CARMONA RESOURCES

SITE INFORMATION

Closure Report
Spill West of Marathon Road (11.12.2018)
Incident ID: nCH1835254557
Lea County, New Mexico
Unit N, Sec 12, T20S, R34E
32.58062°, -103.516901°

Produced Water Release
Point of Release: Fusion in a Polyline Split
Release Date: 11.12.2018
Volume Released: 2,200 barrels of Produced Water
Volume Recovered: 380 Barrels of Produced Water

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

Prepared by:
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CARMONA RESOURCES

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CARMONA RESOURCES

May 11, 2026

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

Re: Closure Report
Spill West of Marathon Road (11.12.2018)
Incident ID: nCH1835254557
Coterra Energy Operating Co.
Site Location: Unit N, S12, T20S, R34E
(Lat 32.58062°, Long -103.516901°)
Lea County, New Mexico

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra), Carmona Resources LLC has prepared this letter to document site assessment and remediation activities for the Spill West of Marathon Road. The site is located at 32.58062°, -103.516901° within Unit N, S12, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 12, 2018, due to a fusion in a polyline split. It was estimated that approximately two thousand two hundred (2,200) barrels of produced water had been released, with three hundred eighty (380) barrels of produced water recovered. The spill boundaries are shown in Figure 3. 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 active water wells within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.10 miles Southeast of the site in S13, T20S, R34E, and was drilled in 2025. The GWDB was drilled to a depth of 60 feet below ground surface (ft bgs) with groundwater detected at 52 ft bgs and was drilled in 2025. A copy of the associated well log and plugging report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing 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: 10,000 mg/kg.

4.0 Previous Remediation Activities

Section 4.0 below references a previously denied closure report and can be found in Appendix E

On May 16, 2023, a closure report was submitted and denied by the NMOCD. The following statement from the NMOCD explains why the closure report was denied:

"Closure denied. Site does not meet the requirements of 19.15.29.13 NMAC. Horizontal delineation submitted was incomplete and did not meet the requirements of 19.15.29.11 NMAC. The values for determination of horizontal impact are derived by either approved "background" values or Table I Closure Criteria for

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releases where groundwater is at a depth of 50 feet or less. A visual footprint on the surface is not sufficient to assess the horizontal extent of the release. Laboratory data must be provided as evidence of delineation efforts. Any sample exceeding approved "background" values or Table I Closure Criteria for releases where groundwater is at a depth of 50 feet or less requires additional samples for horizontal delineation. OCD is unable to determine which well is being used to determine depth to groundwater. The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater. 1RP-5277 closed. Refer to incident #NCH1835254557 in all future communication. Submit a complete report though the OCD Permitting website by 8/16/2023."

In the Spring of 2025, Coterra Energy Operating acquired nearby wells and tank battery's associated with this release from Avant Operating, LLC and took over incident management. During that time, a desktop review was conducted to determine if any additional remedial work was conducted since the denial message above. Following the review, it was determined to conduct a site assessment of the release area as well as to install a GWDB nearby to assist in the closure of this release along with others per 19.15.29.12 NMAC.

5.0 Site Assessment Activities

Initial Assessment

On February 9, 2026, Carmona Resources personnel performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven (7) soil samples (S-1 and S-7) and seven (7) horizontal samples (H-1 through H-7) were installed to total depths ranging from surface to 4.5 ft bgs inside and surrounding the release area. 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 soil samples for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1 for analytical results.

Horizontal Delineation

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

6.0 Remediation Activities

Beginning on March 9, 2026, Carmona Resources personnel were onsite to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on March 6, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of S-5 and S-6 were excavated to depths ranging from 2.5 ft to 3.5 ft bgs. A total of eleven (11) confirmation floor samples (CS-1 through CS-11), and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure the proper removal of the contaminated soil. Confirmation sampling concluded on March 12, 2026. 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 Labs 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. The excavation depths and confirmation sample locations are shown in Figure 4.

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All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 2,160 square feet of contamination was remediated, resulting in 300 cubic yards of material excavated and transported offsite for proper disposal. A composite backfill sample from the Smith Ranch Pit, located at 32.628757°, -103.611577° and was collected for laboratory analysis on March 12, 2026, before being utilized. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 2.

7.0 Reclamation Activities

Beginning on April 8, 2026, H&R Enterprises, LLC 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 re-vegetation. On April 30, 2026, the entire area was reseeded with BLM #2 LPC seed mix via a tractor pulled seed drill. The estimated reclamation area is approximately 5,107 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 Conclusions

Based on the assessment and analytical data from the remediation, 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 Jr.
Project Manager

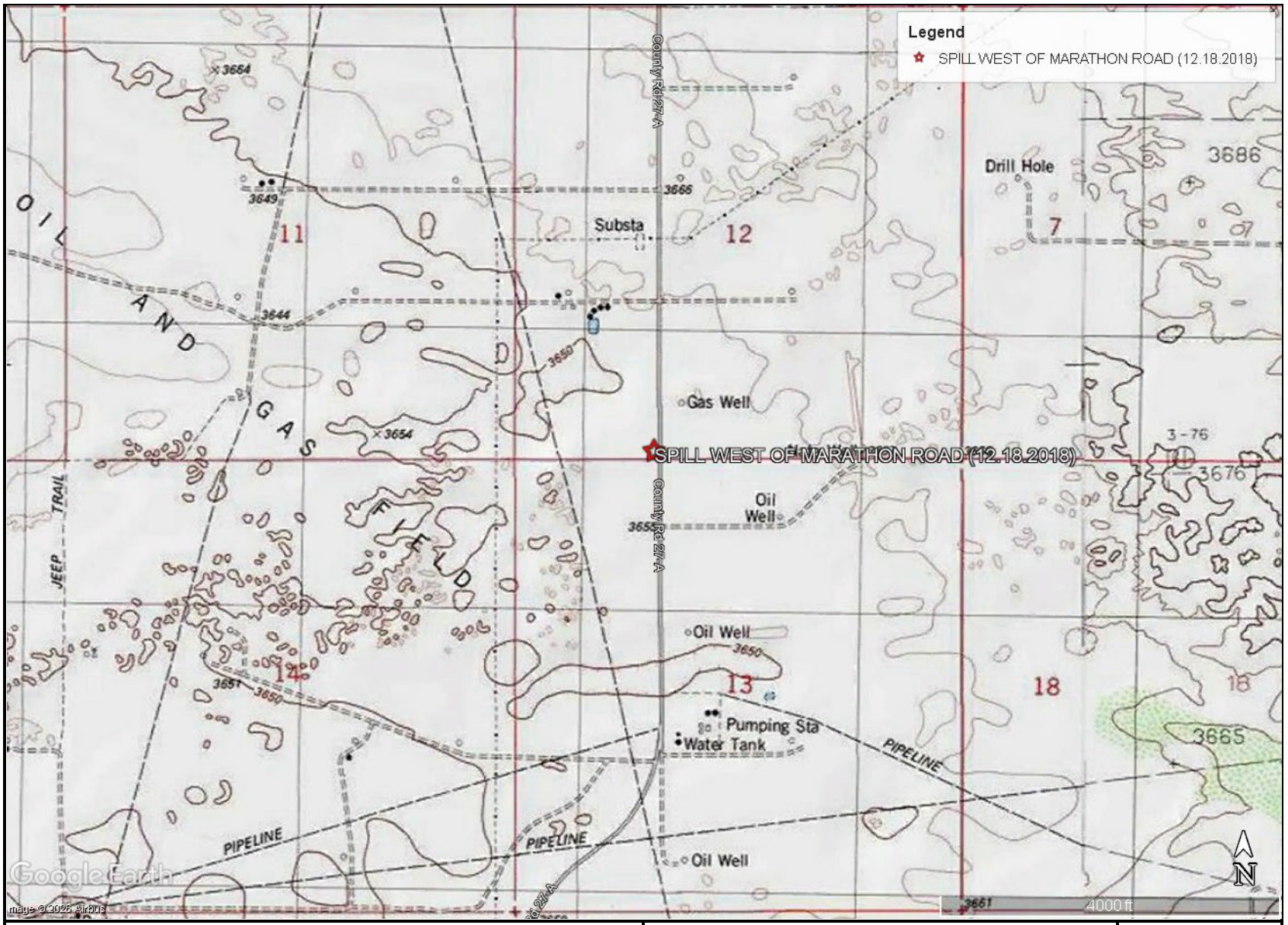
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FIGURES

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OVERVIEW MAP COTERRA ENERGY OPERATING CO. SPILL WEST OF MARATHON ROAD (11.12.2018) LEA COUNTY, NEW MEXICO 32.58062°, -103.516901°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP COTERRA ENERGY OPERATING CO. SPILL WEST OF MARATHON ROAD (11.12.2018) LEA COUNTY, NEW MEXICO 32.58062°, -103.516901°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP COTERRA ENERGY OPERATING CO. SPILL WEST OF MARATHON ROAD (11.12.2018) LEA COUNTY, NEW MEXICO 32.58062°, -103.516901°	CARMONA RESOURCES	FIGURE 3



EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. SPILL WEST OF MARATHON ROAD (11.12.2018) LEA COUNTY, NEW MEXICO 32.58062°, -103.516901°	CARMONA RESOURCES	FIGURE 4



RECLAMATION MAP COTERRA ENERGY OPERATING CO. SPILL WEST OF MARATHON ROAD (11.12.2018) LEA COUNTY, NEW MEXICO 32.58062°, -103.516901°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

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Table 1
Coterra Energy Operating Co.
Spill West of Marathon Road (11.12.2018)
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'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
	"	3'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
S-2	2/9/2026	0-1'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
	"	2'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	56.7
	"	4'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	132
	"	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	57.3
S-3	2/9/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<10.1
	"	3'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	196
	"	4'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	584
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	854
S-4	2/9/2026	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
	"	2'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	64.5
	"	3'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	171
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	312
	"	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	350
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

Table 1
Coterra Energy Operating Co.
Spill West of Marathon Road (11.12.2018)
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-5	2/9/2026	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	372
	"	2'	<49.7	**4,140**	**309**	**4,450**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,190**
	"	3'	<49.7	**536**	<49.7	**536**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**807**
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	479
	"	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	430
S-6	2/9/2026	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**748**
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**616**
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	271
	"	4'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	149
	"	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	172
S-7	2/9/2026	0-1'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.8
	"	2'	<49.9	55.9	<49.9	55.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18.0
	"	3'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	61.7
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	74.8
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	93.6
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
(S) - Sample Point
Removed

Table 1
Coterra Energy Operating Co.
Spill West of Marathon Road (11.12.2018)
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'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.96
H-2	2/9/2026	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-3	2/9/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.1
H-4	2/9/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
H-5	2/9/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	58.8
H-6	2/9/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.90
H-7	2/9/2026	0-0.5'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<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.
Spill West of Marathon Road (11.12.2018)
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	3/12/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-2	3/12/2026	2.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.1
CS-3	3/12/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
CS-4	3/12/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.3
CS-5	3/12/2026	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	14.9
CS-6	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
CS-7	3/12/2026	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
CS-8	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.2
CS-9	3/12/2026	3.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
CS-10	3/12/2026	3.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	10.3
CS-11	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19.9
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

Table 2
Coterra Energy Operating Co.
Spill West of Marathon Road (11.12.2018)
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	3/12/2026	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
SW-2	3/12/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.96
SW-3	3/12/2026	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	24.2
SW-4	3/12/2026	2.5'-3.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
SW-5	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.0
SW-6	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	13.7
SW-7	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.94
SW-8	3/12/2026	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
SW-9	3/12/2026	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.94
Backfill Sample	3/12/2026	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
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
(SW) - Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co

Photograph No. 1

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View Northeast, Area of CS-1 through CS-5.



