Sample ID: CS - 32 (3.0')

Lab Sample ID: 890-9814-7
Matrix: Solid
Date Collected: 04/21/26 09:05
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 07:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 00:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 00:16	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 32 (3.0')

Lab Sample ID: 890-9814-7
Matrix: Solid
Date Collected: 04/21/26 09:05
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 14:08	CS	EET MID

Client Sample ID: CS - 33 (3.0')

Lab Sample ID: 890-9814-8
Matrix: Solid
Date Collected: 04/21/26 09:09
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 08:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 08:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 00:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 00:31	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 14:14	CS	EET MID

Client Sample ID: CS - 34 (3.0')

Lab Sample ID: 890-9814-9
Matrix: Solid
Date Collected: 04/21/26 09:11
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 08:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 08:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 00:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 00:45	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 14:19	CS	EET MID

Client Sample ID: CS - 35 (3.0')

Lab Sample ID: 890-9814-10
Matrix: Solid
Date Collected: 04/21/26 09:14
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 08:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 08:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 01:01	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 14:24	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 36 (3.0')

Lab Sample ID: 890-9814-11
Matrix: Solid
Date Collected: 04/21/26 09:17
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 11:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 11:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 01:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 01:15	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138550	04/22/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138556	04/22/26 14:29	CS	EET MID

Client Sample ID: CS - 37 (3.0')

Lab Sample ID: 890-9814-12
Matrix: Solid
Date Collected: 04/21/26 09:19
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 11:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 11:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 01:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 01:30	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 11:30	CS	EET MID

Client Sample ID: CS - 38 (3.0')

Lab Sample ID: 890-9814-13
Matrix: Solid
Date Collected: 04/21/26 09:23
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 11:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 01:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 01:44	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 11:44	CS	EET MID

Client Sample ID: CS - 39 (1.5')

Lab Sample ID: 890-9814-14
Matrix: Solid
Date Collected: 04/21/26 09:26
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 12:13	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 39 (1.5')

Lab Sample ID: 890-9814-14
Matrix: Solid
Date Collected: 04/21/26 09:26
Date Received: 04/21/26 15:40

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			138604	04/22/26 01:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138542	04/21/26 18:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 01:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 11:49	CS	EET MID

Client Sample ID: CS - 40 (1.5')

Lab Sample ID: 890-9814-15
Matrix: Solid
Date Collected: 04/21/26 09:29
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 12:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 03:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 03:12	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 11:54	CS	EET MID

Client Sample ID: CS - 41 (1.5')

Lab Sample ID: 890-9814-16
Matrix: Solid
Date Collected: 04/21/26 09:32
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 12:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 03:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 03:57	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 11:59	CS	EET MID

Client Sample ID: CS - 42 (1.5')

Lab Sample ID: 890-9814-17
Matrix: Solid
Date Collected: 04/21/26 09:35
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 13:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 04:11	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 42 (1.5')

Lab Sample ID: 890-9814-17
Matrix: Solid
Date Collected: 04/21/26 09:35
Date Received: 04/21/26 15:40

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	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:13	CS	EET MID

Client Sample ID: CS - 43 (1.5')

Lab Sample ID: 890-9814-18
Matrix: Solid
Date Collected: 04/21/26 09:39
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 13:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 04:25	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:18	CS	EET MID

Client Sample ID: CS - 44 (1.5')

Lab Sample ID: 890-9814-19
Matrix: Solid
Date Collected: 04/21/26 09:43
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 13:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 04:39	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:23	CS	EET MID

Client Sample ID: CS - 45 (1.5')

Lab Sample ID: 890-9814-20
Matrix: Solid
Date Collected: 04/21/26 09:46
Date Received: 04/21/26 15:40

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	138548	04/21/26 21:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138478	04/22/26 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 14:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 04:53	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:28	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 46 (1.5')

Lab Sample ID: 890-9814-21
Matrix: Solid
Date Collected: 04/21/26 09:49
Date Received: 04/21/26 15:40

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	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 16:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 05:08	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:33	CS	EET MID

Client Sample ID: CS - 47 (1.5')

Lab Sample ID: 890-9814-22
Matrix: Solid
Date Collected: 04/21/26 09:52
Date Received: 04/21/26 15:40

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	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 05:22	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:38	CS	EET MID

Client Sample ID: CS - 48 (1.5')

Lab Sample ID: 890-9814-23
Matrix: Solid
Date Collected: 04/21/26 09:56
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 05:36	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:52	CS	EET MID

Client Sample ID: CS - 49 (1.5')

Lab Sample ID: 890-9814-24
Matrix: Solid
Date Collected: 04/21/26 10:00
Date Received: 04/21/26 15:40

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	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:41	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 49 (1.5')

Lab Sample ID: 890-9814-24
Matrix: Solid
Date Collected: 04/21/26 10:00
Date Received: 04/21/26 15:40

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			138604	04/22/26 05:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 05:50	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 12:57	CS	EET MID

Client Sample ID: CS - 50 (1.5')

Lab Sample ID: 890-9814-25
Matrix: Solid
Date Collected: 04/21/26 10:04
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 06:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 06:20	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:11	CS	EET MID

Client Sample ID: CS - 51 (1.5')

Lab Sample ID: 890-9814-26
Matrix: Solid
Date Collected: 04/21/26 10:07
Date Received: 04/21/26 15:40

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	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 18:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 06:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 06:35	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:16	CS	EET MID

Client Sample ID: CS - 52 (4.5')

Lab Sample ID: 890-9814-27
Matrix: Solid
Date Collected: 04/21/26 10:09
Date Received: 04/21/26 15:40

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	138555	04/22/26 08:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138596	04/22/26 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 06:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 06:49	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 52 (4.5')

Lab Sample ID: 890-9814-27
Matrix: Solid
Date Collected: 04/21/26 10:09
Date Received: 04/21/26 15:40

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	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:21	CS	EET MID

Client Sample ID: CS - 53 (4.5')

Lab Sample ID: 890-9814-28
Matrix: Solid
Date Collected: 04/21/26 10:13
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 17:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 07:04	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:26	CS	EET MID

Client Sample ID: CS - 54 (4.5')

Lab Sample ID: 890-9814-29
Matrix: Solid
Date Collected: 04/21/26 10:17
Date Received: 04/21/26 15:40

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	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 07:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:31	CS	EET MID

Client Sample ID: CS - 55 (4.5')

Lab Sample ID: 890-9814-30
Matrix: Solid
Date Collected: 04/21/26 10:21
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 07:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:36	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 56 (4.5')

Lab Sample ID: 890-9814-31
Matrix: Solid
Date Collected: 04/21/26 10:31
Date Received: 04/21/26 15:40

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	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 18:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 07:47	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138551	04/22/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138557	04/22/26 13:40	CS	EET MID

Client Sample ID: CS - 57 (4.5')

Lab Sample ID: 890-9814-32
Matrix: Solid
Date Collected: 04/21/26 10:34
Date Received: 04/21/26 15:40

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	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 08:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138544	04/21/26 18:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138452	04/22/26 08:02	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 11:28	CS	EET MID

Client Sample ID: CS - 58 (4.5')

Lab Sample ID: 890-9814-33
Matrix: Solid
Date Collected: 04/21/26 10:38
Date Received: 04/21/26 15:40

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	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 19:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 03:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 03:12	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 11:59	CS	EET MID

Client Sample ID: CS - 59 (4.5')

Lab Sample ID: 890-9814-34
Matrix: Solid
Date Collected: 04/21/26 10:41
Date Received: 04/21/26 15:40

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	138485	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138600	04/22/26 19:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 19:26	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 59 (4.5')

Lab Sample ID: 890-9814-34
Matrix: Solid
Date Collected: 04/21/26 10:41
Date Received: 04/21/26 15:40

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			138604	04/22/26 03:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 03:57	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 12:10	CS	EET MID

Client Sample ID: CS - 60 (4.5')

Lab Sample ID: 890-9814-35
Matrix: Solid
Date Collected: 04/21/26 10:44
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 04:11	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 12:20	CS	EET MID

Client Sample ID: CS - 61 (4.5')

Lab Sample ID: 890-9814-36
Matrix: Solid
Date Collected: 04/21/26 10:49
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 04:25	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 12:30	CS	EET MID

Client Sample ID: CS - 62 (4.5')

Lab Sample ID: 890-9814-37
Matrix: Solid
Date Collected: 04/21/26 10:53
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 17:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 04:39	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 62 (4.5')

Lab Sample ID: 890-9814-37
Matrix: Solid
Date Collected: 04/21/26 10:53
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 13:01	CS	EET MID

Client Sample ID: CS - 63 (4.5')

Lab Sample ID: 890-9814-38
Matrix: Solid
Date Collected: 04/21/26 10:57
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 04:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 04:53	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 13:12	CS	EET MID

Client Sample ID: CS - 64 (4.5')

Lab Sample ID: 890-9814-39
Matrix: Solid
Date Collected: 04/21/26 11:03
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 05:08	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 13:22	CS	EET MID

Client Sample ID: CS - 65 (4.5')

Lab Sample ID: 890-9814-40
Matrix: Solid
Date Collected: 04/21/26 11:09
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 18:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 05:22	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 13:32	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 66 (4.5')

Lab Sample ID: 890-9814-41
Matrix: Solid
Date Collected: 04/21/26 11:13
Date Received: 04/21/26 15:40

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	138488	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138570	04/22/26 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 19:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 05:36	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 13:43	CS	EET MID

Client Sample ID: CS - 67 (4.5')

Lab Sample ID: 890-9814-42
Matrix: Solid
Date Collected: 04/21/26 11:16
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 14:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 05:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 05:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 13:53	CS	EET MID

Client Sample ID: CS - 68 (4.5')

Lab Sample ID: 890-9814-43
Matrix: Solid
Date Collected: 04/21/26 11:19
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 14:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 14:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 06:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 06:20	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 14:24	CS	EET MID

Client Sample ID: CS - 69 (4.5')

Lab Sample ID: 890-9814-44
Matrix: Solid
Date Collected: 04/21/26 11:22
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 14:44	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 69 (4.5')

Lab Sample ID: 890-9814-44
Matrix: Solid
Date Collected: 04/21/26 11:22
Date Received: 04/21/26 15:40

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			138604	04/22/26 06:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 06:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 14:34	CS	EET MID

Client Sample ID: CS - 70 (4.5')

Lab Sample ID: 890-9814-45
Matrix: Solid
Date Collected: 04/21/26 11:24
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 15:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 15:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 06:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 06:49	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 15:05	CS	EET MID

Client Sample ID: CS - 71 (4.5')

Lab Sample ID: 890-9814-46
Matrix: Solid
Date Collected: 04/21/26 11:27
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 15:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 15:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 07:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 15:15	CS	EET MID

Client Sample ID: CS - 72 (4.5')

Lab Sample ID: 890-9814-47
Matrix: Solid
Date Collected: 04/21/26 11:30
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 15:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 15:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 07:18	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Client Sample ID: CS - 72 (4.5')

Lab Sample ID: 890-9814-47
Matrix: Solid
Date Collected: 04/21/26 11:30
Date Received: 04/21/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 15:26	CS	EET MID

Client Sample ID: CS - 73 (4.5')

Lab Sample ID: 890-9814-48
Matrix: Solid
Date Collected: 04/21/26 11:32
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 16:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 16:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 07:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 15:36	CS	EET MID

Client Sample ID: CS - 74 (4.5')

Lab Sample ID: 890-9814-49
Matrix: Solid
Date Collected: 04/21/26 11:35
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 16:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 07:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 07:47	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 15:46	CS	EET MID

Client Sample ID: CS - 75 (4.5')

Lab Sample ID: 890-9814-50
Matrix: Solid
Date Collected: 04/21/26 11:38
Date Received: 04/21/26 15:40

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	138487	04/21/26 20:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138484	04/22/26 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138638	04/22/26 16:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			138604	04/22/26 08:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	138546	04/21/26 19:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138455	04/22/26 08:02	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	138552	04/22/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138562	04/22/26 15:57	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

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: LEA UNIT #008

Job ID: 890-9814-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9814-1	CS - 26 (3.0')	Solid	04/21/26 08:45	04/21/26 15:40	Texas
890-9814-2	CS - 27 (3.0')	Solid	04/21/26 08:48	04/21/26 15:40	Texas
890-9814-3	CS - 28 (3.0')	Solid	04/21/26 08:51	04/21/26 15:40	Texas
890-9814-4	CS - 29 (3.0')	Solid	04/21/26 08:54	04/21/26 15:40	Texas
890-9814-5	CS - 30 (3.0')	Solid	04/21/26 08:58	04/21/26 15:40	Texas
890-9814-6	CS - 31 (3.0')	Solid	04/21/26 09:02	04/21/26 15:40	Texas
890-9814-7	CS - 32 (3.0')	Solid	04/21/26 09:05	04/21/26 15:40	Texas
890-9814-8	CS - 33 (3.0')	Solid	04/21/26 09:09	04/21/26 15:40	Texas
890-9814-9	CS - 34 (3.0')	Solid	04/21/26 09:11	04/21/26 15:40	Texas
890-9814-10	CS - 35 (3.0')	Solid	04/21/26 09:14	04/21/26 15:40	Texas
890-9814-11	CS - 36 (3.0')	Solid	04/21/26 09:17	04/21/26 15:40	Texas
890-9814-12	CS - 37 (3.0')	Solid	04/21/26 09:19	04/21/26 15:40	Texas
890-9814-13	CS - 38 (3.0')	Solid	04/21/26 09:23	04/21/26 15:40	Texas
890-9814-14	CS - 39 (1.5')	Solid	04/21/26 09:26	04/21/26 15:40	Texas
890-9814-15	CS - 40 (1.5')	Solid	04/21/26 09:29	04/21/26 15:40	Texas
890-9814-16	CS - 41 (1.5')	Solid	04/21/26 09:32	04/21/26 15:40	Texas
890-9814-17	CS - 42 (1.5')	Solid	04/21/26 09:35	04/21/26 15:40	Texas
890-9814-18	CS - 43 (1.5')	Solid	04/21/26 09:39	04/21/26 15:40	Texas
890-9814-19	CS - 44 (1.5')	Solid	04/21/26 09:43	04/21/26 15:40	Texas
890-9814-20	CS - 45 (1.5')	Solid	04/21/26 09:46	04/21/26 15:40	Texas
890-9814-21	CS - 46 (1.5')	Solid	04/21/26 09:49	04/21/26 15:40	Texas
890-9814-22	CS - 47 (1.5')	Solid	04/21/26 09:52	04/21/26 15:40	Texas
890-9814-23	CS - 48 (1.5')	Solid	04/21/26 09:56	04/21/26 15:40	Texas
890-9814-24	CS - 49 (1.5')	Solid	04/21/26 10:00	04/21/26 15:40	Texas
890-9814-25	CS - 50 (1.5')	Solid	04/21/26 10:04	04/21/26 15:40	Texas
890-9814-26	CS - 51 (1.5')	Solid	04/21/26 10:07	04/21/26 15:40	Texas
890-9814-27	CS - 52 (4.5')	Solid	04/21/26 10:09	04/21/26 15:40	Texas
890-9814-28	CS - 53 (4.5')	Solid	04/21/26 10:13	04/21/26 15:40	Texas
890-9814-29	CS - 54 (4.5')	Solid	04/21/26 10:17	04/21/26 15:40	Texas
890-9814-30	CS - 55 (4.5')	Solid	04/21/26 10:21	04/21/26 15:40	Texas
890-9814-31	CS - 56 (4.5')	Solid	04/21/26 10:31	04/21/26 15:40	Texas
890-9814-32	CS - 57 (4.5')	Solid	04/21/26 10:34	04/21/26 15:40	Texas
890-9814-33	CS - 58 (4.5')	Solid	04/21/26 10:38	04/21/26 15:40	Texas
890-9814-34	CS - 59 (4.5')	Solid	04/21/26 10:41	04/21/26 15:40	Texas
890-9814-35	CS - 60 (4.5')	Solid	04/21/26 10:44	04/21/26 15:40	Texas
890-9814-36	CS - 61 (4.5')	Solid	04/21/26 10:49	04/21/26 15:40	Texas
890-9814-37	CS - 62 (4.5')	Solid	04/21/26 10:53	04/21/26 15:40	Texas
890-9814-38	CS - 63 (4.5')	Solid	04/21/26 10:57	04/21/26 15:40	Texas
890-9814-39	CS - 64 (4.5')	Solid	04/21/26 11:03	04/21/26 15:40	Texas
890-9814-40	CS - 65 (4.5')	Solid	04/21/26 11:09	04/21/26 15:40	Texas
890-9814-41	CS - 66 (4.5')	Solid	04/21/26 11:13	04/21/26 15:40	Texas
890-9814-42	CS - 67 (4.5')	Solid	04/21/26 11:16	04/21/26 15:40	Texas
890-9814-43	CS - 68 (4.5')	Solid	04/21/26 11:19	04/21/26 15:40	Texas
890-9814-44	CS - 69 (4.5')	Solid	04/21/26 11:22	04/21/26 15:40	Texas
890-9814-45	CS - 70 (4.5')	Solid	04/21/26 11:24	04/21/26 15:40	Texas
890-9814-46	CS - 71 (4.5')	Solid	04/21/26 11:27	04/21/26 15:40	Texas
890-9814-47	CS - 72 (4.5')	Solid	04/21/26 11:30	04/21/26 15:40	Texas
890-9814-48	CS - 73 (4.5')	Solid	04/21/26 11:32	04/21/26 15:40	Texas
890-9814-49	CS - 74 (4.5')	Solid	04/21/26 11:35	04/21/26 15:40	Texas
890-9814-50	CS - 75 (4.5')	Solid	04/21/26 11:38	04/21/26 15:40	Texas

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐Routine ☑Rush	
Project Location	Lea County, New Mexico	Due Date:	24 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Tamco
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

ANALYSIS REQUEST

890-9814 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-26 (3.0')	4/21/2026	8:45	X		Comp	1	X	X	X		
CS-27 (3.0')	4/21/2026	8:48	X		Comp	1	X	X	X		
CS-28 (3.0')	4/21/2026	8:51	X		Comp	1	X	X	X		
CS-29 (3.0')	4/21/2026	8:54	X		Comp	1	X	X	X		
CS-30 (3.0')	4/21/2026	8:58	X		Comp	1	X	X	X		
CS-31 (3.0')	4/21/2026	9:02	X		Comp	1	X	X	X		
CS-32 (3.0')	4/21/2026	9:05	X		Comp	1	X	X	X		
CS-33 (3.0')	4/21/2026	9:09	X		Comp	1	X	X	X		
CS-34 (3.0')	4/21/2026	9:11	X		Comp	1	X	X	X		
CS-35 (3.0')	4/21/2026	9:14	X		Comp	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 15:40

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Thermo2	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4	
Total Containers:		Corrected Temperature:	5.2	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-36 (3.0')	4/21/2026	9:17	X		Comp	1		X	X	X		
CS-37 (3.0')	4/21/2026	9:19	X		Comp	1		X	X	X		
CS-38 (3.0')	4/21/2026	9:23	X		Comp	1		X	X	X		
CS-39 (1.5')	4/21/2026	9:26	X		Comp	1		X	X	X		
CS-40 (1.5')	4/21/2026	9:29	X		Comp	1		X	X	X		
CS-41 (1.5')	4/21/2026	9:32	X		Comp	1		X	X	X		
CS-42 (1.5')	4/21/2026	9:35	X		Comp	1		X	X	X		
CS-43 (1.5')	4/21/2026	9:39	X		Comp	1		X	X	X		
CS-44 (1.5')	4/21/2026	9:43	X		Comp	1		X	X	X		
CS-45 (1.5')	4/21/2026	9:46	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 15:4

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:41:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfu ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	Inmec
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Parameters	Hold	Sample Comments
CS-46 (1.5')	4/21/2026	9:49	X		Comp	1		X	X	X			
CS-47 (1.5')	4/21/2026	9:52	X		Comp	1		X	X	X			
CS-48 (1.5')	4/21/2026	9:56	X		Comp	1		X	X	X			
CS-49 (1.5')	4/21/2026	10:00	X		Comp	1		X	X	X			
CS-50 (1.5')	4/21/2026	10:04	X		Comp	1		X	X	X			
CS-51 (1.5')	4/21/2026	10:07	X		Comp	1		X	X	X			
CS-52 (4.5')	4/21/2026	10:09	X		Comp	1		X	X	X			
CS-53 (4.5')	4/21/2026	10:13	X		Comp	1		X	X	X			
CS-54 (4.5')	4/21/2026	10:17	X		Comp	1		X	X	X			
CS-55 (4.5')	4/21/2026	10:21	X		Comp	1		X	X	X			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 15

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

Work Order No: _____

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	☐Routine ☑Rush
Project Number:	3004	Due Date:	24 Hour
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Infrared
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-56 (4.5')	4/21/2026	10:31	X		Comp	1		X	X	X		
CS-57 (4.5')	4/21/2026	10:34	X		Comp	1		X	X	X		
CS-58 (4.5')	4/21/2026	10:38	X		Comp	1		X	X	X		
CS-59 (4.5')	4/21/2026	10:41	X		Comp	1		X	X	X		
CS-60 (4.5')	4/21/2026	10:44	X		Comp	1		X	X	X		
CS-61 (4.5')	4/21/2026	10:49	X		Comp	1		X	X	X		
CS-62 (4.5')	4/21/2026	10:53	X		Comp	1		X	X	X		
CS-63 (4.5')	4/21/2026	10:57	X		Comp	1		X	X	X		
CS-64 (4.5')	4/21/2026	11:03	X		Comp	1		X	X	X		
CS-65 (4.5')	4/21/2026	11:09	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 1544

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:43:53 AM

Chain of Custody

Work Order No: _____

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Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐Routine	☑Rush
Project Location	Lea County, New Mexico	Due Date:	24 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Thermo#2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-66 (4.5')	4/21/2026	11:13	X		Comp	1		X	X	X		
CS-67 (4.5')	4/21/2026	11:16	X		Comp	1		X	X	X		
CS-68 (4.5')	4/21/2026	11:19	X		Comp	1		X	X	X		
CS-69 (4.5')	4/21/2026	11:22	X		Comp	1		X	X	X		
CS-70 (4.5')	4/21/2026	11:24	X		Comp	1		X	X	X		
CS-71 (4.5')	4/21/2026	11:27	X		Comp	1		X	X	X		
CS-72 (4.5')	4/21/2026	11:30	X		Comp	1		X	X	X		
CS-73 (4.5')	4/21/2026	11:32	X		Comp	1		X	X	X		
CS-74 (4.5')	4/21/2026	11:35	X		Comp	1		X	X	X		
CS-75 (4.5')	4/21/2026	11:38	X		Comp	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21 15

4/22/2026

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6829.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9814-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA UNIT #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 26 (3.0') (890-9814-1)	4/21/26	08:45 Central	G	Solid			X	X	X	X	X	1	
CS - 27 (3.0') (890-9814-2)	4/21/26	08:48 Central	G	Solid			X	X	X	X	X	1	
CS - 28 (3.0') (890-9814-3)	4/21/26	08:51 Central	G	Solid			X	X	X	X	X	1	
CS - 29 (3.0') (890-9814-4)	4/21/26	08:54 Central	G	Solid			X	X	X	X	X	1	
CS - 30 (3.0') (890-9814-5)	4/21/26	08:58 Central	G	Solid			X	X	X	X	X	1	
CS - 31 (3.0') (890-9814-6)	4/21/26	09:02 Central	G	Solid			X	X	X	X	X	1	
CS - 32 (3.0') (890-9814-7)	4/21/26	09:05 Central	G	Solid			X	X	X	X	X	1	
CS - 33 (3.0') (890-9814-8)	4/21/26	09:09 Central	G	Solid			X	X	X	X	X	1	
CS - 34 (3.0') (890-9814-9)	4/21/26	09:11 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/21 1630	Company	Received by:	Date/Time: 4-22-26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/30/2026

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6829.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9814-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA UNIT #008	Project #: 88001161			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 35 (3.0') (890-9814-10)	4/21/26	09:14 Central	G	Solid			X	X	X	X	X	1	
CS - 36 (3.0') (890-9814-11)	4/21/26	09:17 Central	G	Solid			X	X	X	X	X	1	
CS - 37 (3.0') (890-9814-12)	4/21/26	09:19 Central	G	Solid			X	X	X	X	X	1	
CS - 38 (3.0') (890-9814-13)	4/21/26	09:23 Central	G	Solid			X	X	X	X	X	1	
CS - 39 (1.5') (890-9814-14)	4/21/26	09:26 Central	G	Solid			X	X	X	X	X	1	
CS - 40 (1.5') (890-9814-15)	4/21/26	09:29 Central	G	Solid			X	X	X	X	X	1	
CS - 41 (1.5') (890-9814-16)	4/21/26	09:32 Central	G	Solid			X	X	X	X	X	1	
CS - 42 (1.5') (890-9814-17)	4/21/26	09:35 Central	G	Solid			X	X	X	X	X	1	
CS - 43 (1.5') (890-9814-18)	4/21/26	09:39 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 4/21 1630	Company	Received by:	Date/Time: 4-22-26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6829.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 3 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9814-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA UNIT #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X							
CS - 44 (1.5') (890-9814-19)	4/21/26	09:43 Central	G	Solid			X	X	X	X	X	1	
CS - 45 (1.5') (890-9814-20)	4/21/26	09:46 Central	G	Solid			X	X	X	X	X	1	
CS - 46 (1.5') (890-9814-21)	4/21/26	09:49 Central	G	Solid			X	X	X	X	X	1	
CS - 47 (1.5') (890-9814-22)	4/21/26	09:52 Central	G	Solid			X	X	X	X	X	1	
CS - 48 (1.5') (890-9814-23)	4/21/26	09:56 Central	G	Solid			X	X	X	X	X	1	
CS - 49 (1.5') (890-9814-24)	4/21/26	10:00 Central	G	Solid			X	X	X	X	X	1	
CS - 50 (1.5') (890-9814-25)	4/21/26	10:04 Central	G	Solid			X	X	X	X	X	1	
CS - 51 (1.5') (890-9814-26)	4/21/26	10:07 Central	G	Solid			X	X	X	X	X	1	
CS - 52 (4.5') (890-9814-27)	4/21/26	10:09 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/21 1630	Company	Received by:	Date/Time: 4-22-26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6829.4
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 4 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9814-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA UNIT #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride								Total Number of containers	Special Instructions/Note:
			Preservation Code:																	
CS - 53 (4.5') (890-9814-28)	4/21/26	10:13 Central	G	Solid			X	X	X	X	X								1	
CS - 54 (4.5') (890-9814-29)	4/21/26	10:17 Central	G	Solid			X	X	X	X	X								1	
CS - 55 (4.5') (890-9814-30)	4/21/26	10:21 Central	G	Solid			X	X	X	X	X								1	
CS - 56 (4.5') (890-9814-31)	4/21/26	10:31 Central	G	Solid			X	X	X	X	X								1	
CS - 57 (4.5') (890-9814-32)	4/21/26	10:34 Central	G	Solid			X	X	X	X	X								1	
CS - 58 (4.5') (890-9814-33)	4/21/26	10:38 Central	G	Solid			X	X	X	X	X								1	
CS - 59 (4.5') (890-9814-34)	4/21/26	10:41 Central	G	Solid			X	X	X	X	X								1	
CS - 60 (4.5') (890-9814-35)	4/21/26	10:44 Central	G	Solid			X	X	X	X	X								1	
CS - 61 (4.5') (890-9814-36)	4/21/26	10:49 Central	G	Solid			X	X	X	X	X								1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 5/26/2026 9:33:53 AM
Released to Imaging: 6/1/2026 1:09:57 PM
4/22/2026
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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6829.5
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 5 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9814-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA UNIT #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 62 (4.5') (890-9814-37)	4/21/26	10:53 Central	G	Solid			X	X	X	X	X	1	
CS - 63 (4.5') (890-9814-38)	4/21/26	10:57 Central	G	Solid			X	X	X	X	X	1	
CS - 64 (4.5') (890-9814-39)	4/21/26	11:03 Central	G	Solid			X	X	X	X	X	1	
CS - 65 (4.5') (890-9814-40)	4/21/26	11:09 Central	G	Solid			X	X	X	X	X	1	
CS - 66 (4.5') (890-9814-41)	4/21/26	11:13 Central	G	Solid			X	X	X	X	X	1	
CS - 67 (4.5') (890-9814-42)	4/21/26	11:16 Central	G	Solid			X	X	X	X	X	1	
CS - 68 (4.5') (890-9814-43)	4/21/26	11:19 Central	G	Solid			X	X	X	X	X	1	
CS - 69 (4.5') (890-9814-44)	4/21/26	11:22 Central	G	Solid			X	X	X	X	X	1	
CS - 70 (4.5') (890-9814-45)	4/21/26	11:24 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		4/21 1630			4-22-26 800	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 5/26/2026 9:33:53 AM
Released to Imaging: 6/1/2026 1:09:57 PM
4/22/2026
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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6829.6
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 6 of 6
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9814-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/22/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: LEA UNIT #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 71 (4.5') (890-9814-46)	4/21/26	11:27 Central	G	Solid			X	X	X	X	X	1	
CS - 72 (4.5') (890-9814-47)	4/21/26	11:30 Central	G	Solid			X	X	X	X	X	1	
CS - 73 (4.5') (890-9814-48)	4/21/26	11:32 Central	G	Solid			X	X	X	X	X	1	
CS - 74 (4.5') (890-9814-49)	4/21/26	11:35 Central	G	Solid			X	X	X	X	X	1	
CS - 75 (4.5') (890-9814-50)	4/21/26	11:38 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9814-1
SDG Number: Lea County New Mexico