Photograph No. 2

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View Southeast, Area of CS-1 through CS-5.



Photograph No. 3

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View Northeast, Area of CS-6 through CS-10.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

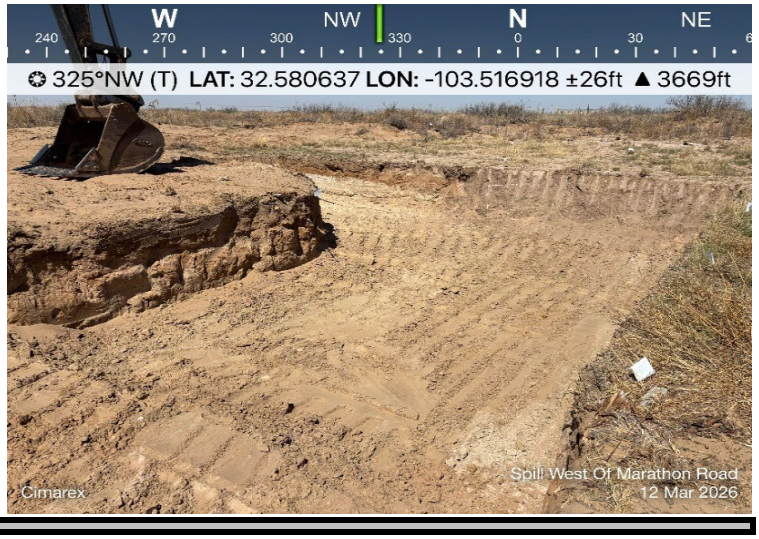
Coterra Energy Operating Co

Photograph No. 4

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View Northwest, Area of CS-6 through CS-10.



Photograph No. 5

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-7 through CS-11.



Photograph No. 6

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-10 and CS-11.



CARMONA RESOURCES

PHOTOGRAPHIC LOG

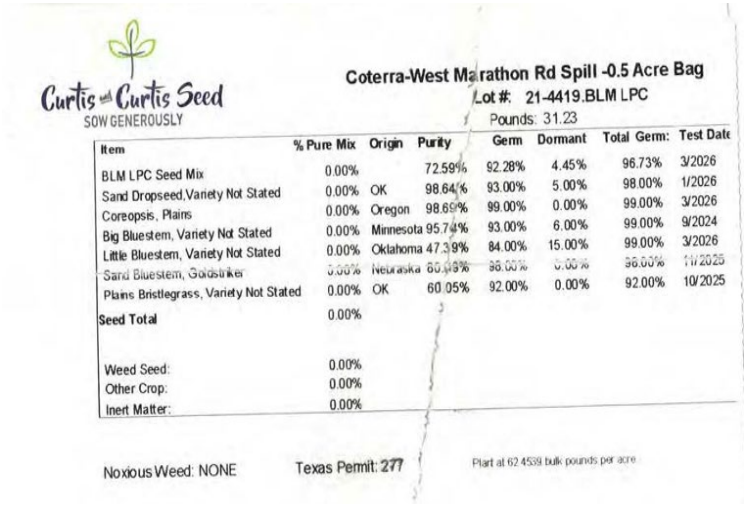
Coterra Energy Operating Co

Photograph No. 7

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View of seed tag.


Curtis and Curtis Seed
SOW GENEROUSLY

Coterra-West Marathon Rd Spill -0.5 Acre Bag
Lot #: 21-4419.BLM LPC
Pounds: 31.23

Item	% Pure Mix	Origin	Purity	Germ	Dormant	Total Germ:	Test Date
BLM LPC Seed Mix	0.00%		72.59%	92.28%	4.45%	96.73%	3/2026
Sand Dropseed,Variety Not Stated	0.00%	OK	98.64%	93.00%	5.00%	98.00%	1/2026
Coreopsis, Plains	0.00%	Oregon	98.69%	99.00%	0.00%	99.00%	3/2026
Big Bluestem, Variety Not Stated	0.00%	Minnesota	95.74%	93.00%	6.00%	99.00%	9/2024
Little Bluestem, Variety Not Stated	0.00%	Oklahoma	47.39%	84.00%	15.00%	99.00%	3/2026
Sand Bluestem, Goldstrike	0.00%	Nebraska	80.49%	98.00%	0.00%	98.00%	11/2025
Plains Bristlegrass, Variety Not Stated	0.00%	OK	60.05%	92.00%	0.00%	92.00%	10/2025
Seed Total	0.00%						
Weed Seed:	0.00%						
Other Crop:	0.00%						
Inert Matter:	0.00%						

Noxious Weed: NONE Texas Permit: 277 Plant at 62.4539 bulk pounds per acre

Photograph No. 8

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View of reseeding activites.



Photograph No. 9

Facility: Spill West of Marathon Road (11.12.2018)

County: Lea County, New Mexico

Description:
View of reseeding activites.



CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES



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

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560579
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCH1835254557**
Incident Name	**NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fCH1835254172] LEGACY SPILL WEST OF MARATHON ROAD**

Location of Release Source	
Site Name	**SPILL WEST OF MARATHON ROAD**
Date Release Discovered	**11/12/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,200
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/11/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Will be onsite to remediate the historical release. Recent site assessment onsite resulted in contamination still onsite.
Please provide any information necessary for navigation to sampling site	32.58062,-103.516901

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560579
	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.	3/6/2026
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.	3/6/2026

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

QUESTIONS

Action 560580

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560580
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCH1835254557**
Incident Name	**NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fCH1835254172] LEGACY SPILL WEST OF MARATHON ROAD**

Location of Release Source	
Site Name	**SPILL WEST OF MARATHON ROAD**
Date Release Discovered	**11/12/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,200
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/12/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Will be onsite to remediate the historical release. Recent site assessment onsite resulted in contamination still onsite.
Please provide any information necessary for navigation to sampling site	32.58062,-103.516901

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

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560580
	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.	3/6/2026
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.	3/6/2026

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560581
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCH1835254557**
Incident Name	**NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fCH1835254172] LEGACY SPILL WEST OF MARATHON ROAD**

Location of Release Source	
Site Name	**SPILL WEST OF MARATHON ROAD**
Date Release Discovered	**11/12/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,200
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Will be onsite to remediate the historical release. Recent site assessment onsite resulted in contamination still onsite.
Please provide any information necessary for navigation to sampling site	32.58062,-103.516901

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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: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560581
	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.	3/6/2026
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.	3/6/2026

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

QUESTIONS

Action 560582

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560582
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCH1835254557**
Incident Name	**NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fCH1835254172] LEGACY SPILL WEST OF MARATHON ROAD**

Location of Release Source	
Site Name	**SPILL WEST OF MARATHON ROAD**
Date Release Discovered	**11/12/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,200
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/16/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Will be onsite to remediate the historical release. Recent site assessment onsite resulted in contamination still onsite.
Please provide any information necessary for navigation to sampling site	32.58062,-103.516901

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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: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560582
	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.	3/6/2026
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.	3/6/2026

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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 560584

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560584
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCH1835254557**
Incident Name	**NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fCH1835254172] LEGACY SPILL WEST OF MARATHON ROAD**

Location of Release Source	
Site Name	**SPILL WEST OF MARATHON ROAD**
Date Release Discovered	**11/12/2018**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,200
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/17/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Will be onsite to remediate the historical release. Recent site assessment onsite resulted in contamination still onsite.
Please provide any information necessary for navigation to sampling site	32.58062,-103.516901

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

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 560584
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