Login Number: 9814
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9814-1
SDG Number: Lea County New Mexico

Login Number: 9814
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/21/26 09:35 PM

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	

CARDINAL Laboratories

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

April 24, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LEA UNIT #008

Enclosed are the results of analyses for samples received by the laboratory on 04/23/26 11:02.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 3 (7.5')	H262327-01	Soil	23-Apr-26 09:09	23-Apr-26 11:02
SW - 5 (7.5')	H262327-02	Soil	23-Apr-26 09:12	23-Apr-26 11:02
SW - 6 (7.5')	H262327-03	Soil	23-Apr-26 09:15	23-Apr-26 11:02
SW - 7 (7.5')	H262327-04	Soil	23-Apr-26 09:18	23-Apr-26 11:02
SW - 9 (7.5')	H262327-05	Soil	23-Apr-26 09:21	23-Apr-26 11:02
SW - 10 (7.5')	H262327-06	Soil	23-Apr-26 09:24	23-Apr-26 11:02
SW - 11 (7.5')	H262327-07	Soil	23-Apr-26 09:26	23-Apr-26 11:02
SW - 13 (3.0')	H262327-08	Soil	23-Apr-26 09:29	23-Apr-26 11:02
SW - 17 (3.0')	H262327-09	Soil	23-Apr-26 09:31	23-Apr-26 11:02
SW - 31 (3.0')	H262327-10	Soil	23-Apr-26 09:34	23-Apr-26 11:02
SW - 27 (4.5')	H262327-11	Soil	23-Apr-26 09:36	23-Apr-26 11:02
SW - 33 (4.5')	H262327-12	Soil	23-Apr-26 09:40	23-Apr-26 11:02

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 3 (7.5')

H262327-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*70.4-141*		*6042334*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.5 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.6 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 5 (7.5')

H262327-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*70.4-141*		*6042334*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.4 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.0 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 6 (7.5')

H262327-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*113 %*	*70.4-141*		*6042334*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*84.4 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*82.4 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 7 (7.5')

H262327-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.6 %*	*70.4-141*		*6042334*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.7 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.4 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 9 (7.5')

H262327-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042334	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*70.4-141*		*6042334*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.6 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.6 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 10 (7.5')

H262327-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*94.0 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.9 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.5 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 11 (7.5')

H262327-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*92.5 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*83.3 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.4 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 13 (3.0')

H262327-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.9 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.1 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.8 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 17 (3.0')

H262327-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.0 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.3 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.9 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 31 (3.0')

H262327-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.6 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*82.6 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.6 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 27 (4.5')

H262327-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.3 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*79.9 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*76.3 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

SW - 33 (4.5')

H262327-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*93.6 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*80.6 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.6 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042328 - 1:4 DI Water										
Blank (6042328-BLK1)				Prepared & Analyzed: 23-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042328-BS1)				Prepared & Analyzed: 23-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042328-BSD1)				Prepared & Analyzed: 23-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042334 - Volatiles										
Blank (6042334-BLK1)				Prepared & Analyzed: 23-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.116*		mg/kg	*0.100*		*116*	*70.4-141*			
LCS (6042334-BS1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.17	0.050	mg/kg	2.00		109	71-111			
Toluene	2.23	0.050	mg/kg	2.00		112	75-116			
Ethylbenzene	2.38	0.050	mg/kg	2.00		119	74.2-119			
m,p-Xylene	4.69	0.100	mg/kg	4.00		117	72.5-123			
o-Xylene	2.52	0.050	mg/kg	2.00		126	70.5-124			BS-3
Total Xylenes	7.22	0.150	mg/kg	6.00		120	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.116*		mg/kg	*0.100*		*116*	*70.4-141*			
LCS Dup (6042334-BSD1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.13	0.050	mg/kg	2.00		106	71-111	2.21	17.6	
Toluene	2.12	0.050	mg/kg	2.00		106	75-116	4.98	14.8	
Ethylbenzene	2.30	0.050	mg/kg	2.00		115	74.2-119	3.49	14.2	
m,p-Xylene	4.47	0.100	mg/kg	4.00		112	72.5-123	4.83	13.6	
o-Xylene	2.44	0.050	mg/kg	2.00		122	70.5-124	3.19	13.7	
Total Xylenes	6.92	0.150	mg/kg	6.00		115	72.2-123	4.25	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.115*		mg/kg	*0.100*		*115*	*70.4-141*			
Batch 6042335 - Volatiles										
Blank (6042335-BLK1)				Prepared & Analyzed: 23-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042335 - Volatiles										
Blank (6042335-BLK1)				Prepared & Analyzed: 23-Apr-26						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*92.7*	*70.4-141*			
LCS (6042335-BS1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.05	0.050	mg/kg	2.00		103	71-111			
Toluene	2.01	0.050	mg/kg	2.00		100	75-116			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.2	74.2-119			
m,p-Xylene	4.06	0.100	mg/kg	4.00		101	72.5-123			
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124			
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0471*		mg/kg	*0.0500*		*94.2*	*70.4-141*			
LCS Dup (6042335-BSD1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.05	0.050	mg/kg	2.00		102	71-111	0.412	17.6	
Toluene	2.00	0.050	mg/kg	2.00		100	75-116	0.236	14.8	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.3	74.2-119	0.0158	14.2	
m,p-Xylene	4.06	0.100	mg/kg	4.00		102	72.5-123	0.00806	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124	0.0273	13.7	
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	72.2-123	0.00334	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0476*		mg/kg	*0.0500*		*95.2*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 09:57

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042324 - General Prep - Organics										
Blank (6042324-BLK1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*40.7*		mg/kg	*50.0*		*81.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*39.9*		mg/kg	*50.0*		*79.9*	*39.9-141*			
LCS (6042324-BS1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	189	10.0	mg/kg	200		94.6	78.7-123			
DRO >C10-C28	200	10.0	mg/kg	200		99.9	74.8-123			
Total TPH C6-C28	389	10.0	mg/kg	400		97.2	78.6-121			
Surrogate: 1-Chlorooctane	*44.8*		mg/kg	*50.0*		*89.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*44.1*		mg/kg	*50.0*		*88.2*	*39.9-141*			
LCS Dup (6042324-BSD1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	182	10.0	mg/kg	200		91.2	78.7-123	3.66	11.3	
DRO >C10-C28	190	10.0	mg/kg	200		94.8	74.8-123	5.24	10.9	
Total TPH C6-C28	372	10.0	mg/kg	400		93.0	78.6-121	4.47	10.5	
Surrogate: 1-Chlorooctane	*46.8*		mg/kg	*50.0*		*93.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.4*		mg/kg	*50.0*		*84.9*	*39.9-141*			

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 595 of 869

Chain of Custody

Work Order No: H26232

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	☐ Routine ☑ Rush
Project Number:	3004	Due Date:	24 Hour
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#170
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	5.4°
Total Containers:		Corrected Temperature:	5.5°

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold	Sample Comments
1	SW-3 (7.5')	4/23/2026	9:09	X		Comp	1		X	X	X		
2	SW-5 (7.5')	4/23/2026	9:12	X		Comp	1		X	X	X		
3	SW-6 (7.5')	4/23/2026	9:15	X		Comp	1		X	X	X		
4	SW-7 (7.5')	4/23/2026	9:18	X		Comp	1		X	X	X		
5	SW-9 (7.5')	4/23/2026	9:21	X		Comp	1		X	X	X		
6	SW-10 (7.5')	4/23/2026	9:24	X		Comp	1		X	X	X		
7	SW-11 (7.5')	4/23/2026	9:26	X		Comp	1		X	X	X		
8	SW-13 (3.0')	4/23/2026	9:29	X		Comp	1		X	X	X		
9	SW-17 (3.0')	4/23/2026	9:31	X		Comp	1		X	X	X		
10	SW-31 (3.0')	4/23/2026	9:34	X		Comp	1		X	X	X		

Comments: NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4.23.26 1107		

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Chain of Custody

Work Order No: H262321

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	☐ Routine ☑ Rush
Project Number:	3004	Due Date:	24 Hour
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	+0.1°C	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	5.4	
Total Containers:		Corrected Temperature:	5.5	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 9015M (GRO + DRO + MRO)	Chloride 4500	Hold	Sample Comments
11	SW-27 (4.5')	4/23/2026	9:36	X		Comp	1		X	X	X		
12	SW-33 (4.5')	4/23/2026	9:40	X		Comp	1		X	X	X		

Comments:

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4:23:26 1102	SRodriguez	

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

CARDINAL Laboratories

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

April 24, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LEA UNIT #008

Enclosed are the results of analyses for samples received by the laboratory on 04/23/26 11:02.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 10:00

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 50 (1.75')	H262328-01	Soil	23-Apr-26 09:49	23-Apr-26 11:02

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 10:00

CS - 50 (1.75')

H262328-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	6042328	SA	23-Apr-26	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6042335	JH	23-Apr-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*91.6 %*	*70.4-141*		*6042335*	JH	*23-Apr-26*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6042324	MS	23-Apr-26	8015B	
Surrogate: 1-Chlorooctane			*81.6 %*	*52.4-130*		*6042324*	MS	*23-Apr-26*	*8015B*	
Surrogate: 1-Chlorooctadecane			*79.0 %*	*39.9-141*		*6042324*	MS	*23-Apr-26*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 10:00

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042328 - 1:4 DI Water										
Blank (6042328-BLK1)				Prepared & Analyzed: 23-Apr-26						
Chloride	ND	16.0	mg/kg							
LCS (6042328-BS1)				Prepared & Analyzed: 23-Apr-26						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (6042328-BSD1)				Prepared & Analyzed: 23-Apr-26						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 10:00

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042335 - Volatiles										
Blank (6042335-BLK1)				Prepared & Analyzed: 23-Apr-26						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*92.7*	*70.4-141*			
LCS (6042335-BS1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.05	0.050	mg/kg	2.00		103	71-111			
Toluene	2.01	0.050	mg/kg	2.00		100	75-116			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.2	74.2-119			
m,p-Xylene	4.06	0.100	mg/kg	4.00		101	72.5-123			
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124			
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0471*		mg/kg	*0.0500*		*94.2*	*70.4-141*			
LCS Dup (6042335-BSD1)				Prepared & Analyzed: 23-Apr-26						
Benzene	2.05	0.050	mg/kg	2.00		102	71-111	0.412	17.6	
Toluene	2.00	0.050	mg/kg	2.00		100	75-116	0.236	14.8	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.3	74.2-119	0.0158	14.2	
m,p-Xylene	4.06	0.100	mg/kg	4.00		102	72.5-123	0.00806	13.6	
o-Xylene	1.93	0.050	mg/kg	2.00		96.5	70.5-124	0.0273	13.7	
Total Xylenes	5.99	0.150	mg/kg	6.00		99.8	72.2-123	0.00334	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0476*		mg/kg	*0.0500*		*95.2*	*70.4-141*			

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Analytical Results For:

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: LEA UNIT #008 Project Number: 3004 Project Manager: ASHTON THIELKE Fax To:	Reported: 24-Apr-26 10:00

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6042324 - General Prep - Organics										
Blank (6042324-BLK1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*40.7*		mg/kg	*50.0*		*81.3*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*39.9*		mg/kg	*50.0*		*79.9*	*39.9-141*			
LCS (6042324-BS1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	189	10.0	mg/kg	200		94.6	78.7-123			
DRO >C10-C28	200	10.0	mg/kg	200		99.9	74.8-123			
Total TPH C6-C28	389	10.0	mg/kg	400		97.2	78.6-121			
Surrogate: 1-Chlorooctane	*44.8*		mg/kg	*50.0*		*89.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*44.1*		mg/kg	*50.0*		*88.2*	*39.9-141*			
LCS Dup (6042324-BSD1)				Prepared & Analyzed: 23-Apr-26						
GRO C6-C10	182	10.0	mg/kg	200		91.2	78.7-123	3.66	11.3	
DRO >C10-C28	190	10.0	mg/kg	200		94.8	74.8-123	5.24	10.9	
Total TPH C6-C28	372	10.0	mg/kg	400		93.0	78.6-121	4.47	10.5	
Surrogate: 1-Chlorooctane	*46.8*		mg/kg	*50.0*		*93.6*	*52.4-130*			
Surrogate: 1-Chlorooctadecane	*42.4*		mg/kg	*50.0*		*84.9*	*39.9-141*			

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 604 of 869

Chain of Custody

Work Order No: H26232

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lea Unit #008	Turn Around	☐ Routine ☑ Rush
Project Number:	3004	Due Date:	24 Hour
Project Location	Lea County, New Mexico		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.1°
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.4°
Total Containers:		Corrected Temperature:	5.5°

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Hold
CS-50 (1.75')	4/23/2026	9:49	X		Comp	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments:

NO labels

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4-23-26 1102		

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/23/2026 1:38:27 PM

JOB DESCRIPTION

Lea Unit #008
Lea County New Mexico

JOB NUMBER

890-9815-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/1/2026 1:09:57 PM

my EOL

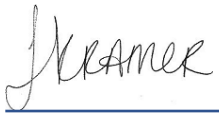
Eurofins Carlsbad

Job Notes

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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
4/23/2026 1:38:27 PM

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

Client: Carmona Resources
Project/Site: Lea Unit #008

Laboratory Job ID: 890-9815-1
SDG: Lea County New Mexico

Table of Contents

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

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.
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: Lea Unit #008

Job ID: 890-9815-1

Job ID: 890-9815-1 Eurofins Carlsbad

Job Narrative
890-9815-1

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

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

Receipt
The sample was received on 4/21/2026 3:40 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill Sample (890-9815-1).

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 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138483 and analytical batch 880-138565 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 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138641 and analytical batch 880-138646 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

Client Sample ID: Backfill Sample

Date Collected: 04/21/26 12:50
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9815-1

Matrix: Solid

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		04/22/26 17:04	04/23/26 06:05	1
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 17:04	04/23/26 06:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/22/26 17:04	04/23/26 06:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 17:04	04/23/26 06:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/22/26 17:04	04/23/26 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/22/26 17:04*	*04/23/26 06:05*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/22/26 17:04*	*04/23/26 06:46*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/22/26 17:04*	*04/23/26 06:05*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/22/26 17:04*	*04/23/26 06:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/23/26 06:05	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			04/22/26 14:37	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		04/21/26 14:15	04/22/26 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 14:15	04/22/26 14:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 14:15	04/22/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/21/26 14:15*	*04/22/26 14:37*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/21/26 14:15*	*04/22/26 14:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.6**		9.98		mg/Kg			04/23/26 05:22	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9815-1	Backfill Sample	93	94
890-9815-1	Backfill Sample	108	105
890-9815-1 MS	Backfill Sample	103	100
890-9815-1 MSD	Backfill Sample	102	96
LCS 880-138676/1-A	Lab Control Sample	102	96
LCSD 880-138676/2-A	Lab Control Sample Dup	105	103
MB 880-138676/5-A	Method Blank	93	94

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-71195-A-30-D MS	Matrix Spike	86	86
880-71195-A-30-E MSD	Matrix Spike Duplicate	88	91
890-9815-1	Backfill Sample	110	114
LCS 880-138483/2-A	Lab Control Sample	93	92
LCSD 880-138483/3-A	Lab Control Sample Dup	94	91
MB 880-138483/1-A	Method Blank	78	81

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-138676/5-A
Matrix: Solid
Analysis Batch: 138647

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/22/26 17:04	04/23/26 06:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/22/26 17:04	04/23/26 06:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/22/26 17:04*	*04/23/26 06:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/22/26 17:04*	*04/23/26 06:24*	*1*

Lab Sample ID: LCS 880-138676/1-A
Matrix: Solid
Analysis Batch: 138647

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07991		mg/Kg		80	70 - 130
Toluene	0.100	0.08256		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07721		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1556		mg/Kg		78	70 - 130
o-Xylene	0.100	0.08097		mg/Kg		81	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-138676/2-A
Matrix: Solid
Analysis Batch: 138647

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138676

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09590		mg/Kg		96	70 - 130	18	35
Toluene	0.100	0.09187		mg/Kg		92	70 - 130	11	35
Ethylbenzene	0.100	0.08692		mg/Kg		87	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1755		mg/Kg		88	70 - 130	12	35
o-Xylene	0.100	0.08765		mg/Kg		88	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-9815-1 MS
Matrix: Solid
Analysis Batch: 138647

Client Sample ID: Backfill Sample
Prep Type: Total/NA
Prep Batch: 138676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08745		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.08333		mg/Kg		83	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9815-1 MS
Matrix: Solid
Analysis Batch: 138647

Client Sample ID: Backfill Sample
Prep Type: Total/NA
Prep Batch: 138676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07723		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1616		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U	0.100	0.07959		mg/Kg		80	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-9815-1 MSD
Matrix: Solid
Analysis Batch: 138647

Client Sample ID: Backfill Sample
Prep Type: Total/NA
Prep Batch: 138676

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1098		mg/Kg		110	70 - 130	23	35
Toluene	<0.00200	U	0.100	0.1077		mg/Kg		108	70 - 130	26	35
Ethylbenzene	<0.00200	U	0.100	0.1061		mg/Kg		106	70 - 130	31	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2120		mg/Kg		106	70 - 130	27	35
o-Xylene	<0.00200	U	0.100	0.1056		mg/Kg		106	70 - 130	28	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

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

Lab Sample ID: MB 880-138483/1-A
Matrix: Solid
Analysis Batch: 138565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 138483

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		04/21/26 14:15	04/22/26 08:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 14:15	04/22/26 08:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 14:15	04/22/26 08:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/21/26 14:15*	*04/22/26 08:30*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/21/26 14:15*	*04/22/26 08:30*	*1*

Lab Sample ID: LCS 880-138483/2-A
Matrix: Solid
Analysis Batch: 138565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	946.3		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	935.1		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-138483/2-A
Matrix: Solid
Analysis Batch: 138565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 138483

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-138483/3-A
Matrix: Solid
Analysis Batch: 138565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 138483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	968.7		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	951.0		mg/Kg		95	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-71195-A-30-D MS
Matrix: Solid
Analysis Batch: 138565

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 138483

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	276.4	F1	mg/Kg		28	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	269.6	F1	mg/Kg		25	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: 880-71195-A-30-E MSD
Matrix: Solid
Analysis Batch: 138565

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 138483

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	<50.1	U F1	1000	278.5	F1	mg/Kg		28	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	273.1	F1	mg/Kg		26	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	91		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138641/1-A
Matrix: Solid
Analysis Batch: 138646

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			04/23/26 03:07	1

Lab Sample ID: LCS 880-138641/2-A
Matrix: Solid
Analysis Batch: 138646

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.3		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-138641/3-A
Matrix: Solid
Analysis Batch: 138646

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	235.2		mg/Kg		94	90 - 110	5	20

Lab Sample ID: 880-71291-A-6-C MS
Matrix: Solid
Analysis Batch: 138646

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	557	F1	249	775.7	F1	mg/Kg		88	90 - 110		

Lab Sample ID: 880-71291-A-6-D MSD
Matrix: Solid
Analysis Batch: 138646

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	557	F1	249	769.5	F1	mg/Kg		85	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 138647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Total/NA	Solid	8021B	138676
890-9815-1	Backfill Sample	Total/NA	Solid	8021B	138676
MB 880-138676/5-A	Method Blank	Total/NA	Solid	8021B	138676
LCS 880-138676/1-A	Lab Control Sample	Total/NA	Solid	8021B	138676
LCSD 880-138676/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	138676
890-9815-1 MS	Backfill Sample	Total/NA	Solid	8021B	138676
890-9815-1 MSD	Backfill Sample	Total/NA	Solid	8021B	138676

Prep Batch: 138676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Total/NA	Solid	5035	
890-9815-1	Backfill Sample	Total/NA	Solid	5035	
MB 880-138676/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-138676/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-138676/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9815-1 MS	Backfill Sample	Total/NA	Solid	5035	
890-9815-1 MSD	Backfill Sample	Total/NA	Solid	5035	

Analysis Batch: 138749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Total/NA	Solid	8015NM Prep	
MB 880-138483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71195-A-30-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71195-A-30-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 138565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Total/NA	Solid	8015B NM	138483
MB 880-138483/1-A	Method Blank	Total/NA	Solid	8015B NM	138483
LCS 880-138483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138483
LCSD 880-138483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138483
880-71195-A-30-D MS	Matrix Spike	Total/NA	Solid	8015B NM	138483
880-71195-A-30-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	138483

Analysis Batch: 138673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 138641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Soluble	Solid	DI Leach	
MB 880-138641/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 138641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-138641/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138641/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71291-A-6-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-71291-A-6-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 138646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9815-1	Backfill Sample	Soluble	Solid	300.0	138641
MB 880-138641/1-A	Method Blank	Soluble	Solid	300.0	138641
LCS 880-138641/2-A	Lab Control Sample	Soluble	Solid	300.0	138641
LCSD 880-138641/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138641
880-71291-A-6-C MS	Matrix Spike	Soluble	Solid	300.0	138641
880-71291-A-6-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	138641

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

Client Sample ID: Backfill Sample

Date Collected: 04/21/26 12:50
Date Received: 04/21/26 15:40

Lab Sample ID: 890-9815-1

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			5.00 g	5 mL	138676	04/22/26 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 06:05	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	138676	04/22/26 17:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	138647	04/23/26 06:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			138749	04/23/26 06:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			138673	04/22/26 14:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138483	04/21/26 14:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	138565	04/22/26 14:37	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138641	04/22/26 14:49	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138646	04/23/26 05:22	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

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: Lea Unit #008

Job ID: 890-9815-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9815-1	Backfill Sample	Solid	04/21/26 12:50	04/21/26 15:40	Texas

Released to Imaging: 6/1/2026 1:09:57 PM
Received by OCD: 5/26/2026 9:33:53 AM

Chain of Custody

W

890-9815 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

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 Name:	Lea Unit #008	Turn Around	
Project Number:	3004	☐Routine ☑Rush	
Project Location	Lea County, New Mexico	Due Date:	48 Hour
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Thermo
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.4
Total Containers:		Corrected Temperature:	5.2

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
Backfill Sample	4/21/2026	12:50	X		Comp	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			4/21/154

4/23/2026

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6830.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9815-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 4/23/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Lea unit #008	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
Backfill Sample (890-9815-1)	4/21/26	12:50 Central	G	Solid			X	X	X	X	X	1	

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

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

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 4/21 1630	Company	Received by:	Date/Time: 4-22-26 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9815-1
SDG Number: Lea County New Mexico

Login Number: 9815
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9815-1
SDG Number: Lea County New Mexico

Login Number: 9815
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 04/21/26 09:35 PM

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	

APPENDIX F

CARMONA RESOURCES



APPROVED
By CHernandez at 11:18 am, Nov 05, 2018

1RP-5201
DELINEATION PLAN
Lea Unit #8D
Crude Oil Spill
Lea County, New Mexico

Latitude: N 32.59254°
Longitude: W 103.51155°

LAI Project No. 18-0138-03

October 5, 2018

Prepared for:
Legacy Reserves Operating, LP
303 West Wall Street, Suite 1300
Midland, Texas 79701

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 205
Midland, Texas 79701

Mark J. Larson, P.G.
Certified Professional Geologist #10490

Rachel E. Owen
Staff Geologist

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1.0 INTRODUCTION.....1
1.1 Background.....1
1.2 Physical Setting.....1
2.0 DELINEATION PLAN.....2
3.0 REMEDIATION PLAN.....2

Figures

Figure 1 Topographic Map
Figure 2 Aerial Map Showing Proposed Sample Points

Appendices

Appendix A Initial C-141
Appendix B Photographs

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this delineation plan on behalf of Legacy Reserves Operating, LP (Legacy) for submittal to the New Mexico Oil Conservation (OCD) District I for a crude oil spill at the Lea Unit #8D Battery (Site) located in Unit B, Section 12, Township 20 South, Range 34 East in Lea County, New Mexico. The geodetic position is North 32.59254° and West 103.51155°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The spill occurred on September 20, 2018, due to a malfunction on an injection well, causing the tank to overflow. Approximately 80 barrels (bbls) of crude oil were released and 20 bbls of crude oil were recovered. The spill occurred on the well pad and flowed to the pasture area southeast of the pad. The spill area measures approximately 20,284 ft^2. The spill is considered a major release due to the volume of released fluids greater than 25 bbls. LAI, on behalf of Legacy, called the spill into the OCD District 1 the same day (Olivia Yu was called on September 20, 2018 at approximately 13:45 CST). The initial C-141 was submitted to OCD District 1 on September 21, 2018 and assigned remediation permit number 1RP-5201. Appendix A presents the initial C-141.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,685 feet above mean sea level (msl);
- The topography slopes gently towards the southeast;
- There are no surface water features within 1,000 feet of the Site;
- The soils are designated as “Kermit soils and dune land, 0 to 12 percent slopes”, consisting of 0 to 60 inches of fine sand.
- The surface geology is the Ogallala Formation (lower Pliocene to middle Miocene)- Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains;
- Groundwater occurs in the Ogallala formation at approximately 64.0 feet below ground surface (bgs) based on New Mexico State Engineer records;
- The nearest fresh water well is located in Unit P (SE/4, SE/4), Section 12, Township 20 South, Range 34 East, approximately 0.6 miles or about 3,200 feet southeast of the Site.

2.0 DELINEATION PLAN

LAI proposes to collect soil samples at eight (8) locations within the spill area. Additional soil samples will be collected at four (4) locations in each cardinal direction (north, south, east and west) of the spill for horizontal delineation. The samples will be collected at 1 foot intervals to approximately 4 feet bgs and 2 foot intervals to approximately 12 feet bgs using direct push technology (DPT) depending on subsurface conditions. The soil samples will be delivered under chain of custody and preservation to Xenco Laboratories (Xenco) in Midland, Texas, and analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35) by EPA SW-846 Methods 8021B and 8015M, respectively. All samples will be analyzed for chloride by Method 300. Pending laboratory results, further delineation will be determined to reach cleanup level standards. Appendix B presents photographs.

3.0 REMEDIATION

Legacy will include a remediation plan in the delineation report to be submitted to the OCD within 15 days upon receipt of the final laboratory report.

Figures

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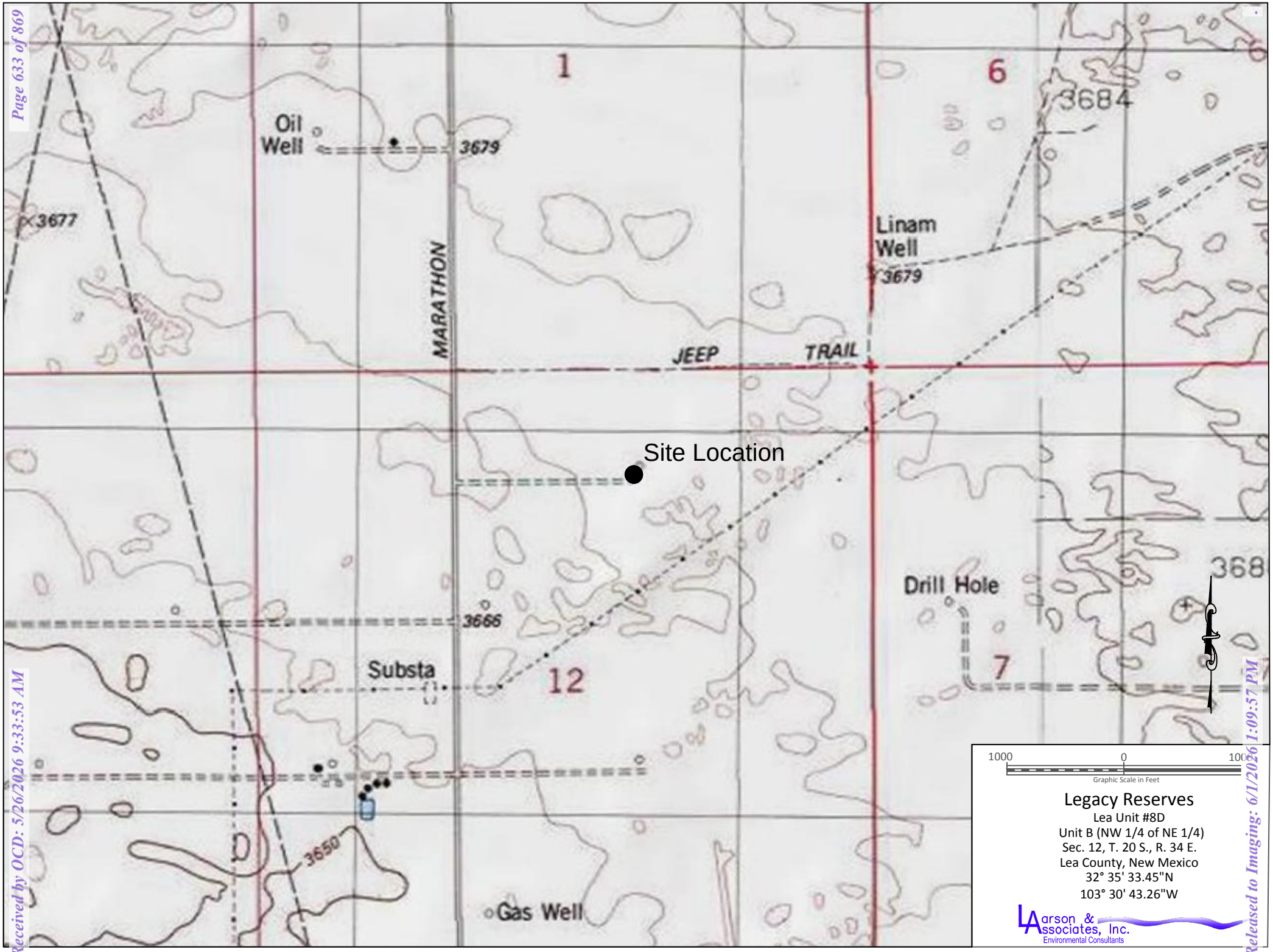
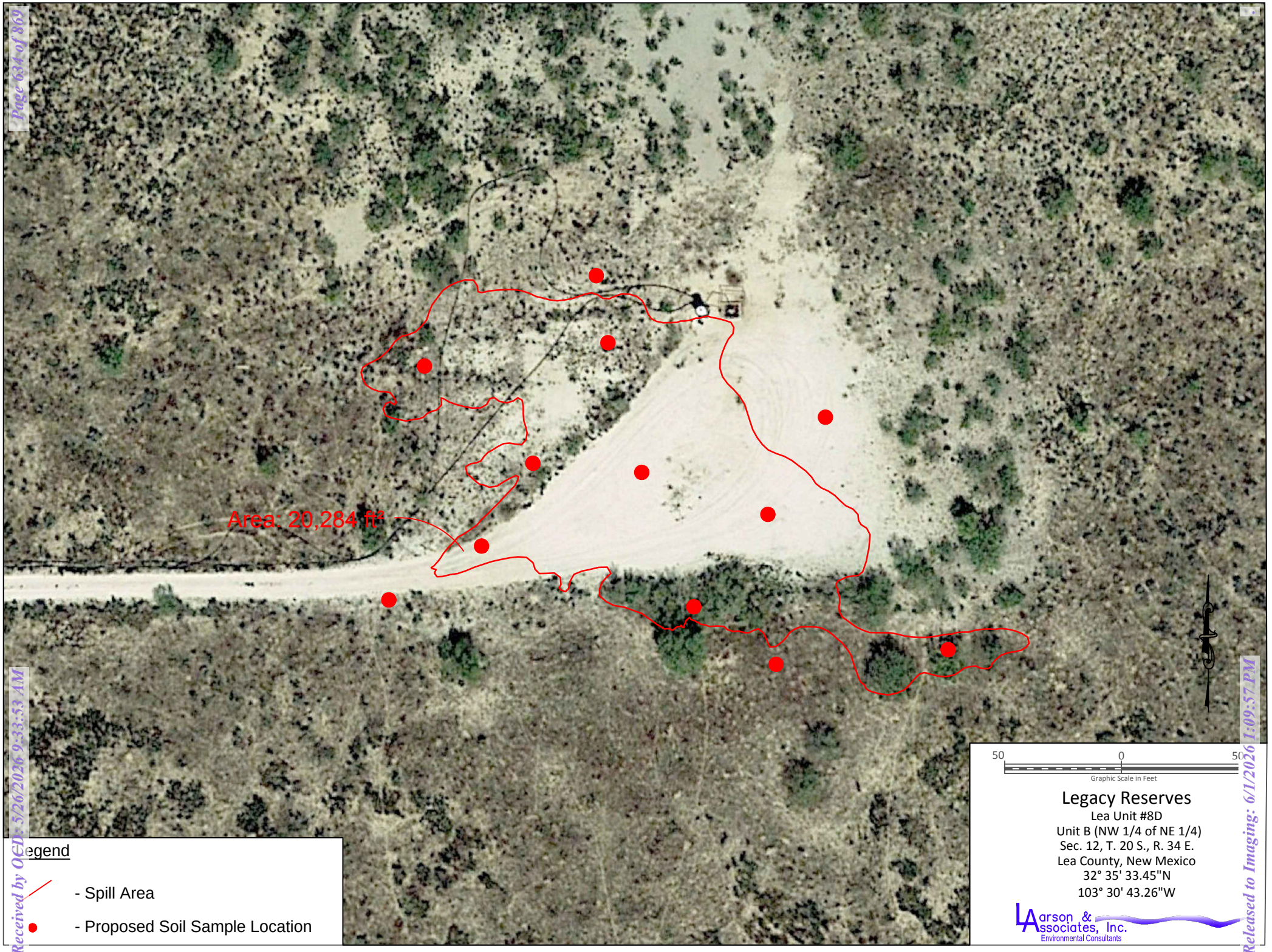


Figure 1 - Topographic Map

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Figure 2 - Aerial Map

Appendix A

Initial C-141

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
SEP 21 2018
RECEIVED

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Release Notification

Responsible Party

Responsible Party Legacy Reserves Operating, LP	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # *(assigned by OCD)*
Contact mailing address 303 W. Wall St. Midland, TX 79701	

Location of Release Source

Latitude 32.59254 N Longitude 103.51155 W
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Unit #8D	Site Type Tank Battery
Date Release Discovered 9/20/2018	API# *(if applicable)* 3002502431

Unit Letter	Section	Township	Range	County
B	12	20S	34E	Lea

Federal minerals

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☒ Private (*Name:* Kenneth Smith)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 80 bbls	Volume Recovered (bbls) N/A
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The tank battery overflowed due to a malfunction on the injection well.

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State of New Mexico
Oil Conservation Division

Incident ID	NOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release was greater than 25 bbls of liquid.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Larson and Associates personnel called Olivia Yu from OCD on 9/20/2018 and left a voice mail.

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: Brian Cunningham Date: 9/20/2018

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: **RECEIVED** By Olivia Yu at 4:06 pm, Sep 24, 2018 Date: _____

Received by OCD: 5/26/2026 9:33:53 AM

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Appendix B

Photographs



Lea Unit #8D SWD Viewing Northwest, September 26, 2018



Spill Area Viewing Northeast, September 26, 2018



Spill Area Viewing Southeast, September 26, 2018



Spill Area Viewing East, September 26, 2018

From: Hernandez, Christina, EMNRD
To: "Rachel Owen"; Yu, Olivia, EMNRD; stucker@blm.gov
Cc: Mark Larson; bcunningham@legacylp.com
Subject: RE: 1RP-5201 Lea Unit #8D Delineation Plan
Date: Monday, November 5, 2018 11:28:00 AM
Attachments: 1RP-5201 Lea Unit #8D Delineation Plan (002).pdf

Ms. Owen:

The delineation plan submitted for **1RP-5201** is approved. Please be advised that the revised C-141 form must be used for submittal of remediation and closure report. The revised C-141 form is available at: http://www.emnrd.state.nm.us/OCD/forms.html

Please also note that under the revised rule 19.15.29 NMAC, it is not necessary to submit a delineation plan, although you may do so if deemed necessary.

Thanks,
Christina Hernandez
EMNRD-OCD
Environmental Specialist
1625 N. French Drive
Hobbs, NM 88240
575-393-6161 x111
Christina.Hernandez@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Rachel Owen <rowen@laenvironmental.com>
Sent: Friday, October 5, 2018 12:07 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Cc: Mark Larson <Mark@laenvironmental.com>; bcunningham@legacylp.com
Subject: [EXT] 1RP-5201 Lea Unit #8D Delineation Plan

Dear Ms. Yu and Ms. Hernandez,

Larson & Associates, Inc. (LAI), on behalf of Legacy Reserves, LP (Legacy), submits the attached Delineation Plan for a crude oil spill at the Lea Unit #8D Battery (1RP-5201) located in Lea County, New Mexico. Your approval of the Delineation Plan is requested. Please feel free to contact Mr. Brian Cunningham with Legacy bcunningham@legacylp.com, myself, or Mark Larson if you have any

questions.

Respectfully,

Rachel Owen
Staff Geologist
Larson & Associates
Phone: 432.664.5357
Email: rowen@laenvironmental.com



Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	64.0 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: [signature] Date: 4/08/2019

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: Dylan Rose-Coss Date: 04/24/2019

Received by OCD: 5/26/2026 9:33:53 AM

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State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	64.0 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: [signature] Date: 4/08/2019

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: Dylan Rose-Coss Date: 04/24/2019

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Page 5

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- [x] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [x] Extents of contamination must be fully delineated.
- [x] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: Brian Cunningham Date: 4/08/2019

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: Dylan Rose-Coss Date: 04/24/2019

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature: Dylan Rose-Coss Date: 06/24/2019

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

1RP-5201
DEFERRAL REQUEST
Lea Unit #8D
Crude Oil Spill
Lea County, New Mexico

Latitude: N 32.59254°
Longitude: W -103.51155°

LAI Project No. 18-0138-03

April 24, 2019

Prepared for:
Legacy Reserves Operating, LP
303 West Wall Street, Suite 1300
Midland, Texas 79701

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 205
Midland, Texas 79701

Mark J. Larson, P.G.
Certified Professional Geologist #10490

Rachel E. Owen
Sr. Geoscientist

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1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this deferral request on behalf of Legacy Reserves Operating, LP (Legacy) for submittal to the New Mexico Oil Conservation (OCD) District I for a crude oil spill at the Lea Unit #8D Battery (Site) located in Unit B, Section 12, Township 20 South, Range 34 East in Lea County, New Mexico. The geodetic position is North 32.59254° and West 103.51155°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The spill occurred on September 20, 2018, due to a malfunction at the injection well causing a tank to overflow. The initial C-141 reported that approximately 80 barrels (bbls) of crude oil was released and 20 bbls of crude oil was recovered. The spill occurred on the well pad and flowed to the pasture southeast of the well pad. The spill area measures approximately 20,284 ft^2. LAI calculated the spill volume at approximately 173 bbls based on the depth of impacted soil between approximately 1 to 6 feet bgs and moisture content of 7% from laboratory analysis. The spill is considered a major release due to the volume of released fluids greater than 25 bbls. LAI, on behalf of Legacy, called the spill into the OCD District 1 the same day (Olivia Yu was called on September 20, 2018 at approximately 13:45 CST). The initial C-141 was submitted to OCD District 1 on September 21, 2018 and assigned remediation permit number 1RP-5201. Appendix A presents the initial C-141.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,685 feet above mean sea level (msl);
- The topography slopes gently towards the southeast;
- There are no surface water features within 1,000 feet of the Site;
- The soils are designated as “Kermit soils and dune land, 0 to 12 percent slopes”, consisting of 0 to 60 inches of fine sand.
- The surface geology is the Ogallala Formation (lower Pliocene to middle Miocene)- Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains;
- Groundwater occurs in the Ogallala formation at approximately 64.0 feet below ground surface (bgs) based on New Mexico State Engineer records;
- The nearest fresh water well is located in Unit P (SE/4, SE/4), Section 12, Township 20 South, Range 34 East, approximately 0.6 miles or about 3,200 feet southeast of the Site.

1.3 Remediation Levels

The following remediation levels are based on closure criteria presented in Table 1 of 19.15.29 NMAC:

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 2,500 mg/Kg
- Chloride 10,000 mg/Kg

Further, 19.15.29.13 NMAC (Restoration, Reclamation and Re-Vegetation) requires the operator to restore the impacted surface area that existed prior to the release or their final land use.

2.0 DELINEATION

On November 28 and 29, 2018, LAI personnel used direct push technology (DPT) to collect soil samples at seven (7) locations inside of the spill area and five (5) locations outside of the spill in each cardinal direction (north, south, east and west) for horizontal delineation. The samples were collected at 1 foot intervals to approximately 4 feet bgs and 2 foot intervals to approximately 8 feet bgs depending on subsurface conditions. The soil samples were delivered under chain of custody and preservation to Permian Basin Environmental Laboratory (PBEL) in Midland, Texas, and analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35) by EPA SW-846 Methods 8021B and 8015M, respectively. All samples will be analyzed for chloride by Method 300.

Benzene was reported above the OCD closure criteria of 10 milligrams per kilogram (mg/Kg) in samples DP-6, 0 to 1 foot (10.6 mg/Kg), DP-7, 0 to 1 foot (466.6 mg/Kg) and DP-9, 0 to 1 foot (36.1 mg/Kg).

BTEX was reported above the closure criteria (50 mg/Kg) in the following samples:

DP-2, 2 to 3 feet (93.7 mg/Kg)
DP-3, 1 to 2 feet (60 mg/Kg)
DP-6, 0 to 1 foot (237 mg/Kg)
DP-7, 0 to 1 foot (654 mg/Kg)
DP-8, 3 to 4 feet (229 mg/Kg)
DP-9, 0 to 1 foot (424.7 mg/Kg)
DP-12, 4 to 6 feet (163 mg/Kg)

TPH was reported above the OCD closure criteria (2,500 mg/Kg) in samples following samples:

DP-2, 3 to 4 feet (3,650 mg/Kg)
DP-3, 1 to 2 feet (8,310 mg/Kg)
DP-4, 0 to 1 foot (22,200 mg/Kg)
DP-6, 0 to 1 foot (36,400 mg/Kg)
DP-8, 4 to 6 feet (8,030 mg/Kg)
DP-9, 1 to 2 feet (3,230 mg/Kg)
DP-12, 4 to 6 feet (13,100 mg/Kg)

Chloride exceeded the Restoration, Reclamation and Re-Vegetation standard (600 mg/Kg) in the following samples: DP-6, 0 to 1 foot (701 mg/Kg) and DP-7, 0 to 1 foot (1,290 mg/Kg). Table 1 presents the delineation soil sample analytical data summary. Figure 2 presents the soil sample locations. Appendix B presents the laboratory report.

3.0 REMEDIATION

Between January 16, 2019 and March 20, 2019, Superior Oilfield Services (SOS), under supervision from LAI, used a backhoe to excavate soil from DP-2, DP-3, DP-4, DP-6, DP-7, DP-8, DP-9, and DP-12. Remediation began by removing the upper 6 inches of caliche from the spill area on the pad and pasture south of the pad. SOS excavated soil from the following areas and depths:

DP-2, 11 feet, 17 x 20 feet (340 square feet)
DP-3, 4 feet, 15 x 20 feet (300 square feet)
DP-4, 1.5 feet 11 x 13 feet (143 square feet)
DP-6, 2 feet, 20 x 40 feet (800 square feet)
DP-7, 2 feet, 8 x 28 feet (224 square feet)
DP-8, 10 feet, 16 x 16 feet (256 square feet)
DP-9, 3 feet, 15 x 20 feet (300 square feet)
DP-12, 7 feet, 16 x 16 feet (256 square feet)

Approximately 515 cubic yards of soil was disposed of at R360 Halfway Landfill and Lazy Ace Land-farm located between Hobbs and Carlsbad, New Mexico.

On January 22, 2019, March 14, 2019, and April 2, 2019, LAI personnel collected confirmation soil samples from the sidewalls (north, south, east and west) and at the bottom of each excavation. Figure 2 presents the excavations and confirmation sample locations. Table 2 presents the analytical data summary.

4.0 DEFERRAL REQUEST AND FURTHER REMEDIATION PLAN

Due to the proximity of excavations, encompassing DP-6 (north side) and DP-7 (north side and south side), to production equipment, Legacy is requesting a deferral to complete the remediation in these areas until abandonment or removal of the tanks, pumps, and electric lines for 1RP-5201. Legacy backfilled excavations on the well pad (DP-3, DP-4, DP-6, DP-7 and DP-9) with clean caliche and in the pasture (DP-2, DP-8, and DP-12) area with clean sand and seeded the areas with BLM Mix #3.

Tables

Table 1
1RP-5201
Delineation Soil Sample Analytical Data Summary
Legacy Reserves, Lea Unit 8D
Lea County, New Mexico
18-0138-03

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	C6 - C35 (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**2,500**	**10,000**
DP-1	0 - 1	11/29/2018	In-situ	<0.0202	<0.920	<25.3	<25.3	<25.3	<25.3	5.46
	1 - 2	11/29/2018	In-situ	<0.0204	<0.920	<25.5	<25.5	<25.5	<25.5	6.37
DP-2	0 - 1	11/29/2018	In-situ	0.504	**96.3**	4,110	14,200	2,390	**20,700**	3.03
	1 - 2	11/29/2018	In-situ	0.504	**92**	4,790	11,800	2,100	**18,700**	<1.04
	2 - 3	11/29/2018	In-situ	0.440	**93.7**	6,030	13,700	2,460	**22,200**	--
	3 - 4	11/29/2018	In-situ	<0.0206	3.71	645	2,590	416	**3,650**	--
	4 - 6	11/29/2018	In-situ	--	--	<26.6	132	29.7	162	--
DP-3	0 - 1	11/29/2018	In-situ	0.524	**102**	431	1,380	184	**1,990**	12.3
	1 - 2	11/29/2018	In-situ	<0.105	**60**	2,150	5,370	798	**8,310**	3.94
	2 - 3	11/29/2018	In-situ	<0.0200	<0.920	<29.4	48.9	<29.4	48.9	--
DP-4	0 - 1	11/29/2018	In-situ	0.835	44.7	4,030	15,900	2,310	**22,200**	333
	1 - 2	11/29/2018	In-situ	<0.0204	<0.920	<25.5	207	54.1	262	4.39
DP-5	0 - 1	11/29/2018	In-situ	<0.0217	<0.920	<27.2	33.6	<27.2	33.6	171
	1 - 2	11/29/2018	In-situ	<0.0200	<0.920	<25.0	<25.0	<25.0	<25.0	10.1
DP-6	0 - 1	11/29/2018	In-situ	**10.6**	**237**	7,460	25,100	3,840	**36,400**	**701**
	1 - 2	11/29/2018	In-situ	<0.0204	<0.920	<25.5	263	58.4	322	7.79
DP-7	0 - 1	11/29/2018	In-situ	**46.6**	**654**	13,900	38,300	5,970	58,200	**1,290**
	1 - 2	11/29/2018	In-situ	0.0248	<0.920	<30.1	88.3	<30.1	88.3	171
DP-8	0 - 1	11/29/2018	In-situ	0.561	**169**	8,000	19,500	2,930	**30,400**	5.5
	1-2	11/29/2018	In-situ	0.369	**139**	4,180	9,060	1,460	**14,700**	<1.03
	2 - 3	11/29/2018	In-situ	<0.258	**93.4**	3,760	8,370	1,380	**13,500**	--
	3-4	11/29/2018	In-situ	2.57	**229**	7,480	14,000	2,370	**23,800**	--
	4-6	11/29/2018	In-situ	<0.281	47.5	1,980	5,250	795	**8,030**	--
	6-8	11/29/2018	In-situ	--	--	<26.6	29.8	<26.6	29.8	--
DP-9	0 - 1'	11/28/2018	In-Situ	**36.1**	**424.7**	13,900	47,600	7,600	**69,100**	115

Table 1
1RP-5201
Delineation Soil Sample Analytical Data Summary
Legacy Reserves, Lea Unit 8D
Lea County, New Mexico
18-0138-03

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	C6 - C35 (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**2,500**	**10,000**
	1 - 2'	11/28/2018	In-Situ	0.22	9.9	435	2,390	400	**3,230**	95.9
	2 - 3'	11/28/2018	In-Situ	--	--	66.7	545	96.9	709	--
DP-10	0 - 1'	11/28/2018	In-Situ	<0.0202	<0.920	<25.5	<25.5	<25.5	<25.5	5.10
	1 - 2'	11/28/2018	In-Situ	<0.0202	<0.920	<25.5	<25.5	<25.5	<25.5	<1.02
DP-11	0 - 1'	11/28/2018	In-Situ	0.0746	1.6276	<28.1	301	99.6	400	5.33
	1 - 2'	11/28/2018	In-Situ	--	--	--	--	--	--	--
DP-12	0 - 1'	11/28/2018	In-Situ	0.529	**123**	5,300	27,100	4,300	**36,700**	7.99
	1 - 2'	11/28/2018	In-Situ	0.453	**161**	3,750	11,200	1,920	**16,800**	<1.01
	2 - 3'	11/28/2018	In-Situ	0.282	**139**	3,720	11,600	1,950	**17,200**	--
	3 - 4'	11/28/2018	In-Situ	8.27	**269**	5,630	13,700	2,190	**21,500**	--
	4 - 6'	11/28/2018	In-Situ	3.47	**163**	3,300	8,380	1,430	**13,100**	--
	6 - 8'	11/28/2018	In-Situ	<0.549	<2.3	<27.5	124	37.9	162	--

Notes: analysis performed by Xenco Laboratories, Midland, Texas by EPA SW-846 Methods 8021B (BTEX), 8015M (TPH) and 300 (chloride)
mg/Kg: denotes concentration in milligrams per kilogram
Depth is feet below ground surface (bgs)
Denotes concentration above remediation level

Table 2
1RP-5201
Confirmation Soil Sample Analytical Data Summary
Legacy Reserves, Lea Unit 8D
Lea County, New Mexico
18-0138-03

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	C6 - C35 (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**2,500**	**10,000**
DP-2.1 (north sidewall)	3	1/22/2019	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	<1.00
DP-2.2 (east sidewall)	3	1/22/2019	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	<1.00
DP-2.3 (south sidewall)	3	1/22/2019	In-Situ	<0.0202	<0.1212	<25.3	<25.3	<25.3	<25.3	5.16
DP-2.4 (west sidewall)	3	1/22/2019	In-Situ	<0.00101	<0.00606	<25.3	37.0	<25.3	37.0	<1.01
DP-2.5 (bottom)	6	1/22/2019	Excavated	<0.00101	0.2054	223	3,720	496	**4,440**	3.33
	11	3/14/2019	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	<1.05
DP-3.1 (north sidewall)	2	1/22/2019	In-Situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	2.97
DP-3.2 (east sidewall)	2	1/22/2019	In-Situ	<0.00102	<0.00612	<25.0	<25.0	<25.0	<25.0	221
DP-3.3 (south sidewall)	2	1/22/2019	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	5.49
DP-3.4 (west sidewall)	2	1/22/2019	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	48.5
DP-3.5 (bottom)	4	1/22/2019	In-Situ	<0.0202	<0.1212	<25.3	253	105	358	249
DP-4.1 (north sidewall)	0.75	1/22/2019	In-Situ	--	--	<25.0	<25.0	<25.0	<25.0	28.8
		4/2/2019	In-Situ	<0.00201	<0.00201	--	--	--	--	
DP-4.2 (east sidewall)	0.75	1/22/2019	In-Situ	--	--	<25.0	<25.0	<25.0	<25.0	6.15
		4/2/2019	In-Situ	<0.00198	<0.00198	--	--	--	--	--
DP-4.3 (south sidewall)	0.75	1/22/2019	In-Situ	--	--	<25.5	35.6	<25.5	35.6	2.73
		4/2/2019	In-Situ	<0.00199	<0.00199	--	--	--	--	--
DP-4.4 (west sidewall)	0.75	1/22/2019	In-Situ	--	--	<25.0	<25.0	<25.0	<25.0	<1.00
		4/2/2019	In-Situ	<0.00198	<0.00198	--	--	--	--	--
DP-4.5 (bottom)	1.5	1/22/2019	In-Situ	--	--	<25.8	<25.8	<25.8	<25.8	21.3
		4/2/2019	In-Situ	<0.00200	<0.00200	--	--	--	--	--
DP-6.1 (north sidewall)	1	1/22/2019	In-Situ	<0.0204	3.763	452	2,940	380	**3,770**	91.2
DP-6.2 (east sidewall)	1	1/22/2019	In-Situ	0.00158	0.05446	99.6	1,620	265	1,990	80.7
DP-6.3 (south sidewall)	1	1/22/2019	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	9.79
DP-6.4 (west sidewall)	1	1/22/2019	In-Situ	<0.00101	<0.00606	<25.3	29.8	<25.3	29.8	157
DP-6.5 (bottom)	2	1/22/2019	In-Situ	<0.00100	0.00965	30.5	817	119	966	253
DP-7.1 (north sidewall)	0.75	1/22/2019	In-Situ	0.0304	10.3604	873	4,650	671	**6,190**	414
DP-7.2 (east sidewall)	0.75	1/22/2019	In-Situ	0.00111	0.13721	<25.0	108	<25.0	108	188
DP-7.3 (south sidewall)	0.75	1/22/2019	In-Situ	0.0162	0.3276	1,010	10,300	1,340	**12,600**	158

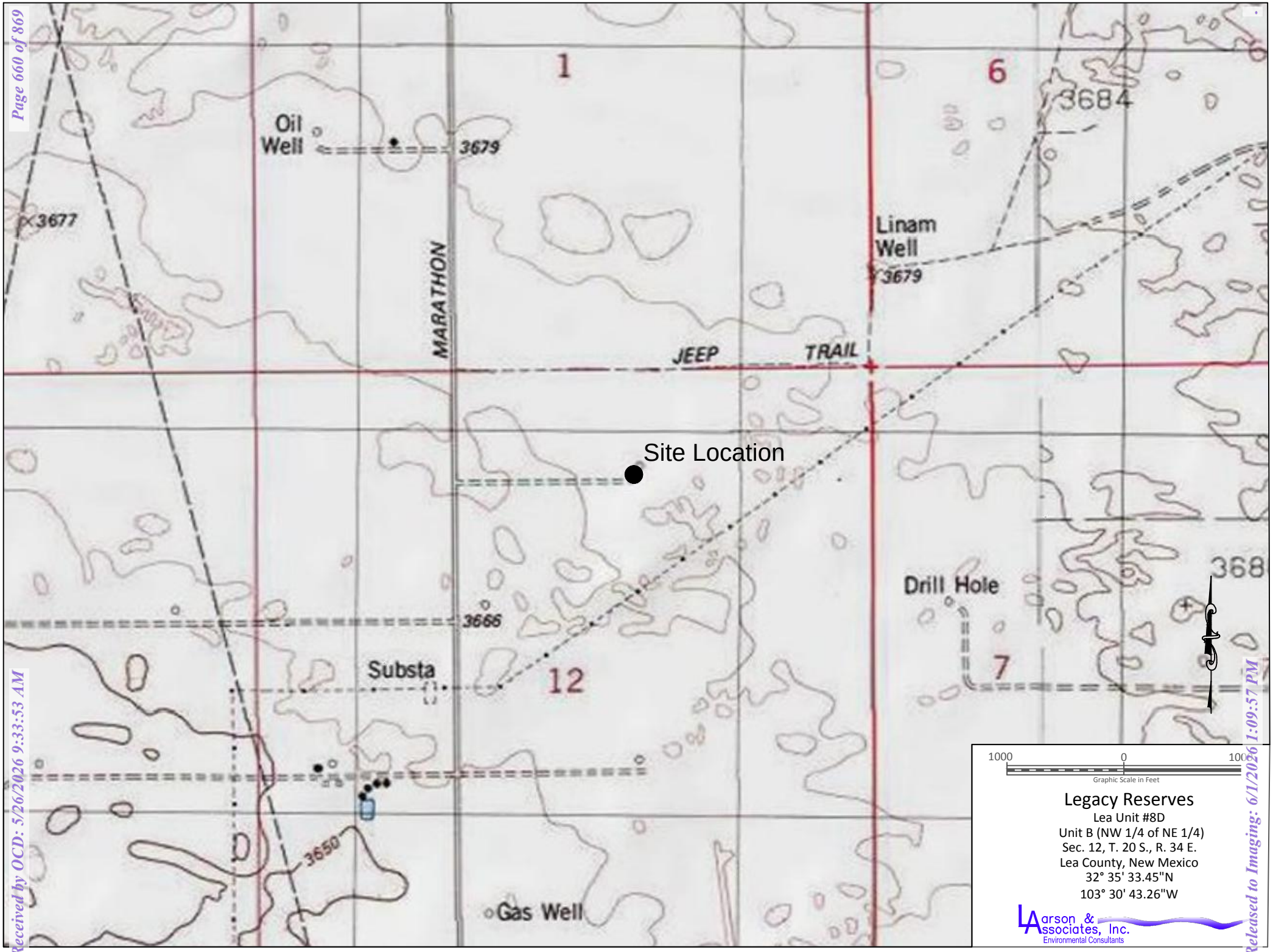
Table 2
1RP-5201
Confirmation Soil Sample Analytical Data Summary
Legacy Reserves, Lea Unit 8D
Lea County, New Mexico
18-0138-03

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	C6 - C35 (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**2,500**	**10,000**
DP-7.4 (west sidewall)	0.75	1/22/2019	In-Situ	<0.00101	<0.00606	<25.0	<25.0	<25.0	<25.0	45.3
DP-7.5 (bottom)	1.5	1/22/2019	Excavated	<0.0200	2.98	178	2,060	275	**2,510**	75.4
	2	3/20/2019	In-Situ	<0.00109	<0.00653	<27.2	618	147	765	305.0
DP-8.1 (north sidewall)	3.5	1/22/2019	In-Situ	<0.00100	0.00965	<25.0	32.5	<25.0	32.5	5.83
DP-8.2 (east sidewall)	3.5	1/22/2019	Excavated	<0.00100	0.0997	96.5	2,410	307	**2,810**	7.08
	5	3/14/2019	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	21.6
DP-8.3 (south sidewall)	3.5	1/22/2019	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	<1.00
DP-8.4 (west sidewall)	3.5	1/22/2019	In-Situ	<0.00102	0.00612	<25.5	<25.5	<25.5	<25.5	4.14
DP-8.5 (bottom)	7	1/22/2019	Excavated	0.00378	0.66278	124	2,720	459	**3,310**	60.1
	10	3/14/2019	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	21.4
DP-9.1 (north sidewall)	1.5	1/22/2019	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	46.7
DP-9.2 (east sidewall)	1.5	1/22/2019	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	34.3
DP-9.7 (east sidewall)	1.5	3/20/2019	In-Situ	<0.00101	<0.00606	<25.3	43.2	<25.3	43.2	1.53
DP-9.3 (south sidewall)	1.5	1/22/2019	In-Situ	<0.00102	<0.00612	<25.3	45.7	<25.3	45.7	10.9
DP-9.4 (west sidewall)	1.5	1/22/2019	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	28.6
DP-9.6 (west sidewall)	1.5	3/20/2019	In-Situ	<0.00100	<0.00600	<25.0	55.1	<25.0	55.1	5.26
DP-9.5 (bottom)	3	1/22/2019	In-Situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	285
DP-12.1 (north sidewall	3.5	1/22/2019	In-Situ	<0.0200	<0.1200	<25.0	149	49.3	199	<1.00
DP-12.2 (east sidewall)	3.5	1/22/2019	In-Situ	<0.00101	<0.00606	<25.3	<25.3	<25.3	<25.3	<1.01
DP-12.3 (south sidewall	3.5	1/22/2019	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	<1.03
DP-12.4 (west sidewall)	3.5	1/22/2019	In-Situ	<0.00100	<0.00600	<25.0	<25.0	<25.0	<25.0	<1.57
DP-12.5 (bottom)	7	1/22/2019	In-Situ	<0.00102	0.24038	37.1	380	52.6	470	1.84