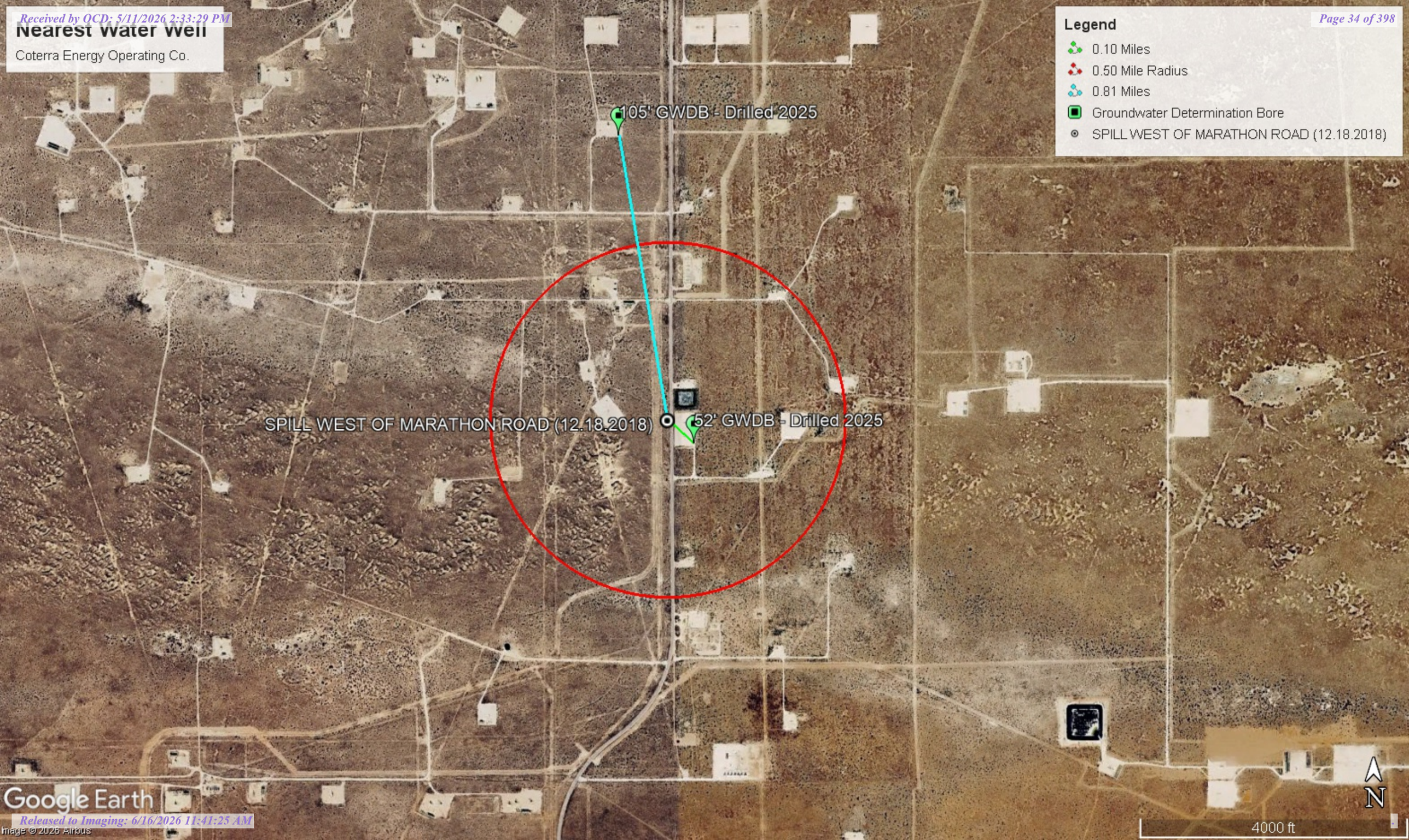
Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/6/2026
athielke	If confirmation sampling is going to take 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.	3/6/2026

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Coterra Energy Operating Co.



Received by OCD: 5/11/2026 2:33:29 PM

Low Karst

Coterra Energy Operating Co.

Legend

- Low
- SPILL WEST OF MARATHON ROAD (12.18.2018)

SPILL WEST OF MARATHON ROAD (12.18.2018)

Google Earth

Released to Imaging: 6/16/2026 11:41:25 AM

Image © 2026 Airbus

N

4000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 02092 POD1		CP	LE	NE	NE	NW	13	20S	34E	639320.6	3605662.2		156	60	52	8
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *		917	60		
CP 02083 POD1		CP	LE	SE	NW	NW	12	20S	34E	638959.6	3607049.5		1306	105		
CP 00655 POD1		CP	LE		SW	NW	14	20S	34E	637294.0	3605108.0 *		2019	210		
L 04157		L	LE		SW	SW	06	20S	35E	640483.0	3607561.0 *		2204	70	64	6
CP 02095 POD1		CP	LE	NE	NW	SE	24	20S	34E	639936.5	3603209.7		2659	105		
CP 00665		CP	LE		NW	SE	24	20S	34E	639740.0	3603128.0 *		2692	698	270	428
CP 00800 POD1		CP	LE	NE	NE	NE	22	20S	34E	637007.0	3603994.0 *		2822	220		
L 15987 POD1		L	LE	NW	NW	SE	19	20S	35E	641197.3	3603153.5		3286	105		
CP 01204 POD1		CP	LE	SW	NW	NW	25	20S	34E	638755.1	3602250.6		3544	370		

Average Depth to Water: **128 feet**

Minimum Depth: **52 feet**

Maximum Depth: **270 feet**

Record Count: 10

UTM Filters (in meters):

Easting: 639203.24

Northing: 3605766.29

Radius: 4000

*** UTM location was derived from PLSS - see Help**

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

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		CP-02092

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

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

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	34	46.8	N
	LONGITUDE	103	30	56.4	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

S13 T20s R34e

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)
11-17-25	11-17-25	60'	60'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

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

DATE STATIC MEASURED: 11-25-25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

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

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

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'	60'	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 *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

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

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'	10'	10'	Sand	Y ✓N	
10'	20'	10'	Sandy Caliche	Y ✓N	
20'	45'	25'	Sand	Y ✓N	
45'	60'	15'	Sandy 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	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DTGW Bore

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 11-25-25. DTGW bore was wet at 52'. Temporary well casing was removed, bore hole was plugged by Tremie with hydrated bentonite hole plug to surface.

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

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

12-1-25 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

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-02092

Well owner: Coterra Energy Co. 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: 11/25/25 Date well plugging concluded: 11/25/25

5) GPS Well Location: Latitude: 32 deg, 34 min, 46.8 sec
Longitude: 103 deg, 30 min, 56.4 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 60' ft below ground level (bgl), by the following manner: Well Sounder

7) Static water level measured at initiation of plugging: 52' ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 9/29/25

9) Were all plugging activities consistent with an approved plugging plan? no If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

In the approved plugging plan, we were planning on plugging from 105' BGS to surface. We did encounter water during drilling at 52', driller stopped at 60'. The well is plugged from 60' BGS to surface with hydrated bentonite hole plug.

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' - 60' Hydrated Bentonite	Approx. 39 gallons	39 gallons	Tremie Pipe	

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

12/1/25
Date

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, TOWNSHJIP, 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):

Version: September 8, 2009
Page 1 of 2

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

SPILL WEST OF MARATHON ROAD (12.18.2018)



2/16/2026

World_Hillshade

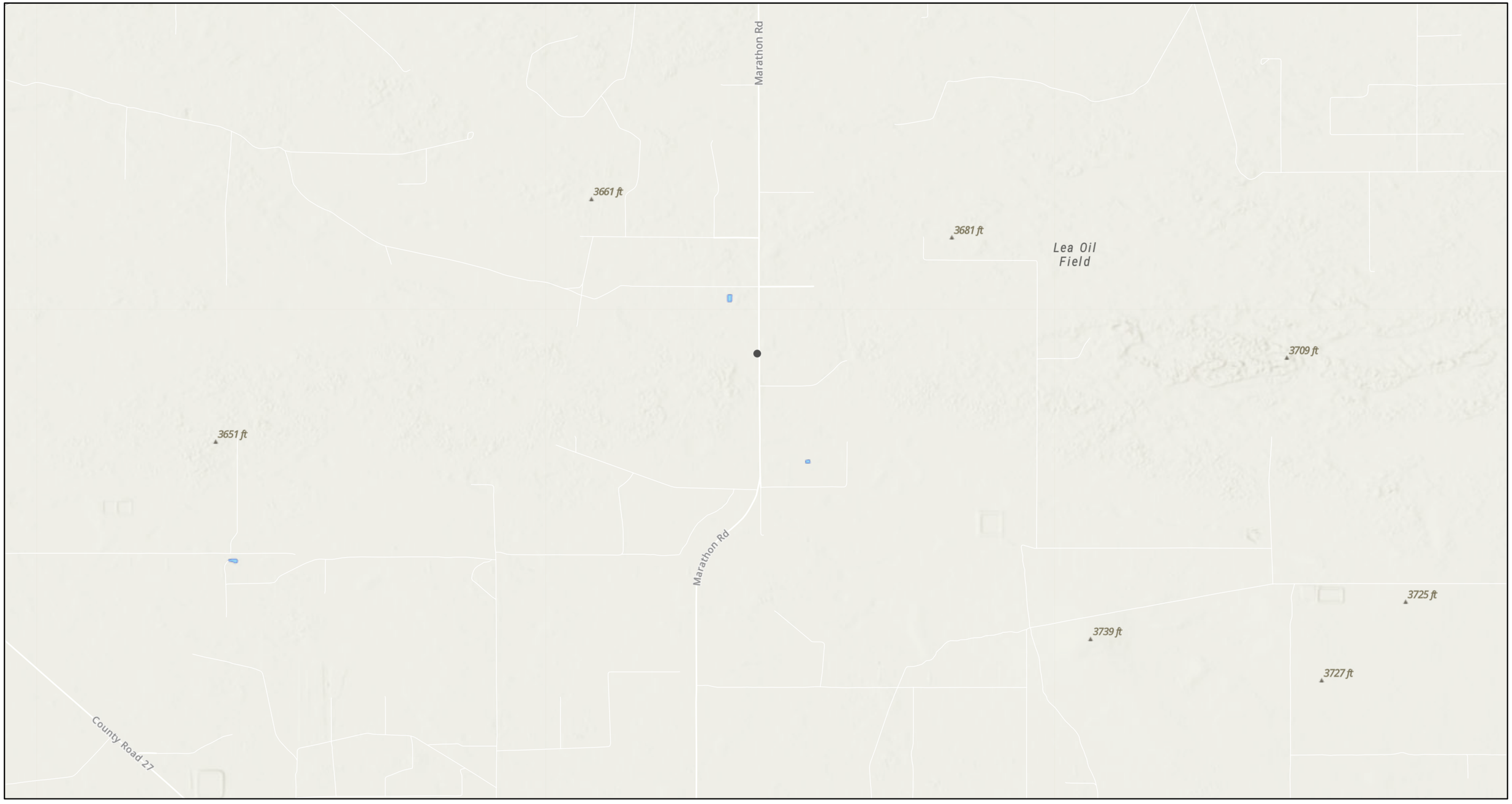
1:72,224

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

SPILL WEST OF MARATHON ROAD (12.18.2018)



2/16/2026, 7:54:17 AM

OSW Water Bodys

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

Received by OCD: 5/11/2026 2:33:29 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

SPILL WEST OF MARATHON ROAD (12.1



February 16, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Released to Imaging: 6/16/2026 11:41:25 AM

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 3:48:55 PM

JOB DESCRIPTION

Spill West of Marathon Road
Lea County New Mexico

JOB NUMBER

880-68089-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/16/2026 11:41:23 AM

my EOL

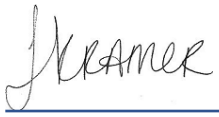
Eurofins Midland

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 3:48:55 PM

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

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Laboratory Job ID: 880-68089-1
SDG: Lea County New Mexico

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Eurofins Midland
2/13/2026

Definitions/Glossary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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
*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: Spill West of Marathon Road

Job ID: 880-68089-1

Job ID: 880-68089-1 Eurofins Midland

Job Narrative
880-68089-1

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-5 (3') (880-68089-23), S-6 (2') (880-68089-27), S-6 (4') (880-68089-29) and S-7 (3') (880-68089-33). 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 880-131597 and analytical batch 880-131568 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics
Method 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: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-5 (3') (880-68089-23). Percent recoveries are based on the amount spiked.