Notes: analysis performed by Xenco Laboratories, Midland, Texas by EPA SW-846 Methods 8021B (BTEX), 8015M (TPH) and 300 (chloride)
mg/Kg: denotes concentration in milligrams per kilogram
feet below ground surface (bgs)
Denotes concentration above remediation level and excavated
Denotes concentration above remediation level and defer remeidation until abandonement

Figures

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Figure 1 - Topographic Map

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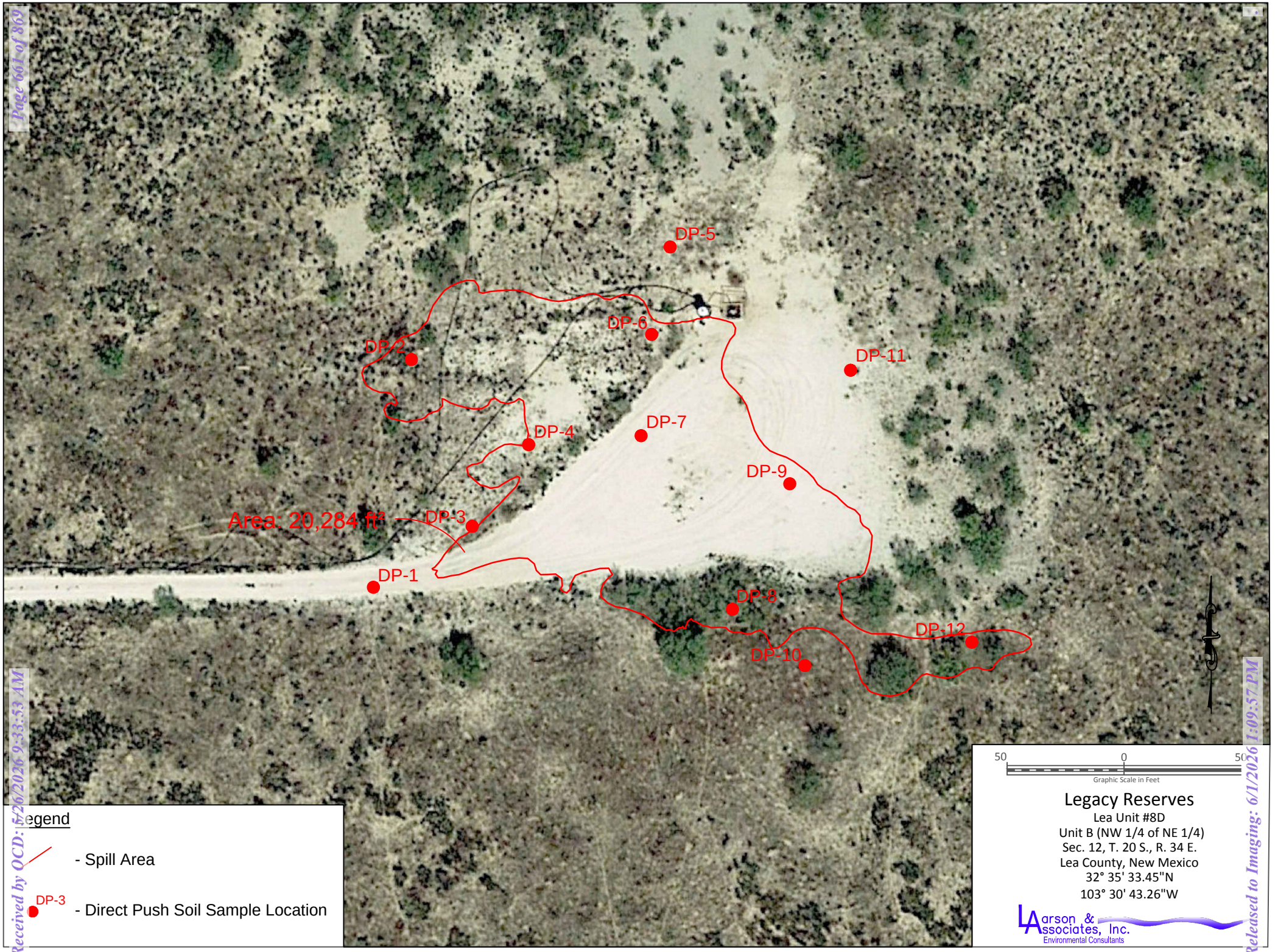


Figure 2 - Aerial Map Showing Direct Push Soil Sample Locations

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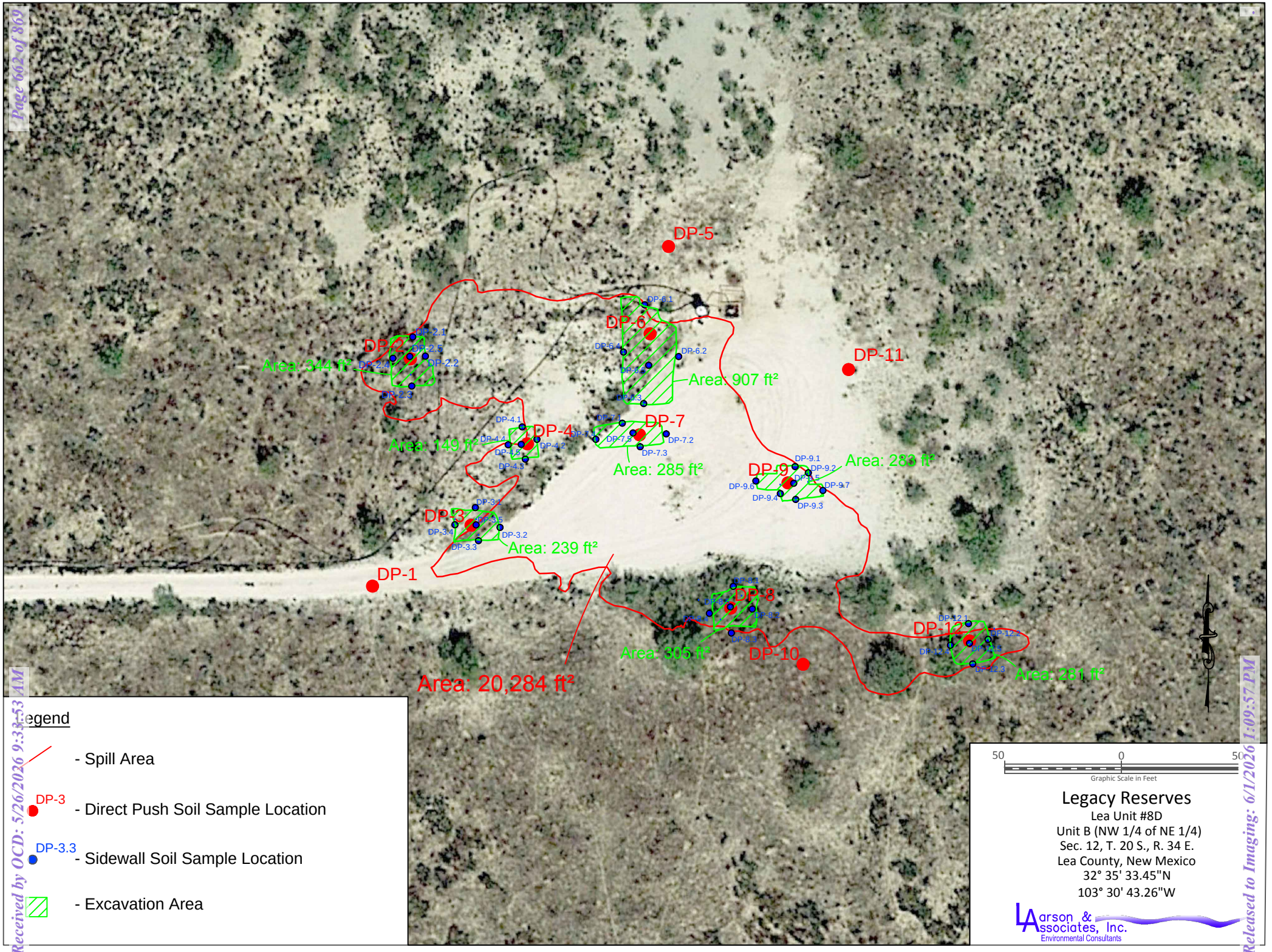


Figure 3 - Aerial Map Showing Direct Push Soil Sample Locations and Excavated Areas

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Appendix A

Initial C-141

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
SEP 21 2018
RECEIVED

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Release Notification

Responsible Party

Responsible Party Legacy Reserves Operating, LP	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # *(assigned by OCD)*
Contact mailing address 303 W. Wall St. Midland, TX 79701	

Location of Release Source

Latitude 32.59254 N Longitude 103.51155 W
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Unit #8D	Site Type Tank Battery
Date Release Discovered 9/20/2018	API# *(if applicable)* 3002502431

Unit Letter	Section	Township	Range	County
B	12	20S	34E	Lea

Federal minerals

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☒ Private (*Name:* Kenneth Smith)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 80 bbls	Volume Recovered (bbls) N/A
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The tank battery overflowed due to a malfunction on the injection well.

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State of New Mexico
Oil Conservation Division

Incident ID	NOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release was greater than 25 bbls of liquid.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Larson and Associates personnel called Olivia Yu from OCD on 9/20/2018 and left a voice mail.

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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: Brian Cunningham Date: 9/20/2018

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: **RECEIVED** By Olivia Yu at 4:06 pm, Sep 24, 2018 Date: _____

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Appendix B

OCD Correspondence

From: Brian Cunningham
To: Mark Larson
Subject: Fwd: Major release at Lea Unit #8D (30-025-02431)
Date: Tuesday, September 25, 2018 9:14:05 AM
Attachments: 1RP5201_initialnotif_3002502431.pdf
ATT00001.htm

FYI

Sent from my iPhone

Begin forwarded message:

From: "Yu, Olivia, EMNRD" <Olivia.Yu@state.nm.us>
Date: September 24, 2018 at 4:14:50 PM MDT
To: "bcunningham@legacylp.com" <bcunningham@legacylp.com>, "Tucker, Shelly" <stucker@blm.gov>
Cc: "Hernandez, Christina, EMNRD" <Christina.Hernandez@state.nm.us>
Subject: Major release at Lea Unit #8D (30-025-02431)

Mr. Cunningham:

Please note that NMOCD databases indicate Federal surface and minerals ownerships. BLM can verify.

Please be advised that

1. The initial portion of the C-141 form does not include the calculations to determine the release volume. Visual estimation is not sufficient nor adequate. Please submit measurements in volume estimation; including dimensions, soil parameters (porosity, texture, bulk density, etc), and dated, geo-referenced photo documentation verifying that the release has been contained.
2. Per 19.15.29.10 NMAC, a major release necessitates immediate notification to NMOCD Environmental Bureau chief, in addition to the District office.
3. Per 19.15.29.13 NMAC, regulations of corresponding agencies supersede NMOCD's.

The 1RP for this incident is

5201	9/24/2018	A	Legacy	Lea Unit #8D	30-025-02431	20S-34E-12B	9/20/2018

Please remember to include this 1RP identifier to all communications. Revised NMAC 19.15.29 was effective on August 14, 2018. Delineate and remediate per regulation. Mind the timelines for submittal of requisite information.

Please be advised that NMOCD recommends a completed site characterization/delineation report be reviewed or approved by NMOCD BEFORE any significant remediation work towards closure.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Appendix C

Laboratory Reports

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Location:

Lab Order Number: 8L01001

NELAP/TCEQ # T104704516-17-8

Report Date: 12/14/18

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-11 (0'-1')	8L01001-01	Soil	11/28/18 14:18	12-01-2018 13:30
DP-11 (1'-2')	8L01001-02	Soil	11/28/18 14:21	12-01-2018 13:30
DP-9 (0'-1')	8L01001-09	Soil	11/28/18 14:50	12-01-2018 13:30
DP-9 (1'-2')	8L01001-10	Soil	11/28/18 14:54	12-01-2018 13:30
DP-9 (2'-3')	8L01001-11	Soil	11/28/18 15:01	12-01-2018 13:30
DP-10 (0'-1')	8L01001-17	Soil	11/28/18 15:16	12-01-2018 13:30
DP-10 (1'-2')	8L01001-18	Soil	11/28/18 15:17	12-01-2018 13:30
DP-12 (0'-1')	8L01001-22	Soil	11/28/18 15:26	12-01-2018 13:30
DP-12 (1'-2')	8L01001-23	Soil	11/28/18 15:28	12-01-2018 13:30
DP-12 (2'-3')	8L01001-24	Soil	11/28/18 15:30	12-01-2018 13:30
DP-12 (3'-4')	8L01001-25	Soil	11/28/18 15:32	12-01-2018 13:30
DP-12 (4'-6')	8L01001-26	Soil	11/28/18 15:34	12-01-2018 13:30
DP-12 (6'-8')	8L01001-27	Soil	11/28/18 15:37	12-01-2018 13:30
DP-7 (0'-1')	8L01001-30	Soil	11/29/18 11:13	12-01-2018 13:30
DP-7 (1'-2')	8L01001-31	Soil	11/29/18 11:15	12-01-2018 13:30
DP-4 (0'-1')	8L01001-38	Soil	11/29/18 11:27	12-01-2018 13:30
DP-4 (1'-2')	8L01001-39	Soil	11/29/18 11:28	12-01-2018 13:30
DP-2 (0'-1')	8L01001-46	Soil	11/29/18 12:20	12-01-2018 13:30
DP-2 (1'-2')	8L01001-47	Soil	11/29/18 12:22	12-01-2018 13:30
DP-2 (2'-3')	8L01001-48	Soil	11/29/18 12:24	12-01-2018 13:30
DP-2 (3'-4')	8L01001-49	Soil	11/29/18 12:27	12-01-2018 13:30
DP-2 (4'-6')	8L01001-50	Soil	11/29/18 12:29	12-01-2018 13:30
DP-1 (0'-1')	8L01001-54	Soil	11/29/18 12:55	12-01-2018 13:30
DP-1 (1'-2')	8L01001-55	Soil	11/29/18 12:57	12-01-2018 13:30
DP-3 (0'-1')	8L01001-62	Soil	11/29/18 13:10	12-01-2018 13:30
DP-3 (1'-2')	8L01001-63	Soil	11/29/18 13:11	12-01-2018 13:30
DP-3 (2'-3')	8L01001-64	Soil	11/29/18 13:12	12-01-2018 13:30
DP-8 (0'-1')	8L01001-70	Soil	11/29/18 14:18	12-01-2018 13:30
DP-8 (1'-2')	8L01001-71	Soil	11/29/18 14:20	12-01-2018 13:30
DP-8 (2'-3')	8L01001-72	Soil	11/29/18 14:21	12-01-2018 13:30
DP-8 (3'-4')	8L01001-73	Soil	11/29/18 14:23	12-01-2018 13:30
DP-8 (4'-6')	8L01001-74	Soil	11/29/18 14:25	12-01-2018 13:30
DP-8 (6'-8')	8L01001-75	Soil	11/29/18 14:26	12-01-2018 13:30
DP-6 (0'-1')	8L01001-78	Soil	11/29/18 14:50	12-01-2018 13:30

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-6 (1'-2')	8L01001-79	Soil	11/29/18 14:52	12-01-2018 13:30
DP-5 (0'-1')	8L01001-86	Soil	11/29/18 15:07	12-01-2018 13:30
DP-5 (1'-2')	8L01001-87	Soil	11/29/18 15:08	12-01-2018 13:30

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-11 (0'-1')

8L01001-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0746**	0.0225	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**0.579**	0.225	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**0.316**	0.112	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**0.658**	0.449	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.225	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.6 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*75.5 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.33**	1.12	mg/kg dry	1	P8L0707	12/07/18	12/07/18	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P8L0406	12/03/18	12/03/18	TPH 8015M	
>C12-C28	**301**	28.1	mg/kg dry	1	P8L0406	12/03/18	12/03/18	TPH 8015M	
>C28-C35	**99.6**	28.1	mg/kg dry	1	P8L0406	12/03/18	12/03/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P8L0406*	*12/03/18*	*12/03/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P8L0406*	*12/03/18*	*12/03/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**400**	28.1	mg/kg dry	1	[CALC]	12/03/18	12/03/18	calc	
BTEX by 8021B									
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**1.45**	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-11 (1'-2')

8L01001-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*85.0 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.02	mg/kg dry	1	P8L0707	12/07/18	12/07/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9 (0'-1')

8L01001-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**36.1**	0.291	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**101**	2.91	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**96.5**	1.45	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**106**	5.81	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**85.1**	2.91	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.8 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*73.0 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**115**	1.16	mg/kg dry	1	P8L0707	12/07/18	12/07/18	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**13900**	291	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**47600**	291	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**7600**	291	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.0 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**69100**	291	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**164**	7.50	mg/kg	250	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**365**	11.5	mg/kg	250	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-9 (1'-2')

8L01001-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.220**	0.0206	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**2.52**	0.206	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**1.71**	0.103	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**3.77**	0.412	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**1.98**	0.206	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*65.7 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*85.1 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**95.9**	1.03	mg/kg dry	1	P8L0707	12/07/18	12/07/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**435**	129	mg/kg dry	5	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**2390**	129	mg/kg dry	5	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**400**	129	mg/kg dry	5	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**3230**	129	mg/kg dry	5	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**5.58**	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**9.90**	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9 (2'-3')

8L01001-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**3.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**66.7**	25.8	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**545**	25.8	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**96.9**	25.8	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**709**	25.8	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-10 (0'-1')

8L01001-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	ND	0.202	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	ND	0.101	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	ND	0.404	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.202	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.5 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.10**	1.01	mg/kg dry	1	P8L0707	12/07/18	12/08/18	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.0 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-10 (1'-2')

8L01001-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.1 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.02	mg/kg dry	1	P8L0707	12/07/18	12/08/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.5 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12 (0'-1')

8L01001-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.529**	0.235	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**25.6**	2.35	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**33.0**	1.18	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**52.6**	4.71	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**33.6**	2.35	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*69.4 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*88.8 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.99**	1.18	mg/kg dry	1	P8L0707	12/07/18	12/08/18	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**5330**	294	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**27100**	294	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**4300**	294	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.1 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*81.4 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**36700**	294	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**73.2**	6.00	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**123**	9.20	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-12 (1'-2')

8L01001-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.453**	0.202	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**32.6**	2.02	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**35.6**	1.01	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**57.9**	4.04	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**35.7**	2.02	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*70.7 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*93.4 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.01	mg/kg dry	1	P8L0707	12/07/18	12/08/18	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**3750**	253	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**11200**	253	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**1920**	253	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.7 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.0 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**16800**	253	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**161**	9.20	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	**92.6**	6.00	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-12 (2'-3')

8L01001-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.282**	0.222	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**31.1**	2.22	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**34.3**	1.11	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**55.0**	4.44	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**34.0**	2.22	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*66.6 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*84.2 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**3720**	278	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**11600**	278	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**1950**	278	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.0 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**17200**	278	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**139**	9.20	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	**80.1**	6.00	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-12 (3'-4')

8L01001-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**8.27**	0.266	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**73.3**	2.66	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**62.6**	1.33	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**87.7**	5.32	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**54.9**	2.66	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*63.4 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*80.8 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**6.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**5630**	266	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**13700**	266	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**2190**	266	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*85.6 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**21500**	266	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**269**	11.5	mg/kg	250	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	**134**	7.50	mg/kg	250	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-12 (4'-6')

8L01001-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**3.47**	0.222	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**46.1**	2.22	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**38.0**	1.11	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**59.4**	4.44	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**34.3**	2.22	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*97.3 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*71.4 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**10.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**3300**	139	mg/kg dry	5	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**8380**	139	mg/kg dry	5	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**1430**	139	mg/kg dry	5	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*123 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.3 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**13100**	139	mg/kg dry	5	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**163**	9.20	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	**84.3**	6.00	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12 (6'-8')

8L01001-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0549	mg/kg dry	50	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	ND	0.549	mg/kg dry	50	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	ND	0.275	mg/kg dry	50	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	ND	1.10	mg/kg dry	50	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.549	mg/kg dry	50	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*93.6 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**9.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**124**	27.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**37.9**	27.5	mg/kg dry	1	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**162**	27.5	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	ND	2.30	mg/kg	50	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	ND	1.50	mg/kg	50	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7 (0'-1')

8L01001-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**46.6**	0.526	mg/kg dry	500	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**188**	5.26	mg/kg dry	500	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**140**	2.63	mg/kg dry	500	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**195**	10.5	mg/kg dry	500	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**119**	5.26	mg/kg dry	500	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*72.9 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*92.1 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1290**	5.26	mg/kg dry	5	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**13900**	263	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**38300**	263	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**5970**	263	mg/kg dry	10	P8L0407	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*75.0 %*	*70-130*		*P8L0407*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**58200**	263	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**654**	23.0	mg/kg	500	[CALC]	12/04/18	12/04/18	EPA 8021B	
Xylenes (total)	**299**	15.0	mg/kg	500	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7 (1'-2')

8L01001-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0248**	0.0241	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	ND	0.241	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	ND	0.120	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	ND	0.482	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.241	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*87.2 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*90.3 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**171**	1.20	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**17.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	30.1	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**88.3**	30.1	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	ND	30.1	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**88.3**	30.1	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-4 (0'-1')

8L01001-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.835**	0.284	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**5.28**	2.84	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**4.00**	1.42	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**22.5**	5.68	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**18.2**	2.84	mg/kg dry	250	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*82.0 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*66.4 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**333**	1.14	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**4030**	142	mg/kg dry	5	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**15900**	142	mg/kg dry	5	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**2310**	142	mg/kg dry	5	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.6 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.1 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**22200**	142	mg/kg dry	5	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**35.8**	7.50	mg/kg	250	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**44.7**	11.5	mg/kg	250	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-4 (1'-2')

8L01001-39 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.4 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.39**	1.02	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**207**	25.5	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**54.1**	25.5	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**262**	25.5	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-2 (0'-1')

8L01001-46 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.504**	0.213	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**19.6**	2.13	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**22.2**	1.06	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**41.1**	4.26	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**19.1**	2.13	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*68.1 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*83.6 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.03**	1.06	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**4110**	266	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**14200**	266	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**2390**	266	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**20700**	266	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**56.5**	6.00	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**96.3**	9.20	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2 (1'-2')

8L01001-47 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.504**	0.208	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Toluene	**7.34**	2.08	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Ethylbenzene	**10.5**	1.04	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (p/m)	**46.3**	4.17	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Xylene (o)	**31.1**	2.08	mg/kg dry	200	P8L0403	12/04/18	12/04/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*81.0 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*64.8 %*	*75-125*		*P8L0403*	*12/04/18*	*12/04/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.04	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**4790**	260	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**11800**	260	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**2100**	260	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**18700**	260	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**74.4**	6.00	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	
Total BTEX	**92.0**	9.20	mg/kg	200	[CALC]	12/04/18	12/04/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-2 (2'-3')

8L01001-48 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.440**	0.247	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**10.4**	2.47	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**9.94**	1.23	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**63.2**	4.94	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**31.7**	2.47	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.5 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*81.8 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**19.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**6030**	309	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**13700**	309	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**2460**	309	mg/kg dry	10	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.6 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**22200**	309	mg/kg dry	10	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**76.9**	6.00	mg/kg	200	[CALC]	12/04/18	12/05/18	EPA 8021B	
Total BTEX	**93.7**	9.20	mg/kg	200	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-2 (3'-4')

8L01001-49 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0206	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**0.210**	0.206	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**0.156**	0.103	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**2.25**	0.412	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**1.21**	0.206	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.2 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*70.3 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**3.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**645**	25.8	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**2590**	25.8	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**416**	25.8	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**3650**	25.8	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**3.36**	0.600	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	
Total BTEX	**3.71**	0.920	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2 (4'-6')

8L01001-50 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**6.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C12-C28	**132**	26.6	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
>C28-C35	**29.7**	26.6	mg/kg dry	1	P8L0405	12/03/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P8L0405*	*12/03/18*	*12/04/18*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**162**	26.6	mg/kg dry	1	[CALC]	12/03/18	12/04/18	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (0'-1')

8L01001-54 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	ND	0.202	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	ND	0.101	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	ND	0.404	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	ND	0.202	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.7 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*83.3 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.46**	1.01	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (1'-2')

8L01001-55 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.0 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.37**	1.02	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (0'-1')

8L01001-62 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.524**	0.253	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**29.6**	2.53	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**29.3**	1.27	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**49.3**	5.06	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**20.5**	2.53	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*109 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.3**	1.27	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**21.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**431**	158	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**1380**	158	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**184**	158	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1990**	158	mg/kg dry	5	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**55.1**	6.00	mg/kg	200	[CALC]	12/04/18	12/05/18	EPA 8021B	
Total BTEX	**102**	9.20	mg/kg	200	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (1'-2')

8L01001-63 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.105	mg/kg dry	100	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**11.1**	1.05	mg/kg dry	100	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**15.1**	0.526	mg/kg dry	100	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**25.5**	2.11	mg/kg dry	100	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**11.4**	1.05	mg/kg dry	100	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.1 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*70.6 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.94**	1.05	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**2150**	132	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**5370**	132	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**798**	132	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**8310**	132	mg/kg dry	5	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**60.0**	4.60	mg/kg	100	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	**35.0**	3.00	mg/kg	100	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (2'-3')

8L01001-64 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**15.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.4	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**48.9**	29.4	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*142 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**48.9**	29.4	mg/kg dry	1	[CALC]	12/04/18	12/04/18	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (0'-1')

8L01001-70 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.561**	0.266	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**40.8**	2.66	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**36.9**	1.33	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**69.7**	5.32	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**32.0**	2.66	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*92.7 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*82.2 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.50**	1.06	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**8000**	266	mg/kg dry	10	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**19500**	266	mg/kg dry	10	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**2930**	266	mg/kg dry	10	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*118 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**30400**	266	mg/kg dry	10	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**169**	11.5	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	**95.6**	7.50	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (1'-2')

8L01001-71 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.369**	0.258	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**31.1**	2.58	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**33.0**	1.29	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**55.5**	5.15	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**23.1**	2.58	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*72.0 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*91.4 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.03	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**4180**	129	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**9060**	129	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**1460**	129	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**14700**	129	mg/kg dry	5	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**139**	11.5	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	**76.2**	7.50	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-8 (2'-3')

8L01001-72 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.258	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**14.4**	2.58	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**22.2**	1.29	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**42.6**	5.15	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**17.2**	2.58	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*76.9 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*68.7 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**3.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**3760**	129	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**8370**	129	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**1380**	129	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.5 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.9 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**13500**	129	mg/kg dry	5	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**93.4**	11.5	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	**57.9**	7.50	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (3'-4')

8L01001-73 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**2.57**	0.269	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**53.1**	2.69	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**44.1**	1.34	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**90.4**	5.38	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**56.0**	2.69	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*83.0 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**7480**	269	mg/kg dry	10	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**14000**	269	mg/kg dry	10	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**2370**	269	mg/kg dry	10	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.4 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**23800**	269	mg/kg dry	10	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**229**	11.5	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	**136**	7.50	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-8 (4'-6')

8L01001-74 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.281	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**8.33**	2.81	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**7.94**	1.40	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**27.0**	5.62	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**10.1**	2.81	mg/kg dry	250	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*69.8 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*81.0 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**11.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1980**	140	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**5250**	140	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**795**	140	mg/kg dry	5	P8L0507	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P8L0507*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**8030**	140	mg/kg dry	5	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	**33.0**	7.50	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	
Total BTEX	**47.5**	11.5	mg/kg	250	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (6'-8')

8L01001-75 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**6.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**29.8**	26.6	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**29.8**	26.6	mg/kg dry	1	[CALC]	12/04/18	12/04/18	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6 (0'-1')

8L01001-78 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**10.6**	0.225	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	**70.7**	2.25	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	**57.0**	1.12	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	**78.8**	4.49	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	**49.4**	2.25	mg/kg dry	200	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*87.9 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*67.0 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**701**	1.12	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**7460**	281	mg/kg dry	10	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**25100**	281	mg/kg dry	10	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**3840**	281	mg/kg dry	10	P8L0504	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.0 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**36400**	281	mg/kg dry	10	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	**237**	9.20	mg/kg	200	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	**114**	6.00	mg/kg	200	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6 (1'-2')

8L01001-79 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.5 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.79**	1.02	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**263**	25.5	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C28-C35	**58.4**	25.5	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**322**	25.5	mg/kg dry	1	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-5 (0'-1')