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.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: S-5 (4') (880-68089-24). 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.

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.

The associated samples are: S-7 (0-1') (880-68089-31), S-7 (2') (880-68089-32), S-7 (3') (880-68089-33), S-7 (4') (880-68089-34), S-7 (4.5') (880-68089-35), (880-68089-A-31-C MS) and (880-68089-A-31-D MSD).

Method 300.0 - Soluble: CCV samples were spiked the same as the LCS. All batch QC were within acceptance limits, therefore the batch was not reanalyzed.

Eurofins Midland

Case Narrative

Client: Carmona Resources Job ID: 880-68089-1
Project: Spill West of Marathon Road

Job ID: 880-68089-1 (Continued) Eurofins Midland

(CCV 880-131580/1), (CCV 880-131580/13), (CCV 880-131580/25) and (CCV 880-131580/34)

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: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-1
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 11:30	02/13/26 01:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:27	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:27	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		02/12/26 11:30	02/13/26 01:27	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:27	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		02/12/26 11:30	02/13/26 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/12/26 11:30*	*02/13/26 01:27*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/12/26 11:30*	*02/13/26 01:27*	*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 01:27	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			02/13/26 08:33	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 10:51	02/13/26 08:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:51	02/13/26 08:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:51	02/13/26 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/11/26 10:51*	*02/13/26 08:33*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*02/11/26 10:51*	*02/13/26 08:33*	*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			02/12/26 11:12	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68089-2
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 11:30	02/13/26 01:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 01:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 01:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:30	02/13/26 01:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 01:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:30	02/13/26 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:30*	*02/13/26 01:47*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:30*	*02/13/26 01:47*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68089-2
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 01:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 09:18	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		02/11/26 10:51	02/13/26 09:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:51	02/13/26 09:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:51	02/13/26 09:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*02/11/26 10:51*	*02/13/26 09:18*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 10:51*	*02/13/26 09:18*	*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 11:28	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68089-3
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 11:30	02/13/26 02:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 02:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 02:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 02:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 02:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 02:08*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:30*	*02/13/26 02:08*	*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 02:08	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 09:33	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	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 09:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 09:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68089-3
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 10:51	02/13/26 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*02/11/26 10:51*	*02/13/26 09:33*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/11/26 10:51*	*02/13/26 09:33*	*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			02/12/26 11:33	1

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68089-4
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 11:30	02/13/26 02:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 02:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 02:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 02:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 02:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:30*	*02/13/26 02:28*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/12/26 11:30*	*02/13/26 02:28*	*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			02/13/26 02:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/13/26 09:47	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	<49.8	U	49.8		mg/Kg		02/11/26 10:51	02/13/26 09:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:51	02/13/26 09:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:51	02/13/26 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/11/26 10:51*	*02/13/26 09:47*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*02/11/26 10:51*	*02/13/26 09:47*	*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 11:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68089-5
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 11:30	02/13/26 02:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 02:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 02:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:30	02/13/26 02:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 02:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:30	02/13/26 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*02/12/26 11:30*	*02/13/26 02:49*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/12/26 11:30*	*02/13/26 02:49*	*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 02:49	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			02/13/26 10:02	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		02/11/26 10:51	02/13/26 10:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 10:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:02*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:02*	*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 11:44	1

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

Lab Sample ID: 880-68089-6
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 11:30	02/13/26 03:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 03:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 03:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:30	02/13/26 03:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 03:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:30	02/13/26 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:30*	*02/13/26 03:09*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:30*	*02/13/26 03:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-6
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			02/13/26 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/13/26 10:17	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	<50.2	U	50.2		mg/Kg		02/11/26 10:51	02/13/26 10:17	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 10:51	02/13/26 10:17	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/11/26 10:51	02/13/26 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:17*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:17*	*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 11:59	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68089-7
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 11:30	02/13/26 03:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 03:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 03:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:30	02/13/26 03:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 03:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:30	02/13/26 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*02/12/26 11:30*	*02/13/26 03:30*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*02/12/26 11:30*	*02/13/26 03:30*	*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 03:30	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 10:32	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	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 10:32	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 10:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68089-7
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 10:51	02/13/26 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:32*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:32*	*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 12:05	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68089-8
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 11:30	02/13/26 03:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 03:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 03:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 03:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 03:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:30*	*02/13/26 03:50*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:30*	*02/13/26 03:50*	*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 03:50	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			02/13/26 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	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 10:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 10:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:47*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*02/11/26 10:51*	*02/13/26 10:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.7**		10.1		mg/Kg			02/12/26 12:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68089-9
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 11:30	02/13/26 04:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 04:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 04:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 04:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 04:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:30*	*02/13/26 04:11*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:30*	*02/13/26 04:11*	*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 04:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/13/26 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/11/26 10:51	02/13/26 11:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:51	02/13/26 11:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:51	02/13/26 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*02/11/26 10:51*	*02/13/26 11:02*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*02/11/26 10:51*	*02/13/26 11:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		10.0		mg/Kg			02/12/26 12:21	1

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-68089-10
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 11:30	02/13/26 04:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 04:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 04:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:30	02/13/26 04:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 04:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:30	02/13/26 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:30*	*02/13/26 04:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/12/26 11:30*	*02/13/26 04:31*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (4.5')

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

Lab Sample ID: 880-68089-10
Matrix: Solid

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 04:31	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 11:16	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	<50.2	U	50.2		mg/Kg		02/11/26 10:51	02/13/26 11:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 10:51	02/13/26 11:16	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/11/26 10:51	02/13/26 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*02/11/26 10:51*	*02/13/26 11:16*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/11/26 10:51*	*02/13/26 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.3**		9.96		mg/Kg			02/12/26 12:26	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: 880-68089-11
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 11:30	02/13/26 06:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 06:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 06:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:30	02/13/26 06:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 06:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:30	02/13/26 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 06:04*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 06:04*	*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 06:04	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 12:16	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	<49.9	U	49.9		mg/Kg		02/11/26 10:51	02/13/26 12:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:51	02/13/26 12:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-11
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 10:51	02/13/26 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*02/11/26 10:51*	*02/13/26 12:16*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*02/11/26 10:51*	*02/13/26 12:16*	*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 12:31	1

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68089-12
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 11:30	02/13/26 06:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 06:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 06:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/26 11:30	02/13/26 06:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 06:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/26 11:30	02/13/26 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 06:25*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:30*	*02/13/26 06:25*	*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 06:25	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 12:30	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 10:51	02/13/26 12:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 12:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*02/11/26 10:51*	*02/13/26 12:30*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/11/26 10:51*	*02/13/26 12:30*	*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 12:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68089-13
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 11:30	02/13/26 06:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 06:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 06:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 06:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 06:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 06:45*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:30*	*02/13/26 06:45*	*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 06:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/13/26 12:46	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	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 12:46	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 12:46	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*02/11/26 10:51*	*02/13/26 12:46*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*02/11/26 10:51*	*02/13/26 12:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**196**		9.94		mg/Kg			02/12/26 12:53	1

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68089-14
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 11:30	02/13/26 07:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 07:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 07:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 07:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 07:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 07:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:30*	*02/13/26 07:05*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:30*	*02/13/26 07:05*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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: 880-68089-14
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			02/13/26 07:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/13/26 13:00	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	<50.4	U	50.4		mg/Kg		02/11/26 10:51	02/13/26 13:00	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/11/26 10:51	02/13/26 13:00	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/11/26 10:51	02/13/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:00*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**584**		9.90		mg/Kg			02/12/26 13:09	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: 880-68089-15
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 11:30	02/13/26 07:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 07:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 07:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:30	02/13/26 07:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 07:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:30	02/13/26 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*02/12/26 11:30*	*02/13/26 07:26*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 07:26*	*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 07:26	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 13:15	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		02/11/26 10:51	02/13/26 13:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 13:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-68089-15
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 10:51	02/13/26 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:15*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**854**		9.92		mg/Kg			02/12/26 13:14	1

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

Lab Sample ID: 880-68089-16
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 11:30	02/13/26 07:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 07:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 07:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:30	02/13/26 07:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:30	02/13/26 07:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:30	02/13/26 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 07:46*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 07:46*	*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			02/13/26 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		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	<49.8	U	49.8		mg/Kg		02/11/26 10:51	02/13/26 13:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:51	02/13/26 13:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:51	02/13/26 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:30*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*02/11/26 10:51*	*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	<9.92	U	9.92		mg/Kg			02/12/26 13:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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: 880-68089-17
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 11:30	02/13/26 08:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 08:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 08:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 08:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:30	02/13/26 08:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:30	02/13/26 08:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*02/12/26 11:30*	*02/13/26 08:07*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/12/26 11:30*	*02/13/26 08:07*	*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 08:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	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	50.3		mg/Kg		02/11/26 10:51	02/13/26 13:44	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:51	02/13/26 13:44	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 10:51	02/13/26 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:44*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*02/11/26 10:51*	*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	**64.5**		10.0		mg/Kg			02/12/26 13:25	1

Client Sample ID: S-4 (3')

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

Lab Sample ID: 880-68089-18
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 11:30	02/13/26 08:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 08:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 08:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 08:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:30	02/13/26 08:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:30	02/13/26 08:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 08:27*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 08:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68089-18
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			02/13/26 08:27	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	49.6		mg/Kg		02/11/26 10:51	02/13/26 13:59	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 13:59	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:51	02/13/26 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*02/11/26 10:51*	*02/13/26 13:59*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/11/26 10:51*	*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	171		10.1		mg/Kg			02/12/26 13:30	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68089-19
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 11:30	02/13/26 08:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 08:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 08:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:30	02/13/26 08:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:30	02/13/26 08:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:30	02/13/26 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/12/26 11:30*	*02/13/26 08:48*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 08:48*	*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			02/13/26 08:48	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			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	<49.9	U	49.9		mg/Kg		02/11/26 10:51	02/13/26 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:51	02/13/26 14:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68089-19
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 10:51	02/13/26 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*02/11/26 10:51*	*02/13/26 14:14*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/11/26 10:51*	*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	**312**		10.1		mg/Kg			02/12/26 13:35	1

Client Sample ID: S-4 (4.5')

Lab Sample ID: 880-68089-20
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 11:30	02/13/26 09:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 09:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 09:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:30	02/13/26 09:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 09:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:30	02/13/26 09:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*02/12/26 11:30*	*02/13/26 09:08*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 09:08*	*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 09:08	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 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	<50.1	U	50.1		mg/Kg		02/11/26 10:51	02/13/26 14:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:51	02/13/26 14:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:51	02/13/26 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*02/11/26 10:51*	*02/13/26 14:29*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/11/26 10:51*	*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	**350**		9.94		mg/Kg			02/12/26 13:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-21
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	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 15:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 15:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:36*	*02/12/26 15:57*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/12/26 11:36*	*02/12/26 15:57*	*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 15:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/13/26 08:33	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 *1	50.1		mg/Kg		02/11/26 10:54	02/13/26 08:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:54	02/13/26 08:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:54	02/13/26 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*02/11/26 10:54*	*02/13/26 08:33*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*02/11/26 10:54*	*02/13/26 08:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**372**		9.94		mg/Kg			02/12/26 17:15	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68089-22
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 11:36	02/12/26 16:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 16:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 16:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 16:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 16:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*02/12/26 11:36*	*02/12/26 16:17*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*02/12/26 11:36*	*02/12/26 16:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (2')

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

Lab Sample ID: 880-68089-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/12/26 16:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4450**		49.7		mg/Kg			02/13/26 09:18	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	<49.7	U *1	49.7		mg/Kg		02/11/26 10:54	02/13/26 09:18	1
Diesel Range Organics (Over C10-C28)	**4140**		49.7		mg/Kg		02/11/26 10:54	02/13/26 09:18	1
Oil Range Organics (Over C28-C36)	**309**		49.7		mg/Kg		02/11/26 10:54	02/13/26 09:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*02/11/26 10:54*	*02/13/26 09:18*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/11/26 10:54*	*02/13/26 09:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1190**		9.90		mg/Kg			02/12/26 17:35	1

Client Sample ID: S-5 (3')

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

Lab Sample ID: 880-68089-23
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 11:36	02/12/26 16:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 16:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 16:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:36	02/12/26 16:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 16:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:36	02/12/26 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*197*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 16:38*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/12/26 11:36*	*02/12/26 16:38*	*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 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**536**		49.7		mg/Kg			02/13/26 11:46	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 *1	49.7		mg/Kg		02/11/26 10:54	02/13/26 11:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68089-23
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)	**536**		49.7		mg/Kg		02/11/26 10:54	02/13/26 11:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:54	02/13/26 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*	*02/11/26 10:54*	*02/13/26 11:46*	*1*
o-Terphenyl (Surr)	*610*	*S1+*	*70 - 130*	*02/11/26 10:54*	*02/13/26 11:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**807**		9.92		mg/Kg			02/12/26 17:42	1

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68089-24
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 16:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 16:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 16:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 16:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 16:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/12/26 11:36*	*02/12/26 16:58*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/12/26 11:36*	*02/12/26 16:58*	*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 16:58	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			02/13/26 09:47	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 *1	49.9		mg/Kg		02/11/26 10:54	02/13/26 09:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:54	02/13/26 09:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:54	02/13/26 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*217*	*S1+*	*70 - 130*	*02/11/26 10:54*	*02/13/26 09:47*	*1*
o-Terphenyl (Surr)	*224*	*S1+*	*70 - 130*	*02/11/26 10:54*	*02/13/26 09:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**479**		10.0		mg/Kg			02/12/26 17:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68089-25
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	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 17:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 17:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 17:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:36	02/12/26 17:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 17:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:36	02/12/26 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:36*	*02/12/26 17:18*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*02/12/26 11:36*	*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	<0.00396	U	0.00396		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	<49.6	U	49.6		mg/Kg			02/13/26 10:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *1	49.6		mg/Kg		02/11/26 10:54	02/13/26 10:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 10:02	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:02*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**430**		10.0		mg/Kg			02/12/26 17:55	1

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

Lab Sample ID: 880-68089-26
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	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 17:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 17:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*02/12/26 11:36*	*02/12/26 17:39*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/12/26 11:36*	*02/12/26 17:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-26
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 17:39	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			02/13/26 10:17	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 *1	49.9		mg/Kg		02/11/26 10:54	02/13/26 10:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:54	02/13/26 10:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:54	02/13/26 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:17*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**748**		10.1		mg/Kg			02/12/26 18:15	1

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68089-27
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	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 17:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 17:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 17:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 17:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 17:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*202*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 17:59*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*02/12/26 11:36*	*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	<0.00402	U	0.00402		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	<49.8	U	49.8		mg/Kg			02/13/26 10:32	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	<49.8	U *1	49.8		mg/Kg		02/11/26 10:54	02/13/26 10:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:54	02/13/26 10:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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: 880-68089-27
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)	<49.8	U	49.8		mg/Kg		02/11/26 10:54	02/13/26 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:32*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**616**		10.0		mg/Kg			02/12/26 18:22	1

Client Sample ID: S-6 (3')

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

Lab Sample ID: 880-68089-28
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 11:36	02/12/26 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 18:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/12/26 11:36	02/12/26 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 18:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/12/26 11:36	02/12/26 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:36*	*02/12/26 18:20*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*02/12/26 11:36*	*02/12/26 18:20*	*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			02/12/26 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/13/26 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	<49.7	U *1	49.7		mg/Kg		02/11/26 10:54	02/13/26 10:47	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:54	02/13/26 10:47	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:54	02/13/26 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:47*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*02/11/26 10:54*	*02/13/26 10:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		9.98		mg/Kg			02/12/26 18:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68089-29
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	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 18:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 18:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 18:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 18:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 18:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*249*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 18:40*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/12/26 11:36*	*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	<0.00398	U	0.00398		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	<49.6	U	49.6		mg/Kg			02/13/26 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *1	49.6		mg/Kg		02/11/26 10:54	02/13/26 11:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 11:02	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*02/11/26 10:54*	*02/13/26 11:02*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*02/11/26 10:54*	*02/13/26 11:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		9.98		mg/Kg			02/12/26 18:35	1

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-68089-30
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	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 19:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 19:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 19:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/12/26 11:36	02/12/26 19:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/12/26 11:36	02/12/26 19:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/12/26 11:36	02/12/26 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*02/12/26 11:36*	*02/12/26 19:01*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/12/26 11:36*	*02/12/26 19:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-68089-30
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			02/12/26 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/13/26 11:16	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	<50.3	U *1	50.3		mg/Kg		02/11/26 10:54	02/13/26 11:16	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:54	02/13/26 11:16	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 10:54	02/13/26 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*02/11/26 10:54*	*02/13/26 11:16*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*02/11/26 10:54*	*02/13/26 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**172**		10.1		mg/Kg			02/12/26 18:42	1

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

Lab Sample ID: 880-68089-31
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	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 20:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 20:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 20:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 20:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 20:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*02/12/26 11:36*	*02/12/26 20:52*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:36*	*02/12/26 20:52*	*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 20:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/13/26 12:16	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	<50.2	U *1	50.2		mg/Kg		02/11/26 10:54	02/13/26 12:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 10:54	02/13/26 12:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-31
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 10:54	02/13/26 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/11/26 10:54*	*02/13/26 12:16*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*02/11/26 10:54*	*02/13/26 12:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.8**	**F1**	10.0		mg/Kg			02/12/26 18:49	1

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68089-32
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	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 21:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 21:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 21:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 21:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/12/26 11:36	02/12/26 21:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/12/26 11:36	02/12/26 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*02/12/26 11:36*	*02/12/26 21:12*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*02/12/26 11:36*	*02/12/26 21:12*	*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 21:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.9**		49.9		mg/Kg			02/13/26 12:30	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	<49.9	U *1	49.9		mg/Kg		02/11/26 10:54	02/13/26 12:30	1
Diesel Range Organics (Over C10-C28)	**55.9**		49.9		mg/Kg		02/11/26 10:54	02/13/26 12:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:54	02/13/26 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*02/11/26 10:54*	*02/13/26 12:30*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*02/11/26 10:54*	*02/13/26 12:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.0**		10.1		mg/Kg			02/12/26 19:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68089-33
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	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 21:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 21:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 21:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/12/26 11:36	02/12/26 21:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/12/26 11:36	02/12/26 21:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/12/26 11:36	02/12/26 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*264*	*S1+*	*70 - 130*	*02/12/26 11:36*	*02/12/26 21:33*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*02/12/26 11:36*	*02/12/26 21:33*	*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 21:33	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 12:46	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	<49.6	U *1	49.6		mg/Kg		02/11/26 10:54	02/13/26 12:46	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 12:46	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:54	02/13/26 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*02/11/26 10:54*	*02/13/26 12:46*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*02/11/26 10:54*	*02/13/26 12:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.7**		9.98		mg/Kg			02/12/26 19:15	1

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68089-34
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 21:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 21:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 21:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 21:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/12/26 11:36	02/12/26 21:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/12/26 11:36	02/12/26 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*02/12/26 11:36*	*02/12/26 21:53*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*02/12/26 11:36*	*02/12/26 21:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68089-34
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 21:53	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			02/13/26 13:00	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	<49.8	U *1	49.8		mg/Kg		02/11/26 10:54	02/13/26 13:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:54	02/13/26 13:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:54	02/13/26 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:00*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.8**		10.0		mg/Kg			02/12/26 19:35	1

Client Sample ID: S-7 (4.5')

Lab Sample ID: 880-68089-35
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 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 22:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:36	02/12/26 22:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/12/26 11:36	02/12/26 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*02/12/26 11:36*	*02/12/26 22:14*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/12/26 11:36*	*02/12/26 22:14*	*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 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/26 13:15	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 *1	49.9		mg/Kg		02/11/26 10:54	02/13/26 13:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:54	02/13/26 13:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (4.5')