8L01001-86 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0217	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	ND	0.217	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	ND	0.109	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	ND	0.435	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	ND	0.217	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.8 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**171**	1.09	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C12-C28	**33.6**	27.2	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P8L0504	12/04/18	12/04/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*123 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*135 %*	*70-130*		*P8L0504*	*12/04/18*	*12/04/18*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**33.6**	27.2	mg/kg dry	1	[CALC]	12/04/18	12/04/18	calc	
BTEX by 8021B									
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-5 (1'-2')

8L01001-87 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0200	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Toluene	ND	0.200	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Ethylbenzene	ND	0.100	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (p/m)	ND	0.400	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Xylene (o)	ND	0.200	mg/kg dry	20	P8L0411	12/04/18	12/05/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.4 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.7 %*	*75-125*		*P8L0411*	*12/04/18*	*12/05/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.1**	1.00	mg/kg dry	1	P8L0709	12/07/18	12/08/18	EPA 300.0	
% Moisture	ND	0.1	%	1	P8L0410	12/04/18	12/04/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P8L0509	12/04/18	12/05/18	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P8L0509	12/04/18	12/05/18	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P8L0509	12/04/18	12/05/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P8L0509*	*12/04/18*	*12/05/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P8L0509*	*12/04/18*	*12/05/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	12/04/18	12/05/18	calc	
BTEX by 8021B									
Total BTEX	ND	0.920	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	
Xylenes (total)	ND	0.600	mg/kg	20	[CALC]	12/04/18	12/05/18	EPA 8021B	

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0403 - General Preparation (GC)										
Blank (P8L0403-BLK1)				Prepared & Analyzed: 12/04/18						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.0100	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.0200	"							
Xylene (o)	ND	0.0100	"							
Surrogate: 1,4-Difluorobenzene	*0.0509*		"	*0.0600*		*84.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0568*		"	*0.0600*		*94.6*	*75-125*			
LCS (P8L0403-BS1)				Prepared & Analyzed: 12/04/18						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	70-130			
Toluene	0.116	0.0100	"	0.100		116	70-130			
Ethylbenzene	0.109	0.00500	"	0.100		109	70-130			
Xylene (p/m)	0.230	0.0200	"	0.200		115	70-130			
Xylene (o)	0.119	0.0100	"	0.100		119	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0619*		"	*0.0600*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0622*		"	*0.0600*		*104*	*75-125*			
LCS Dup (P8L0403-BSD1)				Prepared & Analyzed: 12/04/18						
Benzene	0.117	0.00100	mg/kg wet	0.100		117	70-130	1.16	20	
Toluene	0.113	0.0100	"	0.100		113	70-130	2.68	20	
Ethylbenzene	0.114	0.00500	"	0.100		114	70-130	4.82	20	
Xylene (p/m)	0.231	0.0200	"	0.200		116	70-130	0.407	20	
Xylene (o)	0.119	0.0100	"	0.100		119	70-130	0.378	20	
Surrogate: 1,4-Difluorobenzene	*0.0590*		"	*0.0600*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0602*		"	*0.0600*		*100*	*75-125*			
Matrix Spike (P8L0403-MS1)	**Source: 8K30008-17**			Prepared & Analyzed: 12/04/18						
Benzene	0.0926	0.00106	mg/kg dry	0.106	ND	87.0	80-120			
Toluene	0.0895	0.0106	"	0.106	ND	84.2	80-120			
Ethylbenzene	0.116	0.00532	"	0.106	ND	109	80-120			
Xylene (p/m)	0.181	0.0213	"	0.213	ND	84.9	80-120			
Xylene (o)	0.0888	0.0106	"	0.106	ND	83.5	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0675*		"	*0.0638*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0686*		"	*0.0638*		*108*	*75-125*			

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Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0403 - General Preparation (GC)										
Matrix Spike Dup (P8L0403-MSD1)	**Source: 8K30008-17**			Prepared & Analyzed: 12/04/18						
Benzene	0.107	0.00106	mg/kg dry	0.106	ND	100	80-120	14.2	20	
Toluene	0.103	0.0106	"	0.106	ND	97.0	80-120	14.2	20	
Ethylbenzene	0.115	0.00532	"	0.106	ND	108	80-120	0.286	20	
Xylene (p/m)	0.198	0.0213	"	0.213	ND	93.2	80-120	9.34	20	
Xylene (o)	0.112	0.0106	"	0.106	ND	106	80-120	23.5	20	R3
Surrogate: 1,4-Difluorobenzene	*0.0657*		*"*	*0.0638*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0655*		*"*	*0.0638*		*103*	*75-125*			
Batch P8L0411 - General Preparation (GC)										
Blank (P8L0411-BLK1)				Prepared: 12/04/18 Analyzed: 12/05/18						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.0100	"							
Ethylbenzene	ND	0.00500	"							
Xylene (p/m)	ND	0.0200	"							
Xylene (o)	ND	0.0100	"							
Surrogate: 4-Bromofluorobenzene	*0.0558*		*"*	*0.0600*		*93.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0532*		*"*	*0.0600*		*88.7*	*75-125*			
LCS (P8L0411-BS1)				Prepared: 12/04/18 Analyzed: 12/05/18						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130			
Toluene	0.102	0.0100	"	0.100		102	70-130			
Ethylbenzene	0.111	0.00500	"	0.100		111	70-130			
Xylene (p/m)	0.194	0.0200	"	0.200		96.9	70-130			
Xylene (o)	0.111	0.0100	"	0.100		111	70-130			
Surrogate: 1,4-Difluorobenzene	*0.0594*		*"*	*0.0600*		*99.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0589*		*"*	*0.0600*		*98.1*	*75-125*			

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0411 - General Preparation (GC)										
LCS Dup (P8L0411-BSD1)				Prepared: 12/04/18 Analyzed: 12/05/18						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130	4.58	20	
Toluene	0.0960	0.0100	"	0.100		96.0	70-130	5.76	20	
Ethylbenzene	0.114	0.00500	"	0.100		114	70-130	2.82	20	
Xylene (p/m)	0.186	0.0200	"	0.200		92.8	70-130	4.34	20	
Xylene (o)	0.118	0.0100	"	0.100		118	70-130	5.68	20	
Surrogate: 4-Bromofluorobenzene	*0.0618*		"	*0.0600*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0606*		"	*0.0600*		*101*	*75-125*			
Matrix Spike (P8L0411-MS1)		**Source: 8L04002-01**		Prepared: 12/04/18 Analyzed: 12/05/18						
Benzene	0.0156	0.00101	mg/kg dry	0.101	0.00397	11.5	80-120			QM-07
Toluene	0.0406	0.0101	"	0.101	0.0349	5.66	80-120			QM-07
Ethylbenzene	0.0118	0.00505	"	0.101	0.00315	8.59	80-120			QM-07
Xylene (p/m)	0.0269	0.0202	"	0.202	0.00891	8.93	80-120			QM-07
Xylene (o)	0.0130	0.0101	"	0.101	0.00409	8.81	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.0627*		"	*0.0606*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0544*		"	*0.0606*		*89.8*	*75-125*			
Matrix Spike Dup (P8L0411-MSD1)		**Source: 8L04002-01**		Prepared: 12/04/18 Analyzed: 12/05/18						
Benzene	0.0247	0.00101	mg/kg dry	0.101	0.00397	20.5	80-120	56.5	20	QM-07
Toluene	0.0439	0.0101	"	0.101	0.0349	8.93	80-120	44.8	20	QM-07
Ethylbenzene	0.0212	0.00505	"	0.101	0.00315	17.9	80-120	70.2	20	QM-07
Xylene (p/m)	0.0462	0.0202	"	0.202	0.00891	18.5	80-120	69.6	20	QM-07
Xylene (o)	0.0178	0.0101	"	0.101	0.00409	13.6	80-120	42.6	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.0596*		"	*0.0606*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0648*		"	*0.0606*		*107*	*75-125*			

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0410 - * DEFAULT PREP *** **										
Blank (P8L0410-BLK1)				Prepared & Analyzed: 12/04/18						
% Moisture	ND	0.1	%							
Duplicate (P8L0410-DUP1)		**Source: 8L01001-20**		Prepared & Analyzed: 12/04/18						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P8L0410-DUP2)		**Source: 8L01001-47**		Prepared & Analyzed: 12/04/18						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P8L0410-DUP3)		**Source: 8L01001-74**		Prepared & Analyzed: 12/04/18						
% Moisture	13.0	0.1	%		11.0			16.7	20	
Duplicate (P8L0410-DUP4)		**Source: 8L01005-04**		Prepared & Analyzed: 12/04/18						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P8L0410-DUP5)		**Source: 8L01009-02**		Prepared & Analyzed: 12/04/18						
% Moisture	6.0	0.1	%		9.0			40.0	20	
Duplicate (P8L0410-DUP6)		**Source: 8L01009-14**		Prepared & Analyzed: 12/04/18						
% Moisture	15.0	0.1	%		15.0			0.00	20	
Batch P8L0707 - * DEFAULT PREP *** **										
Blank (P8L0707-BLK1)				Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	ND	1.00	mg/kg wet							
LCS (P8L0707-BS1)				Prepared & Analyzed: 12/07/18						
Chloride	393	1.00	mg/kg wet	400		98.2	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0707 - * DEFAULT PREP *** **										
LCS Dup (P8L0707-BSD1)				Prepared & Analyzed: 12/07/18						
Chloride	397	1.00	mg/kg wet	400		99.2	80-120	0.980	20	
Duplicate (P8L0707-DUP1)		**Source: 8K29013-06**		Prepared & Analyzed: 12/07/18						
Chloride	16.8	1.03	mg/kg dry		15.3			9.49	20	
Duplicate (P8L0707-DUP2)		**Source: 8K30006-08**		Prepared & Analyzed: 12/07/18						
Chloride	2210	12.0	mg/kg dry		2220			0.381	20	
Matrix Spike (P8L0707-MS1)		**Source: 8K29013-06**		Prepared & Analyzed: 12/07/18						
Chloride	512	1.03	mg/kg dry	515	15.3	96.4	80-120			
Batch P8L0709 - * DEFAULT PREP *** **										
Blank (P8L0709-BLK1)				Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	ND	1.00	mg/kg wet							
LCS (P8L0709-BS1)				Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	392	1.00	mg/kg wet	400		98.1	80-120			
LCS Dup (P8L0709-BSD1)				Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	400	1.00	mg/kg wet	400		100	80-120	1.92	20	
Duplicate (P8L0709-DUP1)		**Source: 8L01001-30**		Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	1260	5.26	mg/kg dry		1290			2.57	20	
Duplicate (P8L0709-DUP2)		**Source: 8L01001-70**		Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	4.91	1.06	mg/kg dry		5.50			11.2	20	

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Midland TX, 79710	Project Manager: Mark Larson	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0709 - * DEFAULT PREP *** **										
Matrix Spike (P8L0709-MS1)	**Source: 8L01001-30**			Prepared: 12/07/18 Analyzed: 12/08/18						
Chloride	2280	5.26	mg/kg dry	1050	1290	93.7	80-120			

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Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0405 - TX 1005										
Blank (P8L0405-BLK1)				Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*67.9*		*"*	*50.0*		*136*	*70-130*			*S-GC*
LCS (P8L0405-BS1)				Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	1110	25.0	mg/kg wet	1000		111	75-125			
>C12-C28	1200	25.0	"	1000		120	75-125			
Surrogate: 1-Chlorooctane	*127*		*"*	*100*		*127*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*50.0*		*114*	*70-130*			
LCS Dup (P8L0405-BSD1)				Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125	4.56	20	
>C12-C28	1130	25.0	"	1000		113	75-125	5.87	20	
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*61.2*		*"*	*50.0*		*122*	*70-130*			
Duplicate (P8L0405-DUP1)	**Source: 8L01001-50**			Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	16.9	26.6	mg/kg dry		17.6			4.06	20	
>C12-C28	30.5	26.6	"		132			125	20	
Surrogate: 1-Chlorooctane	*105*		*"*	*106*		*98.6*	*70-130*			
Surrogate: o-Terphenyl	*62.9*		*"*	*53.2*		*118*	*70-130*			
Batch P8L0406 - TX 1005										
Blank (P8L0406-BLK1)				Prepared & Analyzed: 12/03/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*58.5*		*"*	*50.0*		*117*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0406 - TX 1005										
LCS (P8L0406-BS1)				Prepared & Analyzed: 12/03/18						
C6-C12	859	25.0	mg/kg wet	1000		85.9	75-125			
>C12-C28	1110	25.0	"	1000		111	75-125			
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*50.4*		*"*	*50.0*		*101*	*70-130*			
LCS Dup (P8L0406-BSD1)				Prepared & Analyzed: 12/03/18						
C6-C12	840	25.0	mg/kg wet	1000		84.0	75-125	2.26	20	
>C12-C28	1090	25.0	"	1000		109	75-125	1.66	20	
Surrogate: 1-Chlorooctane	*127*		*"*	*100*		*127*	*70-130*			
Surrogate: o-Terphenyl	*56.5*		*"*	*50.0*		*113*	*70-130*			
Duplicate (P8L0406-DUP1)	**Source: 8L01001-01**			Prepared & Analyzed: 12/03/18						
C6-C12	14.9	28.1	mg/kg dry		25.8			53.4	20	
>C12-C28	86.6	28.1	"		301			111	20	
Surrogate: 1-Chlorooctane	*125*		*"*	*112*		*111*	*70-130*			
Surrogate: o-Terphenyl	*67.2*		*"*	*56.2*		*120*	*70-130*			
Batch P8L0407 - TX 1005										
Blank (P8L0407-BLK1)				Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*62.8*		*"*	*50.0*		*126*	*70-130*			
LCS (P8L0407-BS1)				Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	860	25.0	mg/kg wet	1000		86.0	75-125			
>C12-C28	1130	25.0	"	1000		113	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*63.7*		*"*	*50.0*		*127*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0407 - TX 1005										
LCS Dup (P8L0407-BSD1)				Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	863	25.0	mg/kg wet	1000		86.3	75-125	0.315	20	
>C12-C28	1140	25.0	"	1000		114	75-125	0.495	20	
Surrogate: 1-Chlorooctane	*129*		*"*	*100*		*129*	*70-130*			
Surrogate: o-Terphenyl	*58.3*		*"*	*50.0*		*117*	*70-130*			
Duplicate (P8L0407-DUP1)	**Source: 8L01001-30**			Prepared: 12/03/18 Analyzed: 12/04/18						
C6-C12	13900	263	mg/kg dry		13900			0.138	20	
>C12-C28	39700	263	"		38300			3.62	20	
Surrogate: 1-Chlorooctane	*130*		*"*	*105*		*124*	*70-130*			
Surrogate: o-Terphenyl	*43.2*		*"*	*52.6*		*82.0*	*70-130*			
Batch P8L0504 - TX 1005										
Blank (P8L0504-BLK1)				Prepared & Analyzed: 12/04/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*59.3*		*"*	*50.0*		*119*	*70-130*			
LCS (P8L0504-BS1)				Prepared & Analyzed: 12/04/18						
C6-C12	877	25.0	mg/kg wet	1000		87.7	75-125			
>C12-C28	1120	25.0	"	1000		112	75-125			
Surrogate: 1-Chlorooctane	*129*		*"*	*100*		*129*	*70-130*			
Surrogate: o-Terphenyl	*51.1*		*"*	*50.0*		*102*	*70-130*			
LCS Dup (P8L0504-BSD1)				Prepared & Analyzed: 12/04/18						
C6-C12	816	25.0	mg/kg wet	1000		81.6	75-125	7.18	20	
>C12-C28	1100	25.0	"	1000		110	75-125	1.60	20	
Surrogate: 1-Chlorooctane	*128*		*"*	*100*		*128*	*70-130*			
Surrogate: o-Terphenyl	*51.0*		*"*	*50.0*		*102*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0504 - TX 1005										
Duplicate (P8L0504-DUP1)	**Source: 8L01001-86**			Prepared & Analyzed: 12/04/18						
C6-C12	17.2	27.2	mg/kg dry		21.6			22.3	20	
>C12-C28	29.6	27.2	"		33.6			12.8	20	
Surrogate: 1-Chlorooctane	*135*		*"*	*109*		*124*	*70-130*			
Surrogate: o-Terphenyl	*74.3*		*"*	*54.3*		*137*	*70-130*			
Batch P8L0507 - TX 1005										
Blank (P8L0507-BLK1)				Prepared & Analyzed: 12/04/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*63.0*		*"*	*50.0*		*126*	*70-130*			
LCS (P8L0507-BS1)				Prepared & Analyzed: 12/04/18						
C6-C12	926	25.0	mg/kg wet	1000		92.6	75-125			
>C12-C28	1090	25.0	"	1000		109	75-125			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*51.8*		*"*	*50.0*		*104*	*70-130*			
LCS Dup (P8L0507-BSD1)				Prepared & Analyzed: 12/04/18						
C6-C12	976	25.0	mg/kg wet	1000		97.6	75-125	5.34	20	
>C12-C28	1150	25.0	"	1000		115	75-125	5.85	20	
Surrogate: 1-Chlorooctane	*126*		*"*	*100*		*126*	*70-130*			
Surrogate: o-Terphenyl	*58.4*		*"*	*50.0*		*117*	*70-130*			
Duplicate (P8L0507-DUP1)	**Source: 8L01001-74**			Prepared & Analyzed: 12/04/18						
C6-C12	1970	140	mg/kg dry		1980			0.700	20	
>C12-C28	5080	140	"		5250			3.23	20	
Surrogate: 1-Chlorooctane	*112*		*"*	*112*		*100*	*70-130*			
Surrogate: o-Terphenyl	*57.7*		*"*	*56.2*		*103*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P8L0509 - TX 1005										
Blank (P8L0509-BLK1)				Prepared: 12/04/18 Analyzed: 12/05/18						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*57.7*		*"*	*50.0*		*115*	*70-130*			
LCS (P8L0509-BS1)				Prepared & Analyzed: 12/04/18						
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125			
>C12-C28	1100	25.0	"	1000		110	75-125			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*53.9*		*"*	*50.0*		*108*	*70-130*			
LCS Dup (P8L0509-BSD1)				Prepared: 12/04/18 Analyzed: 12/05/18						
C6-C12	985	25.0	mg/kg wet	1000		98.5	75-125	4.64	20	
>C12-C28	1090	25.0	"	1000		109	75-125	0.756	20	
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*52.6*		*"*	*50.0*		*105*	*70-130*			
Duplicate (P8L0509-DUP1)		**Source: 8L01009-07**		Prepared: 12/04/18 Analyzed: 12/05/18						
C6-C12	16.8	27.8	mg/kg dry		21.9			26.0	20	
>C12-C28	179	27.8	"		241			29.7	20	
Surrogate: 1-Chlorooctane	*123*		*"*	*111*		*110*	*70-130*			
Surrogate: o-Terphenyl	*68.6*		*"*	*55.6*		*123*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/14/2018

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/18 PAGE 1 OF 7

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Lea Unit #8D (Legac

LAI PROJECT #: 18-0138-03 COLLECTOR: KO/DS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

SL01001

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☒ ☑ ORO | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐ | M300 ☒

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESERVED	BTEX	TRPH	GASOLINE	DIESEL	OIL	VOC	SVOC	8081	8082	TBLP	TCLP	TOTAL METALS	LEAD	RCI	TDS	pH	EXPLOSIVES	CHLORIDE	M300	FIELD NOTES
DP-11 (0'-1')		11/28/18	14:18	S	1				X		X	X	X	X														X		Analyze
(1'-2')			14:21																											Chloride
(2'-3')			14:25																											until delineation
(3'-4')			14:27																											limit is
(4'-6')			14:31																											reached
(6'-8')			14:36																											(600 mg/kg)
(8'-10')			14:39																											
(10'-11')		"	14:44	"																										Analyze
DP-9 (0'-1')		11/28/18	14:50	S					X		X	X	X	X																TPH
(1'-2')			14:54																											until delineation
(2'-3')			15:01																											limit is
(3'-4')			15:04																											reached
(4'-6')			15:06																											(2,500 mg/kg)
(6'-8')			15:08																											
(8'-10')		"	15:11	"	"																									
TOTAL																														

RELINQUISHED BY:(Signature) Jennifer DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11-30-18 1:30 RECEIVED BY: (Signature) Carolyn Bean

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 12-2.2 THERM#: 11
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/20/2026 9:35:52 AM

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Nº 0465

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/2018 PAGE 2 OF 7

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Lea Unit # 8D (Legacy

LAI PROJECT #: 18-0138-03 COLLECTOR: KO/DS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 | NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ | TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | ORO ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TBLP - METALS (RCRA) ☐ | TCLP VOC ☐ | TCLP - PEST ☐ | HERB ☐ | SemI-VOC ☐ | TOTAL METALS (RCRA) ☐ | OTHER LIST ☐ | LEAD - TOTAL ☐ | D.W. 200.8 ☐ | TCLP ☐ | RCI ☐ | TOX ☐ | FLASHPOINT ☐ | TDS ☐ | TSS ☐ | % MOISTURE ☐ | CYANIDE ☐ | pH ☐ | HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ | PECHLORATE ☐ | CHLORIDE ☒ | ANIONS ☐ | ALKALINITY ☐ | M300 ☒

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4	NaOH	ICE	UNPRESSERVED	FIELD NOTES
DP-9 (10'-11')		11/28/2018	15:13	S	1					X		Analyze
DP-10 (0'-1')		11/28/2018	15:16	S						X		Chloride
(1'-2')		"	15:17	"								until
(2'-3')			15:20									delineation
(3'-4')			15:22									limit is
(4'-6')		—	15:24	—						—		reached
DP-12 (0'-1')		11/28/18	15:26	S						X		(600 mg/kg)
(1'-2')			15:28									
(2'-3')			15:30									Analyze
(3'-4')			15:32									TPH
(4'-6')			15:34									until
(6-8')			15:37									delineation
(8-10')			15:40									limit is
(10'-12')		—	15:43	—						—		reached
DP-7 (0'-1')		11/29/18	11:13	S	—					X		(2,500 mg/kg)
TOTAL												

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature) Celina Bevon

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2-2.2 THERM#: L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ☐ HAND DELIVERED

Received by OCD: 5/26/2026 9:33:53 AM

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CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/2018 PAGE 3 OF 7

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Legacy Lea Unit 8D

LAI PROJECT #: 18-0138-03 COLLECTOR: KO/DS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒ ORO ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	M 300	FIELD NOTES
DP-7 (1'-2')		11/29/18	11:15	S	1				X		X		X	X	X														X		Analyze
(2'-3')		11/29/18	11:17																												Chloride
(3'-4')			11:18																												until
(4'-6')			11:20																												delineation
(6'-8')			11:22																												limit is
(8'-10')			11:24																												reached
~~(10'-12')~~																															(600 mg/kg)
(10-11')		11/29/18	11:26	S	1				X																						
DP-4 (0'-1')		11/29/18	11:27	S					X		X																				Analyze
(1'-2')			11:28																												~~Chloride~~ TPH
(2'-3')			11:29																												until
(3'-4')			11:31																												delineation
(4'-6')			11:32																												limit is
(6'-8')			11:35																												reached
(8'-10')			11:36																												(2500 mg/kg)
TOTAL																															

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 11-30-18/1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11-30-18/1:30 RECEIVED BY: (Signature) Carolyn Bush

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2-2.2 THERM#: L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ☐ HAND DELIVERED

Received by OCD: 5/26/2026 9:33:52 AM

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№ 0467

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/18 PAGE 4 OF 7

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Legacy ~~Unit~~ Lea Unit 8D

LAI PROJECT #: 18-0138-03 COLLECTOR: KOLDS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	M 300	FIELD NOTES
DP-4 (10'-12')		11/29/18	11:38	S	1				X			X	X	X																X		Analyze
DP-2 (0'-1')		11/29/18	12:20	S					X		X																						Chloride
(1'-2')			12:22																														until
(2'-3')			12:24																														delineation
(3'-4')			12:27																														limit is
(4'-6')			12:29																														reached
(6'-8')			12:32																														(600 mg/kg)
(8'-10')			12:35																														
(10'-12')			12:38																														Analyze
DP-1 (0'-1')		11/29/18	12:55	S					X		X																						TPH
(1'-2')		11/29/18	12:57																														until
(2'-3')			13:00																														delineation
(3'-4')			13:01																														limit is
(4'-6')			13:03																														reached
(6'-8')			13:06																														(2,500 mg/kg)
TOTAL																																	

RELINQUISHED BY:(Signature) DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 12-2.2 THERM#: L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 5/26/2026 9:33:53 AM

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Page 726 of 869

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/2018 PAGE 5 OF 7

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Legacy Lea Unit 8D

LAI PROJECT #: 18-0138-[redacted]03 COLLECTOR: KO/DS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☑ | DRO ☑ | DIESEL - MOD 8015 ☑ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☑ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
DP-1 (8'-10')		11/29/18	13:08	S	1				X		X X X ... X	Analyze Chloride until delineation limit is reached (600 mg/kg)
(10'-11')		〃	13:09	〃	〃				〃			
DP-3 (0'-1')		11/29/18	13:10	S	〃				X	X		
(1'-2')			13:11									
(2'-3')			13:12									
(3'-4')			13:14									
(4'-6')			13:15									
(6'-8')			13:16									
(8'-10')			13:17									Analyze TPH until delineation limit is reached (2,500 mg/kg)
(10'-11')		〃	13:18	〃	〃				〃			
DP-8 (0'-1')		11/29/18	14:18	S	〃				X	X		
(1'-2')			14:20									
(2'-3')			14:21									
(3'-4')			14:23									
(4'-6')		〃	14:25	〃	〃				〃			
TOTAL												

RELINQUISHED BY:(Signature) [signature] DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11-30-18 1:30 RECEIVED BY: (Signature) Caitlin Bemer

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2-2.2 THERM#: L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/26/2026 9:33:53 AM

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№ 0469

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/2018 PAGE 6 OF 7

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Legacy Lea Unit 8D

LAI PROJECT #: 18-0138-03 COLLECTOR: KO/DS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX ☐ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☑ OR6 ☑ | OIL - MOD 8015 ☑ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP VOC ☐ | TCLP - METALS (RCRA) ☐ | TCLP - PEST ☐ HERB ☐ | Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ | OTHER LIST ☐ | LEAD - TOTAL ☐ | D.W. 200.8 ☐ | TCLP ☐ | RCI ☐ TOX ☐ | FLASHPOINT ☐ | TDS ☐ TSS ☐ | % MOISTURE ☐ | HEXAVALENT CHROMIUM ☐ | CYANIDE ☐ | pH ☐ | EXPLOSIVES ☐ | PECHLORATE ☐ | CHLORIDE ☒ ANIONS ☐ | ALKALINITY ☐ | M 300.0

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	FIELD NOTES
DP-8 (6'-8')		11/29/18	14:26	S	1				X		Analyze Chloride until delineation limits reached (600 mg/kg)
(8'-10')			14:32								
(10'-12')			14:34								
DP-6 (0'-1')			14:50							X	
(1'-2')			14:52								
(2'-3')			14:54								
(3-4')			14:56								
(4'-6')			14:58								
(6-8')			15:00								Analyze TPH until delineation limits reached (2,500 mg/kg)
(8'-10')			15:02								
(10'-11')			15:04								
DP-5 (0'-1')			15:07							X	
(1'-2')			15:08								
(2'-3')			15:09								
(3'-4')			15:10								
TOTAL											

RELINQUISHED BY:(Signature) Rachel Owen DATE/TIME 11.30.18/1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11-30-18/1:30 RECEIVED BY: (Signature) Cassie Sellman

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2-2.2 THERM#: 21
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/26/2020 9:33:53 AM

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№ 0470

CHAIN-OF-CUSTOD

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 11/30/2018 PAGE 7 OF 7

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Legacy ~~Ltd~~ Lea Unit 8D

LAI PROJECT #: 18-0138-03 COLLECTOR: KORDS

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☑ | DIESEL - MOD 8015 ☑ | OIL - MOD 8015 ☑ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☑ ANIONS ☐ ALKALINITY ☐ | M 300

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☑	DIESEL - MOD 8015 ☑	OIL - MOD 8015 ☑	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☑ ANIONS ☐ ALKALINITY ☐	M 300	FIELD NOTES
DP-5 (4'-6')		11/29/18	15:12	S	1				X			X	X	X														X				Analyze Chloride until Delineation limit is reached (600 mg/kg)
(6'-8')		1	15:14	1	1				1			1	1	1														X				
																																Analyze TPH until Delineation limit is reached (2,500 mg/kg)
TOTAL																																

RELINQUISHED BY:(Signature) Rhu Olsen DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 11/30/18 1:30 RECEIVED BY: (Signature) Caden Barron

LABDRATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2-2.2 THERM#: 1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ☐ HAND DELIVERED

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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Revised Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Lea Unit #8D (Legacy)

Project Number: 18-0138-03

Location:

Lab Order Number: 9A23003

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-18-9

Report Date: 03/01/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-12.1 (3.5')	9A23003-01	Soil	01/22/19 13:36	01-23-2019 08:42
DP-12.2 (3.5')	9A23003-02	Soil	01/22/19 13:38	01-23-2019 08:42
DP-12.3 (3.5')	9A23003-03	Soil	01/22/19 13:39	01-23-2019 08:42
DP-12.4 (3.5')	9A23003-04	Soil	01/22/19 13:40	01-23-2019 08:42
DP-12.5 (7')	9A23003-05	Soil	01/22/19 13:41	01-23-2019 08:42
DP-8.1 (3.5')	9A23003-06	Soil	01/22/19 13:50	01-23-2019 08:42
DP-8.2 (3.5')	9A23003-07	Soil	01/22/19 13:51	01-23-2019 08:42
DP-8.3 (3.5')	9A23003-08	Soil	01/22/19 13:52	01-23-2019 08:42
DP-8.4 (3.5')	9A23003-09	Soil	01/22/19 13:54	01-23-2019 08:42
DP-8.5 (7')	9A23003-10	Soil	01/22/19 13:56	01-23-2019 08:42
DP-4.1 (0.75')	9A23003-11	Soil	01/22/19 14:08	01-23-2019 08:42
DP-4.2 (0.75')	9A23003-12	Soil	01/22/19 14:09	01-23-2019 08:42
DP-4.3 (0.75)	9A23003-13	Soil	01/22/19 14:10	01-23-2019 08:42
DP-4.4 (0.75')	9A23003-14	Soil	01/22/19 14:11	01-23-2019 08:42
DP-4.5 (1.5')	9A23003-15	Soil	01/22/19 14:12	01-23-2019 08:42
DP-2.1 (3')	9A23003-16	Soil	01/22/19 14:19	01-23-2019 08:42
DP-2.2 (3')	9A23003-17	Soil	01/22/19 14:20	01-23-2019 08:42
DP-2.3 (3')	9A23003-18	Soil	01/22/19 14:21	01-23-2019 08:42
DP-2.4 (3')	9A23003-19	Soil	01/22/19 14:22	01-23-2019 08:42
DP-2.5 (6')	9A23003-20	Soil	01/22/19 14:25	01-23-2019 08:42
DP-9.1 (1.5')	9A23003-21	Soil	01/22/19 14:59	01-23-2019 08:42
DP-9.2 (1.5')	9A23003-22	Soil	01/22/19 15:01	01-23-2019 08:42
DP-9.3 (1.5')	9A23003-23	Soil	01/22/19 15:02	01-23-2019 08:42
DP-9.4 (1.5')	9A23003-24	Soil	01/22/19 15:03	01-23-2019 08:42
DP-9.5 (3')	9A23003-25	Soil	01/22/19 15:09	01-23-2019 08:42
DP-3.1 (2')	9A23003-26	Soil	01/22/19 15:39	01-23-2019 08:42
DP-3.2 (2')	9A23003-27	Soil	01/22/19 15:40	01-23-2019 08:42
DP-3.3 (2')	9A23003-28	Soil	01/22/19 15:41	01-23-2019 08:42
DP-3.4 (2')	9A23003-29	Soil	01/22/19 15:43	01-23-2019 08:42
DP-3.5 (4')	9A23003-30	Soil	01/22/19 15:45	01-23-2019 08:42
DP-7.1 (0.75')	9A23003-31	Soil	01/22/19 15:22	01-23-2019 08:42
DP-7.2 (0.75')	9A23003-32	Soil	01/22/19 15:24	01-23-2019 08:42
DP-7.3 (0.75')	9A23003-33	Soil	01/22/19 15:26	01-23-2019 08:42
DP-7.4 (0.75')	9A23003-34	Soil	01/22/19 15:27	01-23-2019 08:42

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-7.5 (1.5')	9A23003-35	Soil	01/22/19 15:30	01-23-2019 08:42
DP-6.1 (1')	9A23003-36	Soil	01/22/19 15:33	01-23-2019 08:42
DP-6.2 (1')	9A23003-37	Soil	01/22/19 15:34	01-23-2019 08:42
DP-6.3 (1')	9A23003-38	Soil	01/22/19 15:35	01-23-2019 08:42
DP-6.4 (1')	9A23003-39	Soil	01/22/19 15:36	01-23-2019 08:42
DP-6.5 (2')	9A23003-40	Soil	01/22/19 15:37	01-23-2019 08:42

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12.1 (3.5')

9A23003-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0200	mg/kg dry	20	P9A2307	01/23/19	01/29/19	EPA 8021B	
Toluene	ND	0.0200	mg/kg dry	20	P9A2307	01/23/19	01/29/19	EPA 8021B	
Ethylbenzene	ND	0.0200	mg/kg dry	20	P9A2307	01/23/19	01/29/19	EPA 8021B	
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P9A2307	01/23/19	01/29/19	EPA 8021B	
Xylene (o)	ND	0.0200	mg/kg dry	20	P9A2307	01/23/19	01/29/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.3 %*	*75-125*		*P9A2307*	*01/23/19*	*01/29/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*91.5 %*	*75-125*		*P9A2307*	*01/23/19*	*01/29/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2405	01/23/19	01/24/19	TPH 8015M	
>C12-C28	**149**	25.0	mg/kg dry	1	P9A2405	01/23/19	01/24/19	TPH 8015M	
>C28-C35	**49.3**	25.0	mg/kg dry	1	P9A2405	01/23/19	01/24/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.2 %*	*70-130*		*P9A2405*	*01/23/19*	*01/24/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P9A2405*	*01/23/19*	*01/24/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**199**	25.0	mg/kg dry	1	[CALC]	01/23/19	01/24/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12.2 (3.5')

9A23003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*88.0 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.01	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2407	01/24/19	01/24/19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P9A2407	01/24/19	01/24/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2407	01/24/19	01/24/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P9A2407*	*01/24/19*	*01/24/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P9A2407*	*01/24/19*	*01/24/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/24/19	01/24/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12.3 (3.5')

9A23003-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.03**	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/24/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/24/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/24/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P9A2407*	*01/24/19*	*01/24/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*127 %*	*70-130*		*P9A2407*	*01/24/19*	*01/24/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/24/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12.4 (3.5')

9A23003-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.57**	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-12.5 (7')

9A23003-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	**0.00978**	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	**0.0526**	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	**0.0971**	0.00204	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	**0.0809**	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*79.7 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*73.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	*S-09*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.84**	1.02	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**37.1**	25.5	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**380**	25.5	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**52.6**	25.5	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**470**	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8.1 (3.5')

9A23003-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	**0.00206**	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	**0.00127**	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	**0.00442**	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	**0.00196**	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*82.6 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.83**	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**32.5**	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*127 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*141 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	*S-09*
Total Petroleum Hydrocarbon C6-C35	**32.5**	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8.2 (3.5')

9A23003-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	**0.0255**	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	**0.0166**	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	**0.0398**	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	**0.0178**	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.08**	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**96.5**	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**2410**	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**307**	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*126 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*133 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	*S-09*
Total Petroleum Hydrocarbon C6-C35	**2810**	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8.3 (3.5')

9A23003-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.5 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*87.5 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8.4 (3.5')

9A23003-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*86.6 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.14**	1.02	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2407	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P9A2407*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8.5 (7')

9A23003-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00378**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	**0.171**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	**0.108**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	**0.232**	0.00202	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	**0.148**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*64.4 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**60.1**	1.01	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**124**	25.3	mg/kg dry	1	P9A2408	01/24/19	01/24/19	TPH 8015M	
>C12-C28	**2720**	25.3	mg/kg dry	1	P9A2408	01/24/19	01/24/19	TPH 8015M	
>C28-C35	**459**	25.3	mg/kg dry	1	P9A2408	01/24/19	01/24/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P9A2408*	*01/24/19*	*01/24/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P9A2408*	*01/24/19*	*01/24/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**3310**	25.3	mg/kg dry	1	[CALC]	01/24/19	01/24/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-4.1 (0.75')

9A23003-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.8**	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.2 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-4.2 (0.75')

9A23003-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.15**	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*125 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*140 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	*S-09*
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-4.3 (0.75)

9A23003-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.73**	1.02	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**35.6**	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*118 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	*S-09*
Total Petroleum Hydrocarbon C6-C35	**35.6**	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-4.4 (0.75')

9A23003-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.8 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-4.5 (1.5')

9A23003-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.3**	1.03	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**3.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.3 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.5 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2.1 (3')

9A23003-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.3 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.8 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2.2 (3')

9A23003-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.7 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.6 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.00	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.9 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.4 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2.3 (3')

9A23003-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*111 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*72.6 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	*S-09*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.16**	1.01	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.3 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2.4 (3')

9A23003-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.2 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.4 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.01	mg/kg dry	1	P9B2608	02/26/19	02/27/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**37.0**	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**37.0**	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2.5 (6')

9A23003-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Toluene	**0.0270**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Ethylbenzene	**0.0450**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (p/m)	**0.0930**	0.00202	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Xylene (o)	**0.0404**	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*68.9 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*82.6 %*	*75-125*		*P9A2307*	*01/23/19*	*01/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.33**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**223**	126	mg/kg dry	5	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**3720**	126	mg/kg dry	5	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**496**	126	mg/kg dry	5	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.8 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**4440**	126	mg/kg dry	5	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.1 (1.5')

9A23003-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*89.2 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**46.7**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.2 (1.5')

9A23003-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*87.4 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**34.3**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.3 (1.5')

9A23003-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.0 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.9 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.9**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**45.7**	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.3 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.8 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**45.7**	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.4 (1.5')

9A23003-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*76.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**28.6**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.5 (3')

9A23003-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.9 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.1 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**285**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.1 (2')

9A23003-26 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P9A2307	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.8 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*97.6 %*	*75-125*		*P9A2307*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.97**	1.05	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**5.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.2 (2')

9A23003-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*117 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**221**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.3 (2')

9A23003-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.2 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.49**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.4 (2')

9A23003-29 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*110 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*76.0 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**48.5**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2408	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*82.1 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*87.9 %*	*70-130*		*P9A2408*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.5 (4')

9A23003-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.3 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*109 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**249**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2410	01/24/19	01/28/19	TPH 8015M	
>C12-C28	**253**	25.3	mg/kg dry	1	P9A2410	01/24/19	01/28/19	TPH 8015M	
>C28-C35	**105**	25.3	mg/kg dry	1	P9A2410	01/24/19	01/28/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9A2410*	*01/24/19*	*01/28/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P9A2410*	*01/24/19*	*01/28/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**358**	25.3	mg/kg dry	1	[CALC]	01/24/19	01/28/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7.1 (0.75')

9A23003-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.0304**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	**1.63**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	**2.39**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	**3.93**	0.0408	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**2.38**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.4 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*75.2 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**414**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**873**	128	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**4650**	128	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**671**	128	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**6190**	128	mg/kg dry	5	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7.2 (0.75')

9A23003-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00111**	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	**0.0243**	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	**0.0282**	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	**0.0534**	0.00200	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**0.0302**	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*86.9 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**188**	1.00	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**108**	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.2 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**108**	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7.3 (0.75')

9A23003-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.0162**	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	**0.0656**	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	**0.0136**	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	**0.0762**	0.00202	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**0.156**	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*70.3 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*113 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**158**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1010**	126	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**10300**	126	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**1340**	126	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*117 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**12600**	126	mg/kg dry	5	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7.4 (0.75')

9A23003-34 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*113 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*80.3 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**45.3**	1.00	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7.5 (1.5')

9A23003-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0200	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	**0.526**	0.0200	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	**0.724**	0.0200	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	**1.08**	0.0400	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**0.650**	0.0200	mg/kg dry	20	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**75.4**	1.00	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**178**	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**2060**	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**275**	25.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**2510**	25.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6.1 (1')

9A23003-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/25/19	EPA 8021B	
Toluene	**0.586**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/25/19	EPA 8021B	
Ethylbenzene	**0.759**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/25/19	EPA 8021B	
Xylene (p/m)	**1.67**	0.0408	mg/kg dry	20	P9A2308	01/23/19	01/25/19	EPA 8021B	
Xylene (o)	**0.748**	0.0204	mg/kg dry	20	P9A2308	01/23/19	01/25/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.8 %*	*75-125*		*P9A2308*	*01/23/19*	*01/25/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*68.6 %*	*75-125*		*P9A2308*	*01/23/19*	*01/25/19*	*EPA 8021B*	*S-09*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**91.2**	1.02	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**2.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**452**	128	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**2940**	128	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**380**	128	mg/kg dry	5	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.4 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**3770**	128	mg/kg dry	5	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6.2 (1')

9A23003-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00158**	0.00104	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	**0.00551**	0.00104	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	**0.00457**	0.00104	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	**0.0225**	0.00208	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**0.0203**	0.00104	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*51.6 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*88.0 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**80.7**	1.04	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**4.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**99.6**	26.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**1620**	26.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	**265**	26.0	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1990**	26.0	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6.3 (1')

9A23003-38 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*112 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*79.4 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.79**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.4 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6.4 (1')

9A23003-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**0.00138**	0.00101	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*72.3 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	*S-09*
Surrogate: 1,4-Difluorobenzene		*107 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**157**	1.01	mg/kg dry	1	P9B2610	02/26/19	02/28/19	EPA 300.0	O-04
% Moisture	**1.0**	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C12-C28	**29.8**	25.3	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9A2410	01/24/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.8 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P9A2410*	*01/24/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**29.8**	25.3	mg/kg dry	1	[CALC]	01/24/19	01/25/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-6.5 (2')

9A23003-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Toluene	**0.00158**	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (p/m)	**0.00277**	0.00200	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Xylene (o)	**0.00530**	0.00100	mg/kg dry	1	P9A2308	01/23/19	01/24/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*113 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*88.7 %*	*75-125*		*P9A2308*	*01/23/19*	*01/24/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**253**	1.00	mg/kg dry	1	P9B2801	02/27/19	02/28/19	EPA 300.0	O-04
% Moisture	ND	0.1	%	1	P9A2412	01/24/19	01/24/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**30.5**	25.0	mg/kg dry	1	P9A2506	01/25/19	01/25/19	TPH 8015M	
>C12-C28	**817**	25.0	mg/kg dry	1	P9A2506	01/25/19	01/25/19	TPH 8015M	
>C28-C35	**119**	25.0	mg/kg dry	1	P9A2506	01/25/19	01/25/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.8 %*	*70-130*		*P9A2506*	*01/25/19*	*01/25/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.0 %*	*70-130*		*P9A2506*	*01/25/19*	*01/25/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**966**	25.0	mg/kg dry	1	[CALC]	01/25/19	01/25/19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2307 - General Preparation (GC)										
Blank (P9A2307-BLK1)				Prepared & Analyzed: 01/23/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.0515*		"	*0.0600*		*85.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0465*		"	*0.0600*		*77.4*	*75-125*			
LCS (P9A2307-BS1)				Prepared & Analyzed: 01/23/19						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130			
Toluene	0.105	0.00100	"	0.100		105	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	70-130			
Xylene (o)	0.106	0.00100	"	0.100		106	70-130			
Surrogate: 1,4-Difluorobenzene	*0.0781*		"	*0.0600*		*130*	*75-125*			*S-09*
Surrogate: 4-Bromofluorobenzene	*0.0573*		"	*0.0600*		*95.4*	*75-125*			
LCS Dup (P9A2307-BSD1)				Prepared & Analyzed: 01/23/19						
Benzene	0.104	0.00100	mg/kg wet	0.100		104	70-130	3.16	20	
Toluene	0.103	0.00100	"	0.100		103	70-130	1.54	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	70-130	6.54	20	
Xylene (p/m)	0.188	0.00200	"	0.200		93.8	70-130	2.87	20	
Xylene (o)	0.107	0.00100	"	0.100		107	70-130	0.301	20	
Surrogate: 4-Bromofluorobenzene	*0.0508*		"	*0.0600*		*84.7*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0762*		"	*0.0600*		*127*	*75-125*			*S-09*
Matrix Spike (P9A2307-MS1)		**Source: 9A23003-26**		Prepared: 01/23/19 Analyzed: 01/24/19						
Benzene	0.0859	0.00105	mg/kg dry	0.105	ND	81.6	80-120			
Toluene	0.101	0.00105	"	0.105	ND	96.2	80-120			
Ethylbenzene	0.113	0.00105	"	0.105	ND	108	80-120			
Xylene (p/m)	0.177	0.00211	"	0.211	ND	84.1	80-120			
Xylene (o)	0.0862	0.00105	"	0.105	ND	81.9	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0769*		"	*0.0632*		*122*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0471*		"	*0.0632*		*74.6*	*75-125*			*S-09*

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2307 - General Preparation (GC)										
Matrix Spike Dup (P9A2307-MSD1)	**Source: 9A23003-26**			Prepared: 01/23/19 Analyzed: 01/24/19						
Benzene	0.0782	0.00105	mg/kg dry	0.105	ND	74.3	80-120	9.42	20	QM-05
Toluene	0.0904	0.00105	"	0.105	ND	85.9	80-120	11.3	20	
Ethylbenzene	0.101	0.00105	"	0.105	ND	96.2	80-120	11.2	20	
Xylene (p/m)	0.158	0.00211	"	0.211	ND	75.2	80-120	11.2	20	QM-05
Xylene (o)	0.0807	0.00105	"	0.105	ND	76.6	80-120	6.66	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.0529*		*"*	*0.0632*		*83.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0765*		*"*	*0.0632*		*121*	*75-125*			
Batch P9A2308 - General Preparation (GC)										
Blank (P9A2308-BLK1)				Prepared: 01/23/19 Analyzed: 01/24/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0492*		*"*	*0.0600*		*82.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0665*		*"*	*0.0600*		*111*	*75-125*			
LCS (P9A2308-BS1)				Prepared: 01/23/19 Analyzed: 01/24/19						
Benzene	0.0852	0.00100	mg/kg wet	0.100		85.2	70-130			
Toluene	0.0978	0.00100	"	0.100		97.8	70-130			
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130			
Xylene (p/m)	0.181	0.00200	"	0.200		90.7	70-130			
Xylene (o)	0.0863	0.00100	"	0.100		86.3	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0522*		*"*	*0.0600*		*87.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0653*		*"*	*0.0600*		*109*	*75-125*			

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2308 - General Preparation (GC)										
LCS Dup (P9A2308-BSD1)				Prepared: 01/23/19 Analyzed: 01/24/19						
Benzene	0.0805	0.00100	mg/kg wet	0.100		80.5	70-130	5.70	20	
Toluene	0.0903	0.00100	"	0.100		90.3	70-130	7.96	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	70-130	9.19	20	
Xylene (p/m)	0.184	0.00200	"	0.200		91.9	70-130	1.38	20	
Xylene (o)	0.0824	0.00100	"	0.100		82.4	70-130	4.66	20	
Surrogate: 1,4-Difluorobenzene	*0.0606*		*"*	*0.0600*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0456*		*"*	*0.0600*		*76.0*	*75-125*			
Matrix Spike (P9A2308-MS1)		**Source: 9A23003-27**		Prepared: 01/23/19 Analyzed: 01/27/19						
Benzene	0.0373	0.00102	mg/kg dry	0.102	ND	36.5	80-120			QM-05
Toluene	0.00477	0.00102	"	0.102	ND	4.67	80-120			QM-05
Ethylbenzene	0.0161	0.00102	"	0.102	ND	15.8	80-120			QM-05
Xylene (p/m)	0.0102	0.00204	"	0.204	ND	5.01	80-120			QM-05
Xylene (o)	0.0695	0.00102	"	0.102	ND	68.1	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.0535*		*"*	*0.0612*		*87.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0681*		*"*	*0.0612*		*111*	*75-125*			
Matrix Spike Dup (P9A2308-MSD1)		**Source: 9A23003-27**		Prepared: 01/23/19 Analyzed: 01/27/19						
Benzene	0.0466	0.00102	mg/kg dry	0.102	ND	45.7	80-120	22.3	20	QM-05
Toluene	0.0123	0.00102	"	0.102	ND	12.1	80-120	88.5	20	QM-05
Ethylbenzene	0.0233	0.00102	"	0.102	ND	22.8	80-120	36.5	20	QM-05
Xylene (p/m)	0.0148	0.00204	"	0.204	ND	7.26	80-120	36.5	20	QM-05
Xylene (o)	0.0755	0.00102	"	0.102	ND	74.0	80-120	8.31	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.0706*		*"*	*0.0612*		*115*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0524*		*"*	*0.0612*		*85.6*	*75-125*			

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2412 - * DEFAULT PREP *** **										
Blank (P9A2412-BLK1)				Prepared & Analyzed: 01/24/19						
% Moisture	ND	0.1	%							
Duplicate (P9A2412-DUP1)		**Source: 9A23003-26**		Prepared & Analyzed: 01/24/19						
% Moisture	3.0	0.1	%		5.0			50.0	20	
Duplicate (P9A2412-DUP2)		**Source: 9A23005-03**		Prepared & Analyzed: 01/24/19						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P9A2412-DUP3)		**Source: 9A23010-05**		Prepared & Analyzed: 01/24/19						
% Moisture	5.0	0.1	%		7.0			33.3	20	
Duplicate (P9A2412-DUP4)		**Source: 9A23018-12**		Prepared & Analyzed: 01/24/19						
% Moisture	2.0	0.1	%		1.0			66.7	20	
Batch P9B2608 - * DEFAULT PREP *** **										
Blank (P9B2608-BLK1)				Prepared: 02/26/19 Analyzed: 02/27/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9B2608-BS1)				Prepared: 02/26/19 Analyzed: 02/27/19						
Chloride	415	1.00	mg/kg wet	500		83.0	80-120			
LCS Dup (P9B2608-BSD1)				Prepared: 02/26/19 Analyzed: 02/27/19						
Chloride	407	1.00	mg/kg wet	500		81.3	80-120	2.05	20	
Duplicate (P9B2608-DUP1)		**Source: 9B21010-17**		Prepared: 02/26/19 Analyzed: 02/27/19						
Chloride	26.1	1.04	mg/kg dry		21.0			21.6	20	

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9B2608 - * DEFAULT PREP *** **										
Duplicate (P9B2608-DUP2)	**Source: 9A23003-10**			Prepared: 02/26/19 Analyzed: 02/27/19						
Chloride	58.3	1.01	mg/kg dry		60.1			2.97	20	
Matrix Spike (P9B2608-MS1)	**Source: 9B21010-17**			Prepared: 02/26/19 Analyzed: 02/27/19						
Chloride	560	1.04	mg/kg dry	521	21.0	104	80-120			
Batch P9B2610 - * DEFAULT PREP *** **										
Blank (P9B2610-BLK1)				Prepared: 02/26/19 Analyzed: 02/28/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9B2610-BS1)				Prepared: 02/26/19 Analyzed: 02/28/19						
Chloride	414	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P9B2610-BSD1)				Prepared: 02/26/19 Analyzed: 02/28/19						
Chloride	407	1.00	mg/kg wet	400		102	80-120	1.73	20	
Duplicate (P9B2610-DUP1)	**Source: 9A23003-20**			Prepared: 02/26/19 Analyzed: 02/28/19						
Chloride	1.13	1.01	mg/kg dry		3.33			98.6	20	R2
Duplicate (P9B2610-DUP2)	**Source: 9A23003-30**			Prepared: 02/26/19 Analyzed: 02/28/19						
Chloride	247	1.01	mg/kg dry		249			0.541	20	
Matrix Spike (P9B2610-MS1)	**Source: 9A23003-20**			Prepared: 02/26/19 Analyzed: 02/28/19						
Chloride	521	1.01	mg/kg dry	505	3.33	102	80-120			
Batch P9B2801 - * DEFAULT PREP *** **										
Blank (P9B2801-BLK1)				Prepared: 02/27/19 Analyzed: 02/28/19						
Chloride	ND	1.00	mg/kg wet							

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9B2801 - * DEFAULT PREP *** **										
LCS (P9B2801-BS1)				Prepared: 02/27/19 Analyzed: 02/28/19						
Chloride	417	1.00	mg/kg wet	400		104	80-120			
LCS Dup (P9B2801-BSD1)				Prepared: 02/27/19 Analyzed: 02/28/19						
Chloride	406	1.00	mg/kg wet	400		102	80-120	2.46	20	
Duplicate (P9B2801-DUP1)		**Source: 9A23003-40**		Prepared: 02/27/19 Analyzed: 02/28/19						
Chloride	246	1.00	mg/kg dry		253			3.07	20	
Duplicate (P9B2801-DUP2)		**Source: 9A30001-09**		Prepared: 02/27/19 Analyzed: 02/28/19						
Chloride	709	30.5	mg/kg dry		405			54.5	20	R2
Matrix Spike (P9B2801-MS1)		**Source: 9A30001-09**		Prepared: 02/27/19 Analyzed: 02/28/19						
Chloride	3990	30.5	mg/kg dry	3050	405	118	80-120			

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2405 - TX 1005										
Blank (P9A2405-BLK1)				Prepared: 01/23/19 Analyzed: 01/24/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*54.7*		*"*	*50.0*		*109*	*70-130*			
LCS (P9A2405-BS1)				Prepared: 01/23/19 Analyzed: 01/24/19						
C6-C12	871	25.0	mg/kg wet	1000		87.1	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*50.1*		*"*	*50.0*		*100*	*70-130*			
LCS Dup (P9A2405-BSD1)				Prepared: 01/23/19 Analyzed: 01/24/19						
C6-C12	870	25.0	mg/kg wet	1000		87.0	75-125	0.147	20	
>C12-C28	1070	25.0	"	1000		107	75-125	1.05	20	
Surrogate: 1-Chlorooctane	*114*		*"*	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*50.4*		*"*	*50.0*		*101*	*70-130*			
Matrix Spike (P9A2405-MS1)	**Source: 9A22005-21**			Prepared: 01/23/19 Analyzed: 01/24/19						
C6-C12	926	28.1	mg/kg dry	1120	16.0	81.0	75-125			
>C12-C28	1140	28.1	"	1120	ND	101	75-125			
Surrogate: 1-Chlorooctane	*109*		*"*	*112*		*96.7*	*70-130*			
Surrogate: o-Terphenyl	*53.7*		*"*	*56.2*		*95.6*	*70-130*			
Matrix Spike Dup (P9A2405-MSD1)	**Source: 9A22005-21**			Prepared: 01/23/19 Analyzed: 01/24/19						
C6-C12	912	28.1	mg/kg dry	1120	16.0	79.8	75-125	1.57	20	
>C12-C28	1130	28.1	"	1120	ND	101	75-125	0.367	20	
Surrogate: 1-Chlorooctane	*111*		*"*	*112*		*98.8*	*70-130*			
Surrogate: o-Terphenyl	*53.9*		*"*	*56.2*		*95.9*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2407 - TX 1005										
Blank (P9A2407-BLK1)				Prepared & Analyzed: 01/24/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*94.9*		*"*	*100*		*94.9*	*70-130*			
Surrogate: o-Terphenyl	*53.1*		*"*	*50.0*		*106*	*70-130*			
LCS (P9A2407-BS1)				Prepared & Analyzed: 01/24/19						
C6-C12	881	25.0	mg/kg wet	1000		88.1	75-125			
>C12-C28	848	25.0	"	1000		84.8	75-125			
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
LCS Dup (P9A2407-BSD1)				Prepared & Analyzed: 01/24/19						
C6-C12	850	25.0	mg/kg wet	1000		85.0	75-125	3.59	20	
>C12-C28	819	25.0	"	1000		81.9	75-125	3.53	20	
Surrogate: 1-Chlorooctane	*127*		*"*	*100*		*127*	*70-130*			
Surrogate: o-Terphenyl	*58.7*		*"*	*50.0*		*117*	*70-130*			
Matrix Spike (P9A2407-MS1)	**Source: 9A23003-09**			Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	1010	25.5	mg/kg dry	1020	12.9	97.9	75-125			
>C12-C28	922	25.5	"	1020	23.9	88.0	75-125			
Surrogate: 1-Chlorooctane	*124*		*"*	*102*		*122*	*70-130*			
Surrogate: o-Terphenyl	*52.9*		*"*	*51.0*		*104*	*70-130*			
Matrix Spike Dup (P9A2407-MSD1)	**Source: 9A23003-09**			Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	955	25.5	mg/kg dry	1020	12.9	92.3	75-125	5.92	20	
>C12-C28	871	25.5	"	1020	23.9	83.0	75-125	5.77	20	
Surrogate: 1-Chlorooctane	*119*		*"*	*102*		*116*	*70-130*			
Surrogate: o-Terphenyl	*54.2*		*"*	*51.0*		*106*	*70-130*			

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2408 - TX 1005										
Blank (P9A2408-BLK1)				Prepared & Analyzed: 01/24/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*87.9*		*"*	*100*		*87.9*	*70-130*			
Surrogate: o-Terphenyl	*47.8*		*"*	*50.0*		*95.5*	*70-130*			
LCS (P9A2408-BS1)				Prepared & Analyzed: 01/24/19						
C6-C12	800	25.0	mg/kg wet	1000		80.0	75-125			
>C12-C28	983	25.0	"	1000		98.3	75-125			
Surrogate: 1-Chlorooctane	*105*		*"*	*100*		*105*	*70-130*			
Surrogate: o-Terphenyl	*46.0*		*"*	*50.0*		*92.0*	*70-130*			
LCS Dup (P9A2408-BSD1)				Prepared & Analyzed: 01/24/19						
C6-C12	786	25.0	mg/kg wet	1000		78.6	75-125	1.71	20	
>C12-C28	960	25.0	"	1000		96.0	75-125	2.32	20	
Surrogate: 1-Chlorooctane	*94.0*		*"*	*100*		*94.0*	*70-130*			
Surrogate: o-Terphenyl	*44.7*		*"*	*50.0*		*89.4*	*70-130*			
Matrix Spike (P9A2408-MS1)	**Source: 9A23003-29**			Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	981	25.3	mg/kg dry	1010	12.8	95.8	75-125			
>C12-C28	1120	25.3	"	1010	ND	110	75-125			
Surrogate: 1-Chlorooctane	*106*		*"*	*101*		*105*	*70-130*			
Surrogate: o-Terphenyl	*46.4*		*"*	*50.5*		*91.9*	*70-130*			
Matrix Spike Dup (P9A2408-MSD1)	**Source: 9A23003-29**			Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	985	25.3	mg/kg dry	1010	12.8	96.3	75-125	0.481	20	
>C12-C28	1150	25.3	"	1010	ND	114	75-125	2.77	20	
Surrogate: 1-Chlorooctane	*117*		*"*	*101*		*116*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		*"*	*50.5*		*106*	*70-130*			