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

Lab Sample ID: 880-68089-35

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		02/11/26 10:54	02/13/26 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:15*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*02/11/26 10:54*	*02/13/26 13:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.6**		10.0		mg/Kg			02/12/26 19:42	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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)
880-68089-1	S-1 (0-1')	113	95
880-68089-1 MS	S-1 (0-1')	98	100
880-68089-1 MSD	S-1 (0-1')	92	92
880-68089-2	S-1 (2')	96	101
880-68089-3	S-1 (3')	97	98
880-68089-4	S-1 (4')	101	93
880-68089-5	S-1 (4.5')	91	92
880-68089-6	S-2 (0-1')	98	100
880-68089-7	S-2 (2')	93	105
880-68089-8	S-2 (3')	101	98
880-68089-9	S-2 (4')	98	96
880-68089-10	S-2 (4.5')	96	94
880-68089-11	S-3 (0-1')	99	97
880-68089-12	S-3 (2')	97	96
880-68089-13	S-3 (3')	97	100
880-68089-14	S-3 (4')	102	101
880-68089-15	S-3 (4.5')	94	99
880-68089-16	S-4 (0-1')	97	97
880-68089-17	S-4 (2')	90	98
880-68089-18	S-4 (3')	99	99
880-68089-19	S-4 (4')	97	99
880-68089-20	S-4 (4.5')	96	99
880-68089-21	S-5 (0-1')	104	104
880-68089-21 MS	S-5 (0-1')	122	98
880-68089-21 MSD	S-5 (0-1')	112	103
880-68089-22	S-5 (2')	95	82
880-68089-23	S-5 (3')	197 S1+	92
880-68089-24	S-5 (4')	101	92
880-68089-25	S-5 (4.5')	106	86
880-68089-26	S-6 (0-1')	113	88
880-68089-27	S-6 (2')	202 S1+	118
880-68089-28	S-6 (3')	106	94
880-68089-29	S-6 (4')	249 S1+	103
880-68089-30	S-6 (4.5')	115	102
880-68089-31	S-7 (0-1')	108	99
880-68089-32	S-7 (2')	127	119
880-68089-33	S-7 (3')	264 S1+	106
880-68089-34	S-7 (4')	119	110
880-68089-35	S-7 (4.5')	125	100
LCS 880-131597/1-A	Lab Control Sample	113	95
LCS 880-131600/1-A	Lab Control Sample	106	96
LCSD 880-131597/2-A	Lab Control Sample Dup	98	99
LCSD 880-131600/2-A	Lab Control Sample Dup	106	92
MB 880-131592/5-A	Method Blank	100	98
MB 880-131597/5-A	Method Blank	99	95
MB 880-131600/5-A	Method Blank	153 S1+	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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)										
880-68089-1	S-1 (0-1')	108	113										
880-68089-1 MS	S-1 (0-1')	107	108										
880-68089-1 MSD	S-1 (0-1')	105	106										
880-68089-2	S-1 (2')	94	97										
880-68089-3	S-1 (3')	99	99										
880-68089-4	S-1 (4')	108	108										
880-68089-5	S-1 (4.5')	102	102										
880-68089-6	S-2 (0-1')	108	108										
880-68089-7	S-2 (2')	97	97										
880-68089-8	S-2 (3')	101	102										
880-68089-9	S-2 (4')	101	101										
880-68089-10	S-2 (4.5')	95	95										
880-68089-11	S-3 (0-1')	104	103										
880-68089-12	S-3 (2')	97	95										
880-68089-13	S-3 (3')	94	92										
880-68089-14	S-3 (4')	96	96										
880-68089-15	S-3 (4.5')	100	101										
880-68089-16	S-4 (0-1')	104	102										
880-68089-17	S-4 (2')	96	97										
880-68089-18	S-4 (3')	98	96										
880-68089-19	S-4 (4')	100	99										
880-68089-20	S-4 (4.5')	93	95										
880-68089-21	S-5 (0-1')	103	105										
880-68089-21 MS	S-5 (0-1')	99	106										
880-68089-21 MSD	S-5 (0-1')	125	104										
880-68089-22	S-5 (2')	91	112										
880-68089-23	S-5 (3')	144 S1+	610 S1+										
880-68089-24	S-5 (4')	217 S1+	224 S1+										
880-68089-25	S-5 (4.5')	116	121										
880-68089-26	S-6 (0-1')	109	115										
880-68089-27	S-6 (2')	104	109										
880-68089-28	S-6 (3')	109	114										
880-68089-29	S-6 (4')	104	109										
880-68089-30	S-6 (4.5')	111	115										
880-68089-31	S-7 (0-1')	106	112										
880-68089-32	S-7 (2')	106	111										
880-68089-33	S-7 (3')	118	121										
880-68089-34	S-7 (4')	103	108										
880-68089-35	S-7 (4.5')	113	119										
LCS 880-131469/2-A	Lab Control Sample	98	100										
LCS 880-131471/2-A	Lab Control Sample	134 S1+	118										
LCSD 880-131469/3-A	Lab Control Sample Dup	118	120										
LCSD 880-131471/3-A	Lab Control Sample Dup	110	101										
MB 880-131469/1-A	Method Blank	119	112										
MB 880-131471/1-A	Method Blank	122	126										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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: MB 880-131597/5-A
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131597

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/12/26 11:30	02/13/26 01:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/12/26 11:30	02/13/26 01:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/12/26 11:30	02/13/26 01:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/12/26 11:30*	*02/13/26 01:05*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/12/26 11:30*	*02/13/26 01:05*	*1*

Lab Sample ID: LCS 880-131597/1-A
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08680		mg/Kg		87	70 - 130
Toluene	0.100	0.1057		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.09991		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2138		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1058		mg/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-131597/2-A
Matrix: Solid
Analysis Batch: 131568

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131597

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09147		mg/Kg		91	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131597/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131568 — **Prep Batch: 131597**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1021		mg/Kg		102	70 - 130	3	35
Ethylbenzene			0.100	0.09131		mg/Kg		91	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.1895		mg/Kg		95	70 - 130	12	35
o-Xylene			0.100	0.09332		mg/Kg		93	70 - 130	13	35

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

Lab Sample ID: 880-68089-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131568 — **Prep Batch: 131597**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09062		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.100	0.09338		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.08099		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1654		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.08169		mg/Kg		82	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-68089-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131568 — **Prep Batch: 131597**

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	0.07099		mg/Kg		71	70 - 130	24	35
Toluene	<0.00200	U	0.100	0.07305		mg/Kg		73	70 - 130	24	35
Ethylbenzene	<0.00200	U F1	0.100	0.06534	F1	mg/Kg		65	70 - 130	21	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1215	F1	mg/Kg		61	70 - 130	31	35
o-Xylene	<0.00200	U F1	0.100	0.05987	F1	mg/Kg		60	70 - 130	31	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-131600/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131569 — **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

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QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

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
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		
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: 880-68089-21 MS
Matrix: Solid
Analysis Batch: 131569

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

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-21 MS
Matrix: Solid
Analysis Batch: 131569

Client Sample ID: S-5 (0-1')
Prep Type: Total/NA
Prep Batch: 131600

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-68089-21 MSD
Matrix: Solid
Analysis Batch: 131569

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

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 880-131469/1-A
Matrix: Solid
Analysis Batch: 131701

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131469

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 10:51	02/13/26 06:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 06:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:51	02/13/26 06:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	02/11/26 10:51	02/13/26 06:56	1
o-Terphenyl (Surr)	112		70 - 130	02/11/26 10:51	02/13/26 06:56	1

Lab Sample ID: LCS 880-131469/2-A
Matrix: Solid
Analysis Batch: 131701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	939.2		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1045		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	100		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-131469/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131701 — **Prep Batch: 131469**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1100		mg/Kg		110	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1204		mg/Kg		120	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: 880-68089-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131701 — **Prep Batch: 131469**

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	1119		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1080		mg/Kg		107	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-68089-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131701 — **Prep Batch: 131469**

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	1110		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1059		mg/Kg		105	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*105*		*70 - 130*
o-Terphenyl (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-131471/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131699 — **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

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

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

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		

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: 880-68089-21 MS
Matrix: Solid
Analysis Batch: 131699

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

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-21 MSD — **Client Sample ID: S-5 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 131699 — **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*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131475/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/12/26 10:56	1

Lab Sample ID: LCS 880-131475/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-131475/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	229.5		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-68089-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	247.0		mg/Kg		95	90 - 110

Lab Sample ID: 880-68089-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	247.0		mg/Kg		95	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68089-11 MS — **Client Sample ID: S-3 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	247.6		mg/Kg		96	90 - 110

Lab Sample ID: 880-68089-11 MSD — **Client Sample ID: S-3 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131580

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	247.6		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-131477/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131593

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

Lab Sample ID: LCS 880-131477/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131593

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 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131593

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: 880-68089-21 MS — **Client Sample ID: S-5 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131593

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	372		249	604.8		mg/Kg		94	90 - 110

Lab Sample ID: 880-68089-21 MSD — **Client Sample ID: S-5 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131593

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	372		249	603.7		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68089-31 MS — **Client Sample ID: S-7 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 131593

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

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68089-31 MSD
Matrix: Solid
Analysis Batch: 131593

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	12.8	F1	251	291.2	F1	mg/Kg		111	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Total/NA	Solid	8021B	131597
880-68089-2	S-1 (2')	Total/NA	Solid	8021B	131597
880-68089-3	S-1 (3')	Total/NA	Solid	8021B	131597
880-68089-4	S-1 (4')	Total/NA	Solid	8021B	131597
880-68089-5	S-1 (4.5')	Total/NA	Solid	8021B	131597
880-68089-6	S-2 (0-1')	Total/NA	Solid	8021B	131597
880-68089-7	S-2 (2')	Total/NA	Solid	8021B	131597
880-68089-8	S-2 (3')	Total/NA	Solid	8021B	131597
880-68089-9	S-2 (4')	Total/NA	Solid	8021B	131597
880-68089-10	S-2 (4.5')	Total/NA	Solid	8021B	131597
880-68089-11	S-3 (0-1')	Total/NA	Solid	8021B	131597
880-68089-12	S-3 (2')	Total/NA	Solid	8021B	131597
880-68089-13	S-3 (3')	Total/NA	Solid	8021B	131597
880-68089-14	S-3 (4')	Total/NA	Solid	8021B	131597
880-68089-15	S-3 (4.5')	Total/NA	Solid	8021B	131597
880-68089-16	S-4 (0-1')	Total/NA	Solid	8021B	131597
880-68089-17	S-4 (2')	Total/NA	Solid	8021B	131597
880-68089-18	S-4 (3')	Total/NA	Solid	8021B	131597
880-68089-19	S-4 (4')	Total/NA	Solid	8021B	131597
880-68089-20	S-4 (4.5')	Total/NA	Solid	8021B	131597
MB 880-131592/5-A	Method Blank	Total/NA	Solid	8021B	131592
MB 880-131597/5-A	Method Blank	Total/NA	Solid	8021B	131597
LCS 880-131597/1-A	Lab Control Sample	Total/NA	Solid	8021B	131597
LCSD 880-131597/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131597
880-68089-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	131597
880-68089-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	131597

Analysis Batch: 131569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21	S-5 (0-1')	Total/NA	Solid	8021B	131600
880-68089-22	S-5 (2')	Total/NA	Solid	8021B	131600
880-68089-23	S-5 (3')	Total/NA	Solid	8021B	131600
880-68089-24	S-5 (4')	Total/NA	Solid	8021B	131600
880-68089-25	S-5 (4.5')	Total/NA	Solid	8021B	131600
880-68089-26	S-6 (0-1')	Total/NA	Solid	8021B	131600
880-68089-27	S-6 (2')	Total/NA	Solid	8021B	131600
880-68089-28	S-6 (3')	Total/NA	Solid	8021B	131600
880-68089-29	S-6 (4')	Total/NA	Solid	8021B	131600
880-68089-30	S-6 (4.5')	Total/NA	Solid	8021B	131600
880-68089-31	S-7 (0-1')	Total/NA	Solid	8021B	131600
880-68089-32	S-7 (2')	Total/NA	Solid	8021B	131600
880-68089-33	S-7 (3')	Total/NA	Solid	8021B	131600
880-68089-34	S-7 (4')	Total/NA	Solid	8021B	131600
880-68089-35	S-7 (4.5')	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
880-68089-21 MS	S-5 (0-1')	Total/NA	Solid	8021B	131600
880-68089-21 MSD	S-5 (0-1')	Total/NA	Solid	8021B	131600

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 131592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131592/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 131597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Total/NA	Solid	5035	
880-68089-2	S-1 (2')	Total/NA	Solid	5035	
880-68089-3	S-1 (3')	Total/NA	Solid	5035	
880-68089-4	S-1 (4')	Total/NA	Solid	5035	
880-68089-5	S-1 (4.5')	Total/NA	Solid	5035	
880-68089-6	S-2 (0-1')	Total/NA	Solid	5035	
880-68089-7	S-2 (2')	Total/NA	Solid	5035	
880-68089-8	S-2 (3')	Total/NA	Solid	5035	
880-68089-9	S-2 (4')	Total/NA	Solid	5035	
880-68089-10	S-2 (4.5')	Total/NA	Solid	5035	
880-68089-11	S-3 (0-1')	Total/NA	Solid	5035	
880-68089-12	S-3 (2')	Total/NA	Solid	5035	
880-68089-13	S-3 (3')	Total/NA	Solid	5035	
880-68089-14	S-3 (4')	Total/NA	Solid	5035	
880-68089-15	S-3 (4.5')	Total/NA	Solid	5035	
880-68089-16	S-4 (0-1')	Total/NA	Solid	5035	
880-68089-17	S-4 (2')	Total/NA	Solid	5035	
880-68089-18	S-4 (3')	Total/NA	Solid	5035	
880-68089-19	S-4 (4')	Total/NA	Solid	5035	
880-68089-20	S-4 (4.5')	Total/NA	Solid	5035	
MB 880-131597/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131597/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131597/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68089-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-68089-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 131600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21	S-5 (0-1')	Total/NA	Solid	5035	
880-68089-22	S-5 (2')	Total/NA	Solid	5035	
880-68089-23	S-5 (3')	Total/NA	Solid	5035	
880-68089-24	S-5 (4')	Total/NA	Solid	5035	
880-68089-25	S-5 (4.5')	Total/NA	Solid	5035	
880-68089-26	S-6 (0-1')	Total/NA	Solid	5035	
880-68089-27	S-6 (2')	Total/NA	Solid	5035	
880-68089-28	S-6 (3')	Total/NA	Solid	5035	
880-68089-29	S-6 (4')	Total/NA	Solid	5035	
880-68089-30	S-6 (4.5')	Total/NA	Solid	5035	
880-68089-31	S-7 (0-1')	Total/NA	Solid	5035	
880-68089-32	S-7 (2')	Total/NA	Solid	5035	
880-68089-33	S-7 (3')	Total/NA	Solid	5035	
880-68089-34	S-7 (4')	Total/NA	Solid	5035	
880-68089-35	S-7 (4.5')	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	
880-68089-21 MS	S-5 (0-1')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 131600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21 MSD	S-5 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 131744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-2	S-1 (2')	Total/NA	Solid	Total BTEX	
880-68089-3	S-1 (3')	Total/NA	Solid	Total BTEX	
880-68089-4	S-1 (4')	Total/NA	Solid	Total BTEX	
880-68089-5	S-1 (4.5')	Total/NA	Solid	Total BTEX	
880-68089-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-7	S-2 (2')	Total/NA	Solid	Total BTEX	
880-68089-8	S-2 (3')	Total/NA	Solid	Total BTEX	
880-68089-9	S-2 (4')	Total/NA	Solid	Total BTEX	
880-68089-10	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-68089-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-12	S-3 (2')	Total/NA	Solid	Total BTEX	
880-68089-13	S-3 (3')	Total/NA	Solid	Total BTEX	
880-68089-14	S-3 (4')	Total/NA	Solid	Total BTEX	
880-68089-15	S-3 (4.5')	Total/NA	Solid	Total BTEX	
880-68089-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-17	S-4 (2')	Total/NA	Solid	Total BTEX	
880-68089-18	S-4 (3')	Total/NA	Solid	Total BTEX	
880-68089-19	S-4 (4')	Total/NA	Solid	Total BTEX	
880-68089-20	S-4 (4.5')	Total/NA	Solid	Total BTEX	
880-68089-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-22	S-5 (2')	Total/NA	Solid	Total BTEX	
880-68089-23	S-5 (3')	Total/NA	Solid	Total BTEX	
880-68089-24	S-5 (4')	Total/NA	Solid	Total BTEX	
880-68089-25	S-5 (4.5')	Total/NA	Solid	Total BTEX	
880-68089-26	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-27	S-6 (2')	Total/NA	Solid	Total BTEX	
880-68089-28	S-6 (3')	Total/NA	Solid	Total BTEX	
880-68089-29	S-6 (4')	Total/NA	Solid	Total BTEX	
880-68089-30	S-6 (4.5')	Total/NA	Solid	Total BTEX	
880-68089-31	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-68089-32	S-7 (2')	Total/NA	Solid	Total BTEX	
880-68089-33	S-7 (3')	Total/NA	Solid	Total BTEX	
880-68089-34	S-7 (4')	Total/NA	Solid	Total BTEX	
880-68089-35	S-7 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-2	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-68089-3	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-68089-4	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-68089-5	S-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-68089-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-7	S-2 (2')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-8	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-68089-9	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-68089-10	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-68089-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-12	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-68089-13	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-68089-14	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-68089-15	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-68089-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-17	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-68089-18	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-68089-19	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-68089-20	S-4 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-131469/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131469/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131469/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68089-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 131471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-22	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-68089-23	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-68089-24	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-68089-25	S-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-68089-26	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-27	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-68089-28	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-68089-29	S-6 (4')	Total/NA	Solid	8015NM Prep	
880-68089-30	S-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-68089-31	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-32	S-7 (2')	Total/NA	Solid	8015NM Prep	
880-68089-33	S-7 (3')	Total/NA	Solid	8015NM Prep	
880-68089-34	S-7 (4')	Total/NA	Solid	8015NM Prep	
880-68089-35	S-7 (4.5')	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	
880-68089-21 MS	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-68089-21 MSD	S-5 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21	S-5 (0-1')	Total/NA	Solid	8015B NM	131471
880-68089-22	S-5 (2')	Total/NA	Solid	8015B NM	131471
880-68089-23	S-5 (3')	Total/NA	Solid	8015B NM	131471
880-68089-24	S-5 (4')	Total/NA	Solid	8015B NM	131471
880-68089-25	S-5 (4.5')	Total/NA	Solid	8015B NM	131471
880-68089-26	S-6 (0-1')	Total/NA	Solid	8015B NM	131471
880-68089-27	S-6 (2')	Total/NA	Solid	8015B NM	131471

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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
880-68089-28	S-6 (3')	Total/NA	Solid	8015B NM	131471
880-68089-29	S-6 (4')	Total/NA	Solid	8015B NM	131471
880-68089-30	S-6 (4.5')	Total/NA	Solid	8015B NM	131471
880-68089-31	S-7 (0-1')	Total/NA	Solid	8015B NM	131471
880-68089-32	S-7 (2')	Total/NA	Solid	8015B NM	131471
880-68089-33	S-7 (3')	Total/NA	Solid	8015B NM	131471
880-68089-34	S-7 (4')	Total/NA	Solid	8015B NM	131471
880-68089-35	S-7 (4.5')	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
880-68089-21 MS	S-5 (0-1')	Total/NA	Solid	8015B NM	131471
880-68089-21 MSD	S-5 (0-1')	Total/NA	Solid	8015B NM	131471

Analysis Batch: 131701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Total/NA	Solid	8015B NM	131469
880-68089-2	S-1 (2')	Total/NA	Solid	8015B NM	131469
880-68089-3	S-1 (3')	Total/NA	Solid	8015B NM	131469
880-68089-4	S-1 (4')	Total/NA	Solid	8015B NM	131469
880-68089-5	S-1 (4.5')	Total/NA	Solid	8015B NM	131469
880-68089-6	S-2 (0-1')	Total/NA	Solid	8015B NM	131469
880-68089-7	S-2 (2')	Total/NA	Solid	8015B NM	131469
880-68089-8	S-2 (3')	Total/NA	Solid	8015B NM	131469
880-68089-9	S-2 (4')	Total/NA	Solid	8015B NM	131469
880-68089-10	S-2 (4.5')	Total/NA	Solid	8015B NM	131469
880-68089-11	S-3 (0-1')	Total/NA	Solid	8015B NM	131469
880-68089-12	S-3 (2')	Total/NA	Solid	8015B NM	131469
880-68089-13	S-3 (3')	Total/NA	Solid	8015B NM	131469
880-68089-14	S-3 (4')	Total/NA	Solid	8015B NM	131469
880-68089-15	S-3 (4.5')	Total/NA	Solid	8015B NM	131469
880-68089-16	S-4 (0-1')	Total/NA	Solid	8015B NM	131469
880-68089-17	S-4 (2')	Total/NA	Solid	8015B NM	131469
880-68089-18	S-4 (3')	Total/NA	Solid	8015B NM	131469
880-68089-19	S-4 (4')	Total/NA	Solid	8015B NM	131469
880-68089-20	S-4 (4.5')	Total/NA	Solid	8015B NM	131469
MB 880-131469/1-A	Method Blank	Total/NA	Solid	8015B NM	131469
LCS 880-131469/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131469
LCSD 880-131469/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131469
880-68089-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	131469
880-68089-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	131469