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2410 - TX 1005										
Blank (P9A2410-BLK1)				Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*65.9*		*"*	*50.0*		*132*	*70-130*			*S-09*
LCS (P9A2410-BS1)				Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125			
>C12-C28	978	25.0	"	1000		97.8	75-125			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*58.3*		*"*	*50.0*		*117*	*70-130*			
LCS Dup (P9A2410-BSD1)				Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	1040	25.0	mg/kg wet	1000		104	75-125	2.11	20	
>C12-C28	980	25.0	"	1000		98.0	75-125	0.161	20	
Surrogate: 1-Chlorooctane	*122*		*"*	*100*		*122*	*70-130*			
Surrogate: o-Terphenyl	*57.8*		*"*	*50.0*		*116*	*70-130*			
Matrix Spike (P9A2410-MS1)		**Source: 9A24004-06**		Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	1060	27.8	mg/kg dry	1110	41.5	91.9	75-125			
>C12-C28	1310	27.8	"	1110	706	54.0	75-125			QM-05
Surrogate: 1-Chlorooctane	*135*		*"*	*111*		*121*	*70-130*			
Surrogate: o-Terphenyl	*62.6*		*"*	*55.6*		*113*	*70-130*			
Matrix Spike Dup (P9A2410-MSD1)		**Source: 9A24004-06**		Prepared: 01/24/19 Analyzed: 01/25/19						
C6-C12	1050	27.8	mg/kg dry	1110	41.5	90.3	75-125	1.73	20	
>C12-C28	1310	27.8	"	1110	706	54.2	75-125	0.377	20	QM-05
Surrogate: 1-Chlorooctane	*133*		*"*	*111*		*120*	*70-130*			
Surrogate: o-Terphenyl	*62.3*		*"*	*55.6*		*112*	*70-130*			

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9A2506 - TX 1005										
Blank (P9A2506-BLK1)				Prepared: 01/25/19 Analyzed: 01/28/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*92.1*		"	*100*		*92.1*	*70-130*			
Surrogate: o-Terphenyl	*47.7*		"	*50.0*		*95.3*	*70-130*			
LCS (P9A2506-BS1)				Prepared: 01/25/19 Analyzed: 01/28/19						
C6-C12	968	25.0	mg/kg wet	1000		96.8	75-125			
>C12-C28	1150	25.0	"	1000		115	75-125			
Surrogate: 1-Chlorooctane	*96.9*		"	*100*		*96.9*	*70-130*			
Surrogate: o-Terphenyl	*43.7*		"	*50.0*		*87.3*	*70-130*			
LCS Dup (P9A2506-BSD1)				Prepared: 01/25/19 Analyzed: 01/28/19						
C6-C12	965	25.0	mg/kg wet	1000		96.5	75-125	0.294	20	
>C12-C28	1190	25.0	"	1000		119	75-125	2.82	20	
Surrogate: 1-Chlorooctane	*93.7*		"	*100*		*93.7*	*70-130*			
Surrogate: o-Terphenyl	*44.1*		"	*50.0*		*88.2*	*70-130*			
Matrix Spike (P9A2506-MS1)	**Source: 9A23003-40**			Prepared: 01/25/19 Analyzed: 01/26/19						
C6-C12	1030	25.0	mg/kg dry	1000	30.5	99.9	75-125			
>C12-C28	2460	25.0	"	1000	817	164	75-125			QM-05
Surrogate: 1-Chlorooctane	*114*		"	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*48.3*		"	*50.0*		*96.7*	*70-130*			
Matrix Spike Dup (P9A2506-MSD1)	**Source: 9A23003-40**			Prepared: 01/25/19 Analyzed: 01/26/19						
C6-C12	1020	25.0	mg/kg dry	1000	30.5	99.3	75-125	0.604	20	
>C12-C28	2170	25.0	"	1000	817	136	75-125	19.0	20	QM-05
Surrogate: 1-Chlorooctane	*114*		"	*100*		*114*	*70-130*			
Surrogate: o-Terphenyl	*47.7*		"	*50.0*		*95.3*	*70-130*			

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-09	Surrogate recovery limits have been exceeded.
R2	The RPD exceeded the acceptance limit.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
O-04	This sample was analyzed outside the EPA recommended holding time.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/1/2019

Brent Barron, Laboratory Director/Technical Director

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P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

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Page 785 of 869

№ 0556

CHAIN-OF-CUSTODY

Page 57 of 59

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 01/23/2019 PAGE 1 OF 3

PO#: LAB WORK ORDER#: 9A23003

PROJECT LOCATION OR NAME: Lea unit #8D

LAI PROJECT #: 18-0138-03 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

~~#9A23003~~ #9A23003

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
DP-12.1(3.5')		01/22/19	13:36	S	1				X		X			X	X	X															
DP-12.2(3.5')			13:38																												
DP-12.3(3.5')			13:39																												
DP-12.4(3.5')			13:40																												
DP-12.5(7')			13:41																												
DP-8.1(3.5')			13:50																												
DP-8.2(3.5')			13:51																												
DP-8.3(3.5')			13:52																												
DP-8.4(3.5')			13:54																												
DP-8.5(7')			13:56																												
DP-4.1(0.75')			14:08																												
DP-4.2(0.75')			14:09																												
DP-4.3(0.75')			14:10																												
DP-4.4(0.75')			14:11																												
DP-4.5(1.5')			14:12																												
TOTAL		15									10			15	15	15															

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

Rachel Owen

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

1-23-19 8:42 Carol Bess

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1-1.1 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 1/26/2026 9:33:55 AM

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Page 786 of 869

Nº 0557

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 01/23/2019 PAGE 2 OF 3

PO#: LAB WORK ORDER#: 9A23603

PROJECT LOCATION OR NAME: Lea Unit #8D

LAI PROJECT #: 18-0138-03 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
DP-2.1(3')		01/22/19	14:19	S	1				X		X		X	X	X															
DP-2.2(3')			14:20																											
DP-2.3(3')			14:21																											
DP-2.4(3')			14:22																											
DP-2.5(6')			14:25																											
DP-9.1(1.5')			14:59								X		X	X	X															
DP-9.2(1.5')			15:01																											
DP-9.3(1.5')			15:02																											
DP-9.4(1.5')			15:03																											
DP-9.5(3')			15:09																											
DP-3.1(2')			15:39																											
DP-3.2(2')			15:40																											
DP-3.3(2')			15:41																											
DP-3.4(2')			15:43																											
DP-3.5(4')			15:45																											
TOTAL	15										15	15	15	15																

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

1-23-19 8:45

LABORATORY: DBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1-1.1 L2 THERM#:
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 1/26/2026 9:35:58 AM

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Page 787 of 869

№ 0558

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 01/23/2019 PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: 9A23003

PROJECT LOCATION OR NAME: Lea unit #8D

LAI PROJECT #: 19-0130-03 COLLECTOR: RD

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
DP-7.1(0.75')		01/22/19	15:22	S	1				X		X		X	X	X														
DP-7.2(0.75')			15:24																										
DP-7.3(0.75')			15:26																										
DP-7.4(0.75')			15:27																										
DP-7.5(1.5')			15:30																										
DP-6.1 (1')			15:33																										
DP-6.2(1')			15:34																										
DP-6.3(1')			15:35																										
DP-6.4(1')			15:36																										
DP-6.5(1')			15:37																										
TOTAL		10							10		10		10	10	10														

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

Rachel Dunn

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

1-23-19 845 Cardinal

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☒

1 DAY ☐

2 DAY ☐

OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: 1-1.1 THERM#: 12

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL # _____

☐ HAND DELIVERED

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Lea Unit #8D (Legacy)

Project Number: 18-0138-03

Location:

Lab Order Number: 9C18011

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-18-9

Report Date: 03/26/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-8.2 (5')	9C18011-01	Soil	03/14/19 13:36	03-18-2019 10:40
DP-8.5 (10')	9C18011-02	Soil	03/14/19 13:42	03-18-2019 10:40
DP-2.5 (11')	9C18011-03	Soil	03/14/19 14:10	03-18-2019 10:40

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-8.2 (5')

9C18011-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*81.8 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.6**	1.01	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.2 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/19/19	03/20/19	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-8.5 (10')

9C18011-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*87.1 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.4**	1.02	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.8 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/19/19	03/20/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2.5 (11')

9C18011-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00105	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*116 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.5 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.05	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.4 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/19/19	03/20/19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2304 - General Preparation (GC)										
Blank (P9C2304-BLK1)				Prepared & Analyzed: 03/23/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0627*		"	*0.0600*		*105*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0499*		"	*0.0600*		*83.1*	*75-125*			
LCS (P9C2304-BS1)				Prepared & Analyzed: 03/23/19						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130			
Toluene	0.119	0.00100	"	0.100		119	70-130			
Ethylbenzene	0.100	0.00100	"	0.100		100	70-130			
Xylene (p/m)	0.216	0.00200	"	0.200		108	70-130			
Xylene (o)	0.114	0.00100	"	0.100		114	70-130			
Surrogate: 1,4-Difluorobenzene	*0.0611*		"	*0.0600*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0532*		"	*0.0600*		*88.8*	*75-125*			
LCS Dup (P9C2304-BSD1)				Prepared & Analyzed: 03/23/19						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	70-130	0.0753	20	
Toluene	0.119	0.00100	"	0.100		119	70-130	0.597	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130	6.55	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	70-130	1.57	20	
Xylene (o)	0.118	0.00100	"	0.100		118	70-130	3.05	20	
Surrogate: 1,4-Difluorobenzene	*0.0633*		"	*0.0600*		*106*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0639*		"	*0.0600*		*106*	*75-125*			
Calibration Blank (P9C2304-CCB1)				Prepared & Analyzed: 03/23/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.0489*		"	*0.0600*		*81.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0578*		"	*0.0600*		*96.4*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2304 - General Preparation (GC)										
Calibration Blank (P9C2304-CCB2)				Prepared & Analyzed: 03/23/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	*0.0522*		*"*	*0.0600*		*87.0*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0653*		*"*	*0.0600*		*109*	*75-125*			
Calibration Check (P9C2304-CCV1)				Prepared & Analyzed: 03/23/19						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		106	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0608*		*"*	*0.0600*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0582*		*"*	*0.0600*		*96.9*	*75-125*			
Calibration Check (P9C2304-CCV2)				Prepared & Analyzed: 03/23/19						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0610*		*"*	*0.0600*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0606*		*"*	*0.0600*		*101*	*75-125*			
Matrix Spike (P9C2304-MS1)		**Source: 9C18011-01**		Prepared: 03/23/19 Analyzed: 03/24/19						
Benzene	0.0874	0.00101	mg/kg dry	0.101	ND	86.5	80-120			
Toluene	0.0889	0.00101	"	0.101	ND	88.1	80-120			
Ethylbenzene	0.118	0.00101	"	0.101	ND	117	80-120			
Xylene (p/m)	0.162	0.00202	"	0.202	ND	80.4	80-120			
Xylene (o)	0.0983	0.00101	"	0.101	ND	97.3	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0618*		*"*	*0.0606*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0651*		*"*	*0.0606*		*107*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2304 - General Preparation (GC)										
Matrix Spike Dup (P9C2304-MSD1)	**Source: 9C18011-01**			Prepared: 03/23/19 Analyzed: 03/24/19						
Benzene	0.0856	0.00101	mg/kg dry	0.101	ND	84.8	80-120	2.01	20	
Toluene	0.0844	0.00101	"	0.101	ND	83.5	80-120	5.30	20	
Ethylbenzene	0.113	0.00101	"	0.101	ND	112	80-120	4.08	20	
Xylene (p/m)	0.162	0.00202	"	0.202	ND	80.0	80-120	0.455	20	
Xylene (o)	0.0898	0.00101	"	0.101	ND	88.9	80-120	9.04	20	
Surrogate: 1,4-Difluorobenzene	*0.0567*		*"*	*0.0606*		*93.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0590*		*"*	*0.0606*		*97.4*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C1901 - TX 1005										
Blank (P9C1901-BLK1)				Prepared & Analyzed: 03/19/19						
% Moisture	ND	0.1	%							
Duplicate (P9C1901-DUP1)		**Source: 9C18011-03**		Prepared & Analyzed: 03/19/19						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Batch P9C2201 - * DEFAULT PREP *** **										
Blank (P9C2201-BLK1)				Prepared: 03/22/19 Analyzed: 03/24/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9C2201-BS1)				Prepared & Analyzed: 03/22/19						
Chloride	397	1.00	mg/kg wet	400		99.1	80-120			
LCS Dup (P9C2201-BSD1)				Prepared & Analyzed: 03/22/19						
Chloride	405	1.00	mg/kg wet	400		101	80-120	2.00	20	
Duplicate (P9C2201-DUP1)		**Source: 9C18010-02**		Prepared & Analyzed: 03/22/19						
Chloride	3.46	1.06	mg/kg dry		2.90			17.4	20	
Duplicate (P9C2201-DUP2)		**Source: 9C18011-03**		Prepared & Analyzed: 03/22/19						
Chloride	2.17	1.05	mg/kg dry		ND				20	
Matrix Spike (P9C2201-MS1)		**Source: 9C18010-02**		Prepared & Analyzed: 03/22/19						
Chloride	542	1.06	mg/kg dry	532	2.90	101	80-120			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C1903 - TX 1005										
Blank (P9C1903-BLK1)				Prepared & Analyzed: 03/19/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*118*		*"*	*100*		*118*	*70-130*			
Surrogate: o-Terphenyl	*69.9*		*"*	*50.0*		*140*	*70-130*			*S-09*
LCS (P9C1903-BS1)				Prepared & Analyzed: 03/19/19						
C6-C12	888	25.0	mg/kg wet	1000		88.8	75-125			
>C12-C28	1150	25.0	"	1000		115	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*55.6*		*"*	*50.0*		*111*	*70-130*			
LCS Dup (P9C1903-BSD1)				Prepared & Analyzed: 03/19/19						
C6-C12	864	25.0	mg/kg wet	1000		86.4	75-125	2.76	20	
>C12-C28	1130	25.0	"	1000		113	75-125	2.38	20	
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*56.4*		*"*	*50.0*		*113*	*70-130*			
Calibration Blank (P9C1903-CCB1)				Prepared & Analyzed: 03/19/19						
C6-C12	5.37		mg/kg wet							
>C12-C28	11.8		"							
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*64.5*		*"*	*50.0*		*129*	*70-130*			
Calibration Blank (P9C1903-CCB2)				Prepared: 03/19/19 Analyzed: 03/20/19						
C6-C12	6.70		mg/kg wet							
>C12-C28	12.8		"							
Surrogate: 1-Chlorooctane	*100*		*"*	*100*		*100*	*70-130*			
Surrogate: o-Terphenyl	*59.8*		*"*	*50.0*		*120*	*70-130*			

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C1903 - TX 1005										
Calibration Check (P9C1903-CCV2)				Prepared & Analyzed: 03/19/19						
C6-C12	519	25.0	mg/kg wet	500		104	85-115			
>C12-C28	484	25.0	"	500		96.8	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*62.2*		*"*	*50.0*		*124*	*70-130*			
Calibration Check (P9C1903-CCV3)				Prepared: 03/19/19 Analyzed: 03/20/19						
C6-C12	505	25.0	mg/kg wet	500		101	85-115			
>C12-C28	469	25.0	"	500		93.9	85-115			
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*58.2*		*"*	*50.0*		*116*	*70-130*			
Matrix Spike (P9C1903-MS1)	**Source: 9C18011-03**			Prepared: 03/19/19 Analyzed: 03/20/19						
C6-C12	867	26.3	mg/kg dry	1050	ND	82.4	75-125			
>C12-C28	1130	26.3	"	1050	ND	108	75-125			
Surrogate: 1-Chlorooctane	*123*		*"*	*105*		*117*	*70-130*			
Surrogate: o-Terphenyl	*58.7*		*"*	*52.6*		*112*	*70-130*			
Matrix Spike Dup (P9C1903-MSD1)	**Source: 9C18011-03**			Prepared: 03/19/19 Analyzed: 03/20/19						
C6-C12	864	26.3	mg/kg dry	1050	ND	82.1	75-125	0.311	20	
>C12-C28	1130	26.3	"	1050	ND	108	75-125	0.0660	20	
Surrogate: 1-Chlorooctane	*123*		*"*	*105*		*117*	*70-130*			
Surrogate: o-Terphenyl	*59.2*		*"*	*52.6*		*112*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

S-09	Surrogate recovery limits have been exceeded.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/26/2019

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Page 800 of 869

Nº 0426

CHAIN-OF-CUSTODY

Page 13 of 13

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 3/18/19 PAGE 1 OF 1

PO#: LAB WORK ORDER#: 9C18011

PROJECT LOCATION OR NAME: Lea #8D

LAI PROJECT #: 18-0138-03 COLLECTOR: RO

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐ 7/3000	FIELD NOTES
DP-8.2(5')		3/14/19	13:36	S	1				X		X		X	X	X													X	
DP-8.5(10')		1	13:42	1	1				1		1		1	1	1													1	
DP-25(11')		1	14:10	1	1				1		1		1	1	1													1	
TOTAL					3																								

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) 3/18/19 9:30 DATE/TIME RECEIVED BY:(Signature) 3/18/19 9:45am

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 26+1 3.6 L2 THERM#:
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/26/2026 9:38:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: Lea Unit #8D (Legacy)

Project Number: 18-0138-03

Location: None Given

Lab Order Number: 9C22014

NELAP ACCREDITED TNI LABORATORY

NELAP/TCEQ # T104704516-18-9

Report Date: 04/02/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-7.5 (2')	9C22014-01	Soil	03/20/19 16:32	03-22-2019 15:00
DP-9.6 (1.5')	9C22014-02	Soil	03/20/19 16:40	03-22-2019 15:00
DP-9.7 (1.5')	9C22014-03	Soil	03/20/19 16:45	03-22-2019 15:00

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-7.5 (2')

9C22014-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00109	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P9C2708*	*03/27/19*	*03/27/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*84.5 %*	*75-125*		*P9C2708*	*03/27/19*	*03/27/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**305**	1.09	mg/kg dry	1	P9C2605	03/26/19	03/27/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9C2503	03/25/19	03/25/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
>C12-C28	**618**	27.2	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
>C28-C35	**147**	27.2	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.8 %*	*70-130*		*P9C2603*	*03/26/19*	*03/30/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.5 %*	*70-130*		*P9C2603*	*03/26/19*	*03/30/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**765**	27.2	mg/kg dry	1	[CALC]	03/26/19	03/30/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.6 (1.5')

9C22014-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*81.6 %*	*75-125*		*P9C2708*	*03/27/19*	*03/27/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P9C2708*	*03/27/19*	*03/27/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.26**	1.00	mg/kg dry	1	P9C2605	03/26/19	03/27/19	EPA 300.0	
% Moisture	ND	0.1	%	1	P9C2503	03/25/19	03/25/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.0	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
>C12-C28	**55.1**	25.0	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*76.2 %*	*70-130*		*P9C2603*	*03/26/19*	*03/30/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*79.6 %*	*70-130*		*P9C2603*	*03/26/19*	*03/30/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**55.1**	25.0	mg/kg dry	1	[CALC]	03/26/19	03/30/19	calc	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9.7 (1.5')

9C22014-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P9C2708	03/27/19	03/27/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P9C2708*	*03/27/19*	*03/27/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*81.7 %*	*75-125*		*P9C2708*	*03/27/19*	*03/27/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.53**	1.01	mg/kg dry	1	P9C2605	03/26/19	03/27/19	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P9C2503	03/25/19	03/25/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
>C12-C28	**43.2**	25.3	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P9C2603	03/26/19	03/30/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.0 %*	*70-130*		*P9C2603*	*03/26/19*	*03/30/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.8 %*	*70-130*		*P9C2603*	*03/26/19*	*03/30/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**43.2**	25.3	mg/kg dry	1	[CALC]	03/26/19	03/30/19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2708 - General Preparation (GC)										
Blank (P9C2708-BLK1)				Prepared & Analyzed: 03/27/19						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.0509*		"	*0.0600*		*84.8*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0627*		"	*0.0600*		*104*	*75-125*			
LCS (P9C2708-BS1)				Prepared & Analyzed: 03/27/19						
Benzene	0.112	0.00100	mg/kg wet	0.100		112	70-130			
Toluene	0.111	0.00100	"	0.100		111	70-130			
Ethylbenzene	0.0976	0.00100	"	0.100		97.6	70-130			
Xylene (p/m)	0.213	0.00200	"	0.200		107	70-130			
Xylene (o)	0.120	0.00100	"	0.100		120	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0555*		"	*0.0600*		*92.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0562*		"	*0.0600*		*93.6*	*75-125*			
LCS Dup (P9C2708-BSD1)				Prepared & Analyzed: 03/27/19						
Benzene	0.115	0.00100	mg/kg wet	0.100		115	70-130	2.74	20	
Toluene	0.117	0.00100	"	0.100		117	70-130	5.53	20	
Ethylbenzene	0.103	0.00100	"	0.100		103	70-130	5.84	20	
Xylene (p/m)	0.228	0.00200	"	0.200		114	70-130	6.83	20	
Xylene (o)	0.115	0.00100	"	0.100		115	70-130	4.00	20	
Surrogate: 4-Bromofluorobenzene	*0.0604*		"	*0.0600*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0584*		"	*0.0600*		*97.4*	*75-125*			
Calibration Blank (P9C2708-CCB1)				Prepared & Analyzed: 03/27/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0662*		"	*0.0600*		*110*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0514*		"	*0.0600*		*85.8*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2708 - General Preparation (GC)										
Calibration Blank (P9C2708-CCB2)				Prepared & Analyzed: 03/27/19						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0670*		*"*	*0.0600*		*112*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0478*		*"*	*0.0600*		*79.6*	*75-125*			
Calibration Check (P9C2708-CCV1)				Prepared & Analyzed: 03/27/19						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0598*		*"*	*0.0600*		*99.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0605*		*"*	*0.0600*		*101*	*75-125*			
Calibration Check (P9C2708-CCV2)				Prepared & Analyzed: 03/27/19						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.118	0.00100	"	0.100		118	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0605*		*"*	*0.0600*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0608*		*"*	*0.0600*		*101*	*75-125*			
Calibration Check (P9C2708-CCV3)				Prepared & Analyzed: 03/27/19						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.210	0.00200	"	0.200		105	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0628*		*"*	*0.0600*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0636*		*"*	*0.0600*		*106*	*75-125*			

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Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2708 - General Preparation (GC)										
Matrix Spike (P9C2708-MS1)		**Source: 9C22013-09**		Prepared & Analyzed: 03/27/19						
Benzene	0.0923	0.00114	mg/kg dry	0.114	ND	81.2	80-120			
Toluene	0.0822	0.00114	"	0.114	ND	72.3	80-120			QM-05
Ethylbenzene	0.0836	0.00114	"	0.114	ND	73.6	80-120			QM-05
Xylene (p/m)	0.131	0.00227	"	0.227	ND	57.8	80-120			QM-05
Xylene (o)	0.0686	0.00114	"	0.114	ND	60.4	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.0698*		*"*	*0.0682*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0686*		*"*	*0.0682*		*101*	*75-125*			
Matrix Spike Dup (P9C2708-MSD1)		**Source: 9C22013-09**		Prepared & Analyzed: 03/27/19						
Benzene	0.0940	0.00114	mg/kg dry	0.114	ND	82.7	80-120	1.84	20	
Toluene	0.0897	0.00114	"	0.114	ND	78.9	80-120	8.75	20	QM-05
Ethylbenzene	0.0908	0.00114	"	0.114	ND	79.9	80-120	8.25	20	QM-05
Xylene (p/m)	0.146	0.00227	"	0.227	ND	64.3	80-120	10.7	20	QM-05
Xylene (o)	0.0781	0.00114	"	0.114	ND	68.7	80-120	13.0	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.0730*		*"*	*0.0682*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0759*		*"*	*0.0682*		*111*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2503 - * DEFAULT PREP *** **										
Blank (P9C2503-BLK1)				Prepared & Analyzed: 03/25/19						
% Moisture	ND	0.1	%							
Duplicate (P9C2503-DUP1)		**Source: 9C22005-03**		Prepared & Analyzed: 03/25/19						
% Moisture	5.0	0.1	%		9.0			57.1	20	R2
Duplicate (P9C2503-DUP2)		**Source: 9C22009-08**		Prepared & Analyzed: 03/25/19						
% Moisture	15.0	0.1	%		14.0			6.90	20	
Duplicate (P9C2503-DUP3)		**Source: 9C22011-05**		Prepared & Analyzed: 03/25/19						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P9C2503-DUP4)		**Source: 9C22011-17**		Prepared & Analyzed: 03/25/19						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P9C2503-DUP5)		**Source: 9C22013-12**		Prepared & Analyzed: 03/25/19						
% Moisture	13.0	0.1	%		12.0			8.00	20	
Duplicate (P9C2503-DUP6)		**Source: 9C22014-03**		Prepared & Analyzed: 03/25/19						
% Moisture	2.0	0.1	%		1.0			66.7	20	R2
Batch P9C2605 - * DEFAULT PREP *** **										
Blank (P9C2605-BLK1)				Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9C2605-BS1)				Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	401	1.00	mg/kg wet	400		100	80-120			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Lea Unit #8D (Legacy)
Project Number: 18-0138-03
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2605 - * DEFAULT PREP *** **										
LCS Dup (P9C2605-BSD1)				Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	400	1.00	mg/kg wet	400		99.9	80-120	0.307	20	
Matrix Spike (P9C2605-MS1)		**Source: 9C22011-17**		Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	570	1.08	mg/kg dry	538	24.5	102	80-120			
Matrix Spike (P9C2605-MS2)		**Source: 9C25007-01**		Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	4740	12.0	mg/kg dry	1200	3410	111	80-120			
Matrix Spike Dup (P9C2605-MSD1)		**Source: 9C22011-17**		Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	565	1.08	mg/kg dry	538	24.5	101	80-120	0.865	20	
Matrix Spike Dup (P9C2605-MSD2)		**Source: 9C25007-01**		Prepared: 03/26/19 Analyzed: 03/27/19						
Chloride	4710	12.0	mg/kg dry	1200	3410	108	80-120	0.689	20	

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2603 - TX 1005										
Blank (P9C2603-BLK1)				Prepared: 03/26/19 Analyzed: 03/30/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*79.8*		*"*	*100*		*79.8*	*70-130*			
Surrogate: o-Terphenyl	*41.4*		*"*	*50.0*		*82.9*	*70-130*			
LCS (P9C2603-BS1)				Prepared: 03/26/19 Analyzed: 03/30/19						
C6-C12	868	25.0	mg/kg wet	1000		86.8	75-125			
>C12-C28	1140	25.0	"	1000		114	75-125			
Surrogate: 1-Chlorooctane	*95.3*		*"*	*100*		*95.3*	*70-130*			
Surrogate: o-Terphenyl	*38.4*		*"*	*50.0*		*76.9*	*70-130*			
LCS Dup (P9C2603-BSD1)				Prepared: 03/26/19 Analyzed: 03/30/19						
C6-C12	852	25.0	mg/kg wet	1000		85.2	75-125	1.80	20	
>C12-C28	1110	25.0	"	1000		111	75-125	2.44	20	
Surrogate: 1-Chlorooctane	*92.4*		*"*	*100*		*92.4*	*70-130*			
Surrogate: o-Terphenyl	*36.8*		*"*	*50.0*		*73.7*	*70-130*			
Calibration Blank (P9C2603-CCB1)				Prepared: 03/26/19 Analyzed: 03/30/19						
C6-C12	7.22		mg/kg wet							
>C12-C28	22.9		"							
Surrogate: 1-Chlorooctane	*80.9*		*"*	*100*		*80.9*	*70-130*			
Surrogate: o-Terphenyl	*42.5*		*"*	*50.0*		*85.0*	*70-130*			
Calibration Check (P9C2603-CCV1)				Prepared: 03/26/19 Analyzed: 03/29/19						
C6-C12	413	25.0	mg/kg wet	500		82.7	85-115			
>C12-C28	503	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*88.5*		*"*	*100*		*88.5*	*70-130*			
Surrogate: o-Terphenyl	*39.2*		*"*	*50.0*		*78.4*	*70-130*			

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Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P9C2603 - TX 1005										
Calibration Check (P9C2603-CCV2)				Prepared: 03/26/19 Analyzed: 03/30/19						
C6-C12	428	25.0	mg/kg wet	500		85.7	85-115			
>C12-C28	472	25.0	"	500		94.4	85-115			
Surrogate: 1-Chlorooctane	*92.2*		*"*	*100*		*92.2*	*70-130*			
Surrogate: o-Terphenyl	*41.1*		*"*	*50.0*		*82.2*	*70-130*			
Calibration Check (P9C2603-CCV3)				Prepared: 03/26/19 Analyzed: 03/31/19						
C6-C12	516	25.0	mg/kg wet	500		103	85-115			
>C12-C28	521	25.0	"	500		104	85-115			
Surrogate: 1-Chlorooctane	*116*		*"*	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*51.5*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike (P9C2603-MS1)	**Source: 9C25009-01**			Prepared: 03/26/19 Analyzed: 03/30/19						
C6-C12	817	25.5	mg/kg dry	1020	11.4	79.0	75-125			
>C12-C28	1290	25.5	"	1020	90.1	117	75-125			
Surrogate: 1-Chlorooctane	*113*		*"*	*102*		*110*	*70-130*			
Surrogate: o-Terphenyl	*47.2*		*"*	*51.0*		*92.5*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

ROI	Received on Ice
R2	The RPD exceeded the acceptance limit.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 4/2/2019

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Larson & Associates, Inc.	Project: Lea Unit #8D (Legacy)	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-03	
Midland TX, 79710	Project Manager: Mark Larson	

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Page 815 of 869

№ 0607

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 3/22/19 PAGE 1 OF 1

PO#: LAB WORK ORDER#: 9C22014

PROJECT LOCATION OR NAME: Lea unit # 8D

LAI PROJECT #: 18-0138-03 COLLECTOR: RO

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐ M300	FIELD NOTES
DP-7.5(2')	01	3/20/19	16:32	S	1				X		X		X	X	X														X	
DP-9.6(1.5)	02	1	16:40	1	1				1		1		1	1	1														1	
DP-9.7(1.5')	03	1	16:45	1	1				1		1		1	1	1														1	
TOTAL																														

RELINQUISHED BY: (Signature) Amanda Larson DATE/TIME 3/22/19 15:00 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 3/22/19 1500 RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.1-2.1 THERM#: CF1, C2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 1/26/2026 9:33:53 AM

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Received by OCD: 5/26/2026 9:33:53 AM

Certificate of Analysis Summary 620065

Larson and Associates, Inc., Midland, TX

Project Name: Lea #8D

Project Id: 18-0138-03
Contact: Mark Larson
Project Location:

Date Received in Lab: Thu Apr-04-19 10:05 am
Report Date: 16-APR-19
Project Manager: Holly Taylor

Analysis Requested											
	Lab Id:	620065-001		620065-002		620065-003		620065-004		620065-005	
	Field Id:	DP-4.1 (0.75')		DP-4.2 (0.75')		DP-4.3 (0.75')		DP-4.4 (0.75')		DP-4.5 (1.5')	
	Depth:										
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Apr-02-19 14:30		Apr-02-19 14:31		Apr-02-19 14:32		Apr-02-19 14:33		Apr-02-19 14:35	
BTEX by EPA 8021B	***Extracted:***	Apr-10-19 14:30		Apr-10-19 14:30		Apr-10-19 14:30		Apr-10-19 14:30		Apr-10-19 14:30	
	Analyzed:	Apr-10-19 18:24		Apr-10-19 18:43		Apr-10-19 19:02		Apr-10-19 19:21		Apr-10-19 19:40	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200
m,p-Xylenes		<0.00402	0.00402	<0.00396	0.00396	<0.00398	0.00398	<0.00397	0.00397	<0.00399	0.00399
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00200	0.00200

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager

Final 1.000

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Analytical Report 620065

for

Larson and Associates, Inc.

Project Manager: Mark Larson

Lea #8D

18-0138-03

16-APR-19

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-18-28), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-18-17), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-18-18)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757)
Xenco-Atlanta (LELAP Lab ID #04176)
Xenco-Tampa: Florida (E87429), North Carolina (483)
Xenco-Lakeland: Florida (E84098)

16-APR-19

Project Manager: **Mark Larson**
Larson and Associates, Inc.
P. O. Box 50685
Midland, TX 79710

Reference: XENCO Report No(s): **620065**
Lea #8D
Project Address:

Mark Larson :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 620065. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 620065 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Holly Taylor

Holly Taylor
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Sample Cross Reference 620065

Larson and Associates, Inc., Midland, TX

Lea #8D

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
DP-4.1 (0.75')	S	04-02-19 14:30		620065-001
DP-4.2 (0.75')	S	04-02-19 14:31		620065-002
DP-4.3 (0.75')	S	04-02-19 14:32		620065-003
DP-4.4 (0.75')	S	04-02-19 14:33		620065-004
DP-4.5 (1.5')	S	04-02-19 14:35		620065-005

CASE NARRATIVE

Client Name: Larson and Associates, Inc.

Project Name: Lea #8D

Project ID: *18-0138-03*
Work Order Number(s): *620065*

Report Date: *16-APR-19*
Date Received: *04/04/2019*

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3085314 BTEX by EPA 8021B
Soil samples were not received in Terracore kits and therefore were prepared by method 5030.
Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected.
Samples affected are: 620065-002.

Certificate of Analytical Results 620065

Larson and Associates, Inc., Midland, TX

Lea #8D

Sample Id:	**DP-4.1 (0.75')**	Matrix:	Soil	Date Received:	04.04.19 10.05
Lab Sample Id:	620065-001	Date Collected:	04.02.19 14.30		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	SCM			% Moisture:	
Analyst:	SCM	Date Prep:	04.10.19 14.30	Basis:	Wet Weight
Seq Number:	3085314				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	04.10.19 18.24	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	04.10.19 18.24	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	04.10.19 18.24	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	04.10.19 18.24	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	04.10.19 18.24	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	04.10.19 18.24	U	1
Total BTEX		<0.00201	0.00201	mg/kg	04.10.19 18.24	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	04.10.19 18.24	
4-Bromofluorobenzene	460-00-4	113	%	70-130	04.10.19 18.24	

Certificate of Analytical Results 620065

Larson and Associates, Inc., Midland, TX

Lea #8D

Sample Id:	**DP-4.2 (0.75')**	Matrix:	Soil	Date Received:	04.04.19 10.05
Lab Sample Id:	620065-002	Date Collected:	04.02.19 14.31		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	SCM			% Moisture:	
Analyst:	SCM	Date Prep:	04.10.19 14.30	Basis:	Wet Weight
Seq Number:	3085314				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	04.10.19 18.43	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	04.10.19 18.43	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	04.10.19 18.43	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	04.10.19 18.43	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	04.10.19 18.43	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	04.10.19 18.43	U	1
Total BTEX		<0.00198	0.00198	mg/kg	04.10.19 18.43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	135	%	70-130	04.10.19 18.43	**
1,4-Difluorobenzene	540-36-3	104	%	70-130	04.10.19 18.43	

Certificate of Analytical Results 620065

Larson and Associates, Inc., Midland, TX

Lea #8D

Sample Id:	**DP-4.3 (0.75')**	Matrix:	Soil	Date Received:	04.04.19 10.05
Lab Sample Id:	620065-003	Date Collected:	04.02.19 14.32		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	SCM			% Moisture:	
Analyst:	SCM	Date Prep:	04.10.19 14.30	Basis:	Wet Weight
Seq Number:	3085314				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	04.10.19 19.02	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	04.10.19 19.02	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	04.10.19 19.02	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	04.10.19 19.02	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	04.10.19 19.02	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	04.10.19 19.02	U	1
Total BTEX		<0.00199	0.00199	mg/kg	04.10.19 19.02	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	106	%	70-130	04.10.19 19.02	
4-Bromofluorobenzene	460-00-4	118	%	70-130	04.10.19 19.02	

Certificate of Analytical Results 620065

Larson and Associates, Inc., Midland, TX

Lea #8D

Sample Id:	**DP-4.4 (0.75')**	Matrix:	Soil	Date Received:	04.04.19 10.05
Lab Sample Id:	620065-004	Date Collected:	04.02.19 14.33		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	SCM			% Moisture:	
Analyst:	SCM	Date Prep:	04.10.19 14.30	Basis:	Wet Weight
Seq Number:	3085314				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	04.10.19 19.21	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	04.10.19 19.21	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	04.10.19 19.21	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	04.10.19 19.21	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	04.10.19 19.21	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	04.10.19 19.21	U	1
Total BTEX		<0.00198	0.00198	mg/kg	04.10.19 19.21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	122	%	70-130	04.10.19 19.21	
1,4-Difluorobenzene	540-36-3	104	%	70-130	04.10.19 19.21	

Certificate of Analytical Results 620065

Larson and Associates, Inc., Midland, TX

Lea #8D

Sample Id:	**DP-4.5 (1.5')**	Matrix:	Soil	Date Received:	04.04.19 10.05
Lab Sample Id:	620065-005	Date Collected:	04.02.19 14.35		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5030B
Tech:	SCM			% Moisture:	
Analyst:	SCM	Date Prep:	04.10.19 14.30	Basis:	Wet Weight
Seq Number:	3085314				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	04.10.19 19.40	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	04.10.19 19.40	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	04.10.19 19.40	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	04.10.19 19.40	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	04.10.19 19.40	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	04.10.19 19.40	U	1
Total BTEX		<0.00200	0.00200	mg/kg	04.10.19 19.40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	120	%	70-130	04.10.19 19.40	
1,4-Difluorobenzene	540-36-3	105	%	70-130	04.10.19 19.40	

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

***** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

QC Summary 620065

Larson and Associates, Inc.

Lea #8D

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3085314 | Matrix: Solid | Date Prep: 04.10.19
MB Sample Id: 7675535-1-BLK | LCS Sample Id: 7675535-1-BKS | LCSD Sample Id: 7675535-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.0999	101	0.101	101	70-130	1	35	mg/kg	04.10.19 16:25	
Toluene	<0.00198	0.0992	0.0939	95	0.0959	96	70-130	2	35	mg/kg	04.10.19 16:25	
Ethylbenzene	<0.00198	0.0992	0.0960	97	0.0986	99	70-130	3	35	mg/kg	04.10.19 16:25	
m,p-Xylenes	<0.00101	0.198	0.192	97	0.197	99	70-130	3	35	mg/kg	04.10.19 16:25	
o-Xylene	<0.00198	0.0992	0.0971	98	0.0992	99	70-130	2	35	mg/kg	04.10.19 16:25	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	105		101		100		70-130	%	04.10.19 16:25
4-Bromofluorobenzene	100		102		100		70-130	%	04.10.19 16:25

Analytical Method: BTEX by EPA 8021B | Prep Method: SW5030B
Seq Number: 3085314 | Matrix: Soil | Date Prep: 04.10.19
Parent Sample Id: 620065-001 | MS Sample Id: 620065-001 S | MSD Sample Id: 620065-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000386	0.100	0.0945	95	0.0869	86	70-130	8	35	mg/kg	04.10.19 17:03	
Toluene	0.00105	0.100	0.0887	88	0.0856	84	70-130	4	35	mg/kg	04.10.19 17:03	
Ethylbenzene	0.000614	0.100	0.0889	88	0.0861	85	70-130	3	35	mg/kg	04.10.19 17:03	
m,p-Xylenes	0.00170	0.201	0.177	87	0.174	85	70-130	2	35	mg/kg	04.10.19 17:03	
o-Xylene	0.000694	0.100	0.0904	90	0.0890	87	70-130	2	35	mg/kg	04.10.19 17:03	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	102		97		70-130	%	04.10.19 17:03
4-Bromofluorobenzene	104		109		70-130	%	04.10.19 17:03

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

Page 828 of 869

162 Cubes

№ 0610

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 4/4/19 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Lea #3D

LAI PROJECT #: 1B-0138-03 COLLECTOR: RD

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE: Time zone/State: MST

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐	TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐	HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TBLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	RCI ☐	TOX ☐	TCLP ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
DP-4.1(0.75')		4/2/19	14:30	S	1				X		X																																				
DP-4.2(0.75')			14:31																																												
DP-4.3(0.75')			14:32																																												
DP-4.4(0.75')			14:33																																												
DP-4.5(1.5')			14:35																																												

TOTAL 5

RELINQUISHED BY:(Signature) DATE/TIME 4/4/19 RECEIVED BY: (Signature) 10:05

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: RD Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6 THERM#: 18
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Final 1.000
Page 13 of 14
Received by OCD: 5/26/2026 9:33:53 AM
Released to Imaging: 6/1/2026 1:09:57 PM

XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Larson and Associates, Inc.

Date/ Time Received: 04/04/2019 10:05:00 AM

Work Order #: 620065

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.6
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 04/04/2019

Brianna Teel

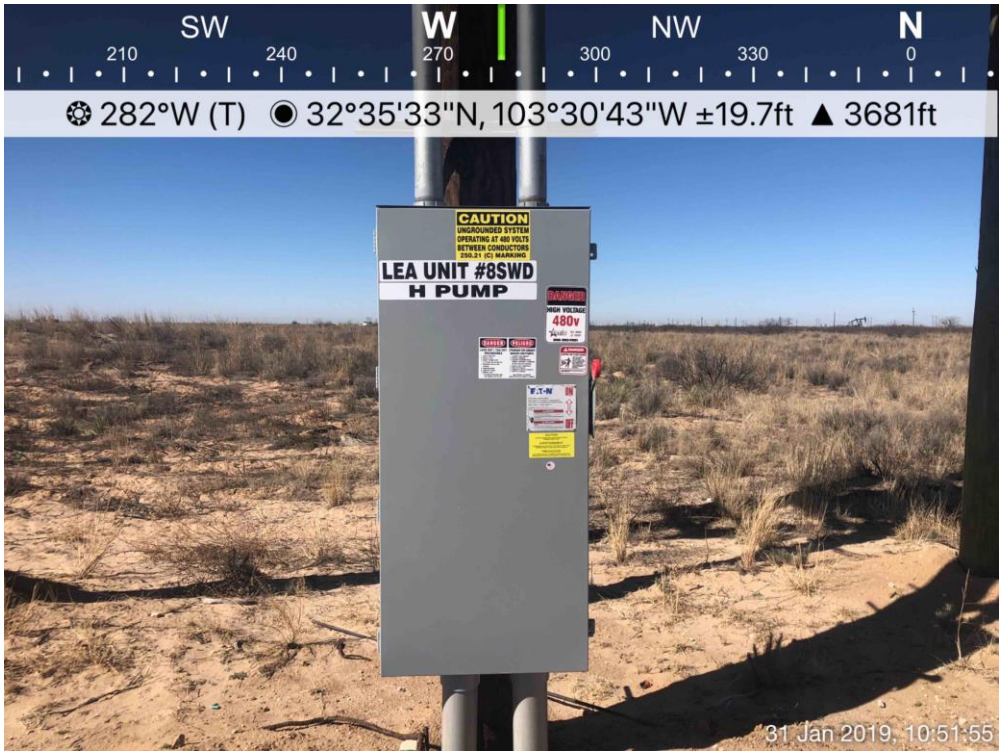
Checklist reviewed by: Holly Taylor Date: 04/05/2019

Holly Taylor

Appendix D

Photographs

Lea Unit #8D
LEA COUNTY, NEW MEXICO
APRIL 24, 2019



Lea Unit #8D SWD Viewing Northwest, January 31, 2019



Spill Area Viewing Northeast, September 26, 2018

Lea Unit #8D
LEA COUNTY, NEW MEXICO
APRIL 24, 2019



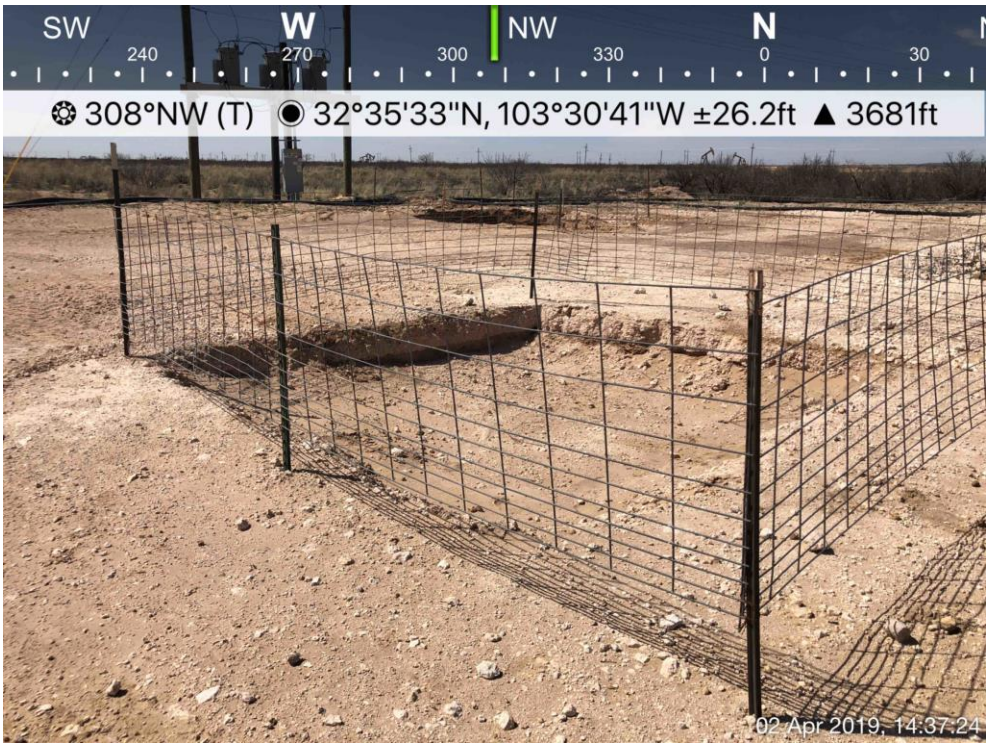
Spill Area Viewing Southeast, September 26, 2018



DP-2 Excavation Viewing Northeast, March 20, 2019



DP-3 Excavation Viewing West, April 2, 2019



DP-4 Excavation viewing Northwest, April 2, 2019



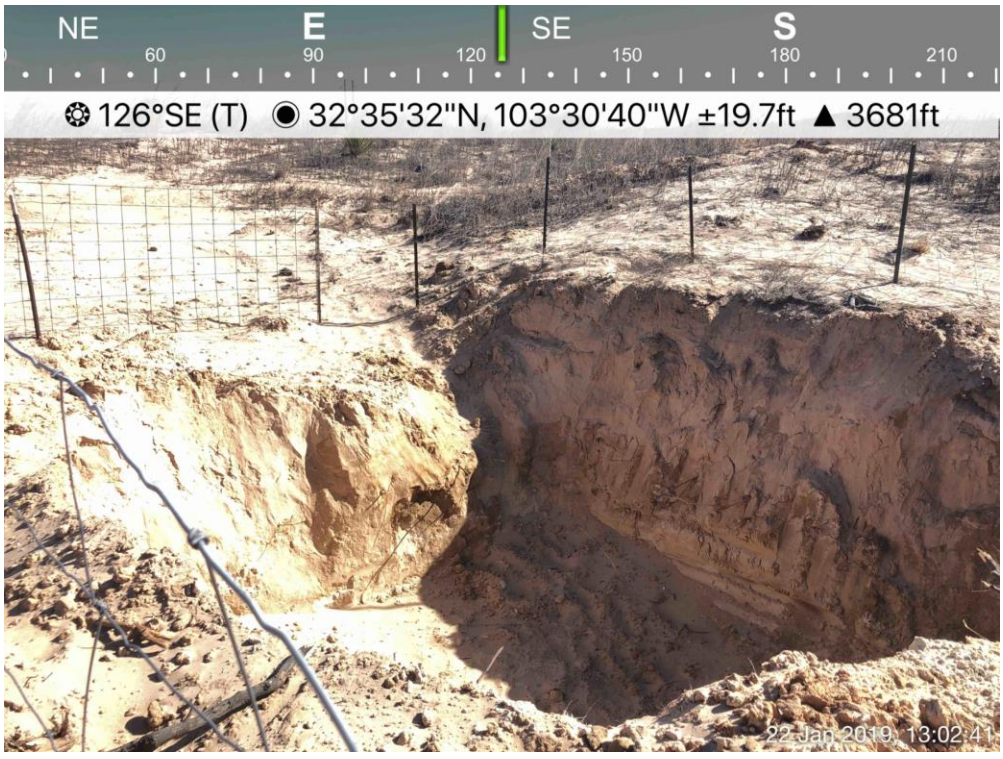
DP-6 and DP-7 Excavations Viewing North, April 2, 2019



DP-8 Excavation Viewing East, April 2, 2019



DP-9 Excavation Viewing Northwest, March 20, 2019



DP-12 Excavation Viewing Southeast, January 22, 2019

Appendix E

Waste Manifests

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-973390
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	1/18/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	1/18/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD MAINTEN	Well #:	008
Driver	JOE	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-973354
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	1/18/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	1/18/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-973414
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	1/18/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	1/18/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A0156O3

1/18/2019

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-973307
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	1/18/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	1/18/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-973332
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	1/18/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	1/18/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A0156IX

1/18/2019 10:56:07

Manifest #

Lazy Ace Landfarm

Lease Operator Information:

Name: Legacy

Address: Hobbs NM

Phone #: 432-234-9150

Originating Location of waste material:

Lease Name: Lea Unit #D

Sec. _____ T _____ R _____

Transporter Information:

Name: Super Vac Oilfield Services

Address: Hobbs NM

Phone #: 575-631-1217

Driver Signature: _____

Date: 1/21/19

Non-Hazardous Hydro-Carbons:

of Yards: 75

Waste material placed in cell number: _____

Lazy Ace Landfarm, L.L.C.
P.O. Box 130
Eunice, NM 88231

Permit # NM 01-0041
W1/2SW1/4 S22T20SR34E

Contacts:
Danny Berry
(575) 393-6964 - Home
(575) 369-5266 - Cell

" As a condition of acceptance for disposal, I hereby certify that this waste is an exempt waste as defined by the Environmental Protection Agency (EPA). The waste are: generated from oil and gas exploration and production operations, exempt from Resource Conservation and Recovery Act (RCRA) Subtitle C Regulations: and not mixed with non-exempt waste."

Facility Representative: Rachel Owen Date: 01/21/19

White - Original **Canary - Invoice** **Pink - Trucker**

Manifest #

Lazy Ace Landfarm

Lease Operator Information:

Name: Legacy

Address: Hobbs NM

Phone #: 432 239- 9450

Originating Location of waste material:

Lease Name: Lea unit # D

Sec. _____ T _____ R _____

Transporter Information:

Name: Sigma Oilfield Services

Address: Hobbs NM

Phone #: 575 631 1217

Driver Signature: _____

Date: 1/21/19

Non-Hazardous Hydro-Carbons:

of Yards: 80

Waste material placed in cell number: _____

Lazy Ace Landfarm, L.L.C.
P.O. Box 130
Eunice, NM 88231

Permit # NM 01-0041
W1/2SW1/4 S22T20SR34E

Contacts:
Danny Berry
(575) 393-6964 - Home
(575) 369-5266 - Cell

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Facility Representative: Rachel Owen Date: 1/21/19

White - Original **Canary - Invoice** **Pink - Trucker**

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993126
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	7	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993163
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNGINHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD MAINTEN	Well #:	008
Driver	JOE	Field:	
Truck #	8	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993268
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERA
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	7	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993294
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOSE	Field:	
Truck #	7	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993227
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERA
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	7	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993098
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD MAINTEN	Well #:	008
Driver	JOE	Field:	
Truck #	7	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-993322
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/20/2019
AFE #:		Generator:	LEGACY RESERVES OPERA
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/20/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	JOE	Field:	
Truck #	20	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis.	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991489
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	3	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	15.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991519
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	3	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	15.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	8	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991543
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	3	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	15.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991618
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	15	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A016EDV

3/15/2019 2:04:23PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991584
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	15	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A016EBM 3/15/2019 12:57:50 PM

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991565
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	3	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Perm Basin

Facil CRI

Prod Service Quantity Units

Cont ated Soil (RCRA Exempt) 15.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab sis:	50/51	0.00	0.00	0.00	0						

Gen **Certification Statement of Waste Status**

I Per tify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July tory determination, the above described waste is:

X E Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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Driv **ent Signature** **R360 Representative Signature**

_____ _____

Ap **Approval**

THIS IS NOT AN INVOICE!

Ap By: _____ Date: _____

SEAA 3/15/2019 11:42:35

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-991651
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	3/15/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	02431
Manif. Date:	3/15/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	008
Driver	DENNIS	Field:	
Truck #	15	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	50/51	0.00	0.00	0.00	0						

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

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__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	nOY1826757876
District RP	1RP-5201
Facility ID	
Application ID	pOY1826756384

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- [x] Detailed description of proposed remediation technique
- [x] Scaled sitemap with GPS coordinates showing delineation points
- [x] Estimated volume of material to be remediated
- [x] Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- [x] Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- [x] Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- [x] Extents of contamination must be fully delineated.
- [x] Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Brian Cunningham Title: Production Foreman

Signature: Brian Cunningham Date: 4/08/2019

email: bcunningham@legacylp.com Telephone: 432-234-9450

OCD Only

Received by: Dylan Rose-Coss Date: 04/24/2019

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature: Dylan Rose-Coss Date: 06/24/2019

Received by OCD: 5/26/2026 9:33:53 AM

Released to Imaging: 6/1/2026 1:09:57 PM

Rose-Coss, Dylan H, EMNRD

From: Rose-Coss, Dylan H, EMNRD
Sent: Monday, June 24, 2019 3:44 PM
To: 'Rachel Owen'; jamos@blm.gov
Cc: Mark Larson; bcunningham@legacylp.com
Subject: RE: Deferral Request for 1RP-5201, Lea Unit #8D, Legacy Reserves

Ms. Owen,

The OCD has reviewed and accepts the deferral request for the Legacy Reserves, Lea Unit #8D (1RP-5201). However, to complete closure at the time of abandonment, the OCD requests that additional sampling take place to ensure full soil characterization and remediation of areas in-between the currently remediated locations.

These locations will include, but are not limited to the areas in-between DP-2 and DP-6, the areas in-between DP-7 and DP-8, along with the areas between DP-8 and DP-12.

The request stems from concerns regarding soil sample results in which hydrocarbon concentrations fluctuated with depth(i.e. DP-8). Because of the variability within the soil results, the OCD feels that there is some potential for contamination to be present at depth in the areas not represented within the confines of the zones already remediated.

On the other hand, no additional work is required at this time and the site is considered deferred until such time that it is decommissioned.

Thanks, and let me know if you have any questions.

Regards,

Dylan Rose-Coss

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

(505) 476-3488

NOTE: This determination by the Oil Conservation Division does not relieve Operator of responsibility should future information indicate a threat to ground water, surface water, human health, or the environment. Furthermore, it does not relieve Operator of responsibility for compliance with any federal, state, or local laws and/or regulations.

From: Rachel Owen <rowen@laenvironmental.com>
Sent: Wednesday, April 24, 2019 2:59 PM
To: EMNRD-OCD-District1spills <EMNRD-OCD-District1spills@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Cc: Mark Larson <Mark@laenvironmental.com>; bcunningham@legacylp.com; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>
Subject: [EXT] Deferral Request for 1RP-5201, Lea Unit #8D, Legacy Reserves

All,

Larson & Associates, Inc. (LAI), on behalf of Legacy Reserves, LP (Legacy), submits the attached deferral request (see link below) for a crude oil spill at the Lea Unit #8D (1RP-5201) located in Lea County, New Mexico. Your approval of this report is requested. Please feel free to contact Mr. Brian Cunningham with Legacy bcunningham@legacylp.com, myself, or Mark Larson if you have any questions.

Respectfully,

Rachel Owen
Sr. Geoscientist
Larson & Associates
Phone: 432.664.5357
Email: rowen@laenvironmental.com

https://clicktime.symantec.com/3Eg1wMFDpM8ynHewKRbok9L7Vc?u=https%3A%2F%2Fdocumentcloud.adobe.com%2Flink%2Ftrack%3Furi%3Durn%253Aaaid%253Ascds%253AUS%253A4f4b3d17-f1cc-4e25-8ace-0681e1e2bdc8

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 587953

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 587953
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nRM1927332784**
Incident Name	**NRM1927332784 LEA UNIT #008 @ 30-025-02431**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-025-02431] LEA UNIT #008**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LEA UNIT #008
Date Release Discovered	07/02/2019
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
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	
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.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Flow Line - Production | Produced Water | Released: 196 BBL | Recovered: 0 BBL | Lost: 196 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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.*

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

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 587953
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/26/2026

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

General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 587953
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
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.	
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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 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	Yes

Remediation Plan	
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.	
Requesting a remediation plan approval with this submission	Yes
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.	
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)	800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	7320
GRO+DRO (EPA SW-846 Method 8015M)	6630
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
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.	
On what estimated date will the remediation commence	04/17/2026
On what date will (or did) the final sampling or liner inspection occur	04/23/2026
On what date will (or was) the remediation complete(d)	04/29/2026
What is the estimated surface area (in square feet) that will be reclaimed	175362
What is the estimated volume (in cubic yards) that will be reclaimed	2450
What is the estimated surface area (in square feet) that will be remediated	13250
What is the estimated volume (in cubic yards) that will be remediated	2450
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.	
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.	

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QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 587953
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(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)	*Not answered.*
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 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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/26/2026
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.	

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 587953
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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
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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**573910**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/24/2026**
What was the (estimated) number of samples that were to be gathered	**70**
What was the sampling surface area in square feet	**10850**

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	13250
What was the total volume (cubic yards) remediated	2450
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	175362
What was the total volume (in cubic yards) reclaimed	2450
Summarize any additional remediation activities not included by answers (above)	The well was P/A'd and all open incidents were addressed. The site was re-assessed and both incidents were remediated. Following the remediation and removal of all contamination, the well pad and lease road were reclaimed and reseeded.

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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/26/2026

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	175362
What was the total volume of replacement material (in cubic yards) for this site	2450
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.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	05/20/2026
Summarize any additional reclamation activities not included by answers (above)	The well was P/A'd and all open incidents were addressed. The site was re-assessed and both incidents were remediated. Following the remediation and removal of all contamination, the well pad and lease road were reclaimed and reseeded. The entire area was reseeded with BLM #2 LPC seed mix.
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 reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/26/2026

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QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
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.	

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation and Reclamation closure approved.	6/1/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	6/1/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	6/1/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	6/1/2026