Analysis Batch: 131791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-68089-2	S-1 (2')	Total/NA	Solid	8015 NM	
880-68089-3	S-1 (3')	Total/NA	Solid	8015 NM	
880-68089-4	S-1 (4')	Total/NA	Solid	8015 NM	
880-68089-5	S-1 (4.5')	Total/NA	Solid	8015 NM	
880-68089-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-68089-7	S-2 (2')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-8	S-2 (3')	Total/NA	Solid	8015 NM	
880-68089-9	S-2 (4')	Total/NA	Solid	8015 NM	
880-68089-10	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-68089-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-68089-12	S-3 (2')	Total/NA	Solid	8015 NM	
880-68089-13	S-3 (3')	Total/NA	Solid	8015 NM	
880-68089-14	S-3 (4')	Total/NA	Solid	8015 NM	
880-68089-15	S-3 (4.5')	Total/NA	Solid	8015 NM	
880-68089-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-68089-17	S-4 (2')	Total/NA	Solid	8015 NM	
880-68089-18	S-4 (3')	Total/NA	Solid	8015 NM	
880-68089-19	S-4 (4')	Total/NA	Solid	8015 NM	
880-68089-20	S-4 (4.5')	Total/NA	Solid	8015 NM	
880-68089-21	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-68089-22	S-5 (2')	Total/NA	Solid	8015 NM	
880-68089-23	S-5 (3')	Total/NA	Solid	8015 NM	
880-68089-24	S-5 (4')	Total/NA	Solid	8015 NM	
880-68089-25	S-5 (4.5')	Total/NA	Solid	8015 NM	
880-68089-26	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-68089-27	S-6 (2')	Total/NA	Solid	8015 NM	
880-68089-28	S-6 (3')	Total/NA	Solid	8015 NM	
880-68089-29	S-6 (4')	Total/NA	Solid	8015 NM	
880-68089-30	S-6 (4.5')	Total/NA	Solid	8015 NM	
880-68089-31	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-68089-32	S-7 (2')	Total/NA	Solid	8015 NM	
880-68089-33	S-7 (3')	Total/NA	Solid	8015 NM	
880-68089-34	S-7 (4')	Total/NA	Solid	8015 NM	
880-68089-35	S-7 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68089-2	S-1 (2')	Soluble	Solid	DI Leach	
880-68089-3	S-1 (3')	Soluble	Solid	DI Leach	
880-68089-4	S-1 (4')	Soluble	Solid	DI Leach	
880-68089-5	S-1 (4.5')	Soluble	Solid	DI Leach	
880-68089-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68089-7	S-2 (2')	Soluble	Solid	DI Leach	
880-68089-8	S-2 (3')	Soluble	Solid	DI Leach	
880-68089-9	S-2 (4')	Soluble	Solid	DI Leach	
880-68089-10	S-2 (4.5')	Soluble	Solid	DI Leach	
880-68089-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68089-12	S-3 (2')	Soluble	Solid	DI Leach	
880-68089-13	S-3 (3')	Soluble	Solid	DI Leach	
880-68089-14	S-3 (4')	Soluble	Solid	DI Leach	
880-68089-15	S-3 (4.5')	Soluble	Solid	DI Leach	
880-68089-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-68089-17	S-4 (2')	Soluble	Solid	DI Leach	
880-68089-18	S-4 (3')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 131475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-19	S-4 (4')	Soluble	Solid	DI Leach	
880-68089-20	S-4 (4.5')	Soluble	Solid	DI Leach	
MB 880-131475/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131475/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131475/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68089-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68089-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68089-11 MS	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68089-11 MSD	S-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 131477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68089-22	S-5 (2')	Soluble	Solid	DI Leach	
880-68089-23	S-5 (3')	Soluble	Solid	DI Leach	
880-68089-24	S-5 (4')	Soluble	Solid	DI Leach	
880-68089-25	S-5 (4.5')	Soluble	Solid	DI Leach	
880-68089-26	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68089-27	S-6 (2')	Soluble	Solid	DI Leach	
880-68089-28	S-6 (3')	Soluble	Solid	DI Leach	
880-68089-29	S-6 (4')	Soluble	Solid	DI Leach	
880-68089-30	S-6 (4.5')	Soluble	Solid	DI Leach	
880-68089-31	S-7 (0-1')	Soluble	Solid	DI Leach	
880-68089-32	S-7 (2')	Soluble	Solid	DI Leach	
880-68089-33	S-7 (3')	Soluble	Solid	DI Leach	
880-68089-34	S-7 (4')	Soluble	Solid	DI Leach	
880-68089-35	S-7 (4.5')	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	
880-68089-21 MS	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68089-21 MSD	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68089-31 MS	S-7 (0-1')	Soluble	Solid	DI Leach	
880-68089-31 MSD	S-7 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 131580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-1	S-1 (0-1')	Soluble	Solid	300.0	131475
880-68089-2	S-1 (2')	Soluble	Solid	300.0	131475
880-68089-3	S-1 (3')	Soluble	Solid	300.0	131475
880-68089-4	S-1 (4')	Soluble	Solid	300.0	131475
880-68089-5	S-1 (4.5')	Soluble	Solid	300.0	131475
880-68089-6	S-2 (0-1')	Soluble	Solid	300.0	131475
880-68089-7	S-2 (2')	Soluble	Solid	300.0	131475
880-68089-8	S-2 (3')	Soluble	Solid	300.0	131475
880-68089-9	S-2 (4')	Soluble	Solid	300.0	131475
880-68089-10	S-2 (4.5')	Soluble	Solid	300.0	131475
880-68089-11	S-3 (0-1')	Soluble	Solid	300.0	131475
880-68089-12	S-3 (2')	Soluble	Solid	300.0	131475
880-68089-13	S-3 (3')	Soluble	Solid	300.0	131475
880-68089-14	S-3 (4')	Soluble	Solid	300.0	131475

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131580 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-15	S-3 (4.5')	Soluble	Solid	300.0	131475
880-68089-16	S-4 (0-1')	Soluble	Solid	300.0	131475
880-68089-17	S-4 (2')	Soluble	Solid	300.0	131475
880-68089-18	S-4 (3')	Soluble	Solid	300.0	131475
880-68089-19	S-4 (4')	Soluble	Solid	300.0	131475
880-68089-20	S-4 (4.5')	Soluble	Solid	300.0	131475
MB 880-131475/1-A	Method Blank	Soluble	Solid	300.0	131475
LCS 880-131475/2-A	Lab Control Sample	Soluble	Solid	300.0	131475
LCSD 880-131475/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131475
880-68089-1 MS	S-1 (0-1')	Soluble	Solid	300.0	131475
880-68089-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	131475
880-68089-11 MS	S-3 (0-1')	Soluble	Solid	300.0	131475
880-68089-11 MSD	S-3 (0-1')	Soluble	Solid	300.0	131475

Analysis Batch: 131593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68089-21	S-5 (0-1')	Soluble	Solid	300.0	131477
880-68089-22	S-5 (2')	Soluble	Solid	300.0	131477
880-68089-23	S-5 (3')	Soluble	Solid	300.0	131477
880-68089-24	S-5 (4')	Soluble	Solid	300.0	131477
880-68089-25	S-5 (4.5')	Soluble	Solid	300.0	131477
880-68089-26	S-6 (0-1')	Soluble	Solid	300.0	131477
880-68089-27	S-6 (2')	Soluble	Solid	300.0	131477
880-68089-28	S-6 (3')	Soluble	Solid	300.0	131477
880-68089-29	S-6 (4')	Soluble	Solid	300.0	131477
880-68089-30	S-6 (4.5')	Soluble	Solid	300.0	131477
880-68089-31	S-7 (0-1')	Soluble	Solid	300.0	131477
880-68089-32	S-7 (2')	Soluble	Solid	300.0	131477
880-68089-33	S-7 (3')	Soluble	Solid	300.0	131477
880-68089-34	S-7 (4')	Soluble	Solid	300.0	131477
880-68089-35	S-7 (4.5')	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
LCSD 880-131477/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131477
880-68089-21 MS	S-5 (0-1')	Soluble	Solid	300.0	131477
880-68089-21 MSD	S-5 (0-1')	Soluble	Solid	300.0	131477
880-68089-31 MS	S-7 (0-1')	Soluble	Solid	300.0	131477
880-68089-31 MSD	S-7 (0-1')	Soluble	Solid	300.0	131477

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-1
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 01:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 01:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 08:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 08:33	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 11:12	SMC	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68089-2
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 01:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 01:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 09:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 09:18	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 11:28	SMC	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68089-3
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 02:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 02:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 09:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 09:33	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 11:33	SMC	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68089-4
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 02:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 02:28	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68089-4
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			131791	02/13/26 09:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 09:47	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 11:38	SMC	EET MID

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68089-5
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 02:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 02:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 10:02	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 11:44	SMC	EET MID

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

Lab Sample ID: 880-68089-6
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 03:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 03:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 10:17	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 11:59	SMC	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68089-7
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 03:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 03:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 10:32	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68089-7
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	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:05	SMC	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68089-8
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 03:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 10:47	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:10	SMC	EET MID

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68089-9
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 04:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 04:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 11:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 11:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:21	SMC	EET MID

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-68089-10
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 04:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 11:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 11:16	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:26	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-11
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 06:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 06:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 12:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 12:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:31	SMC	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68089-12
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			4.99 g	5 mL	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 06:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 06:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 12:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 12:30	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:47	SMC	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68089-13
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 06:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 06:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 12:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 12:46	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 12:53	SMC	EET MID

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68089-14
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 07:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 07:05	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68089-14
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	Analysis	8015 NM		1			131791	02/13/26 13:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 13:00	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:09	SMC	EET MID

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-68089-15
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 07:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 07:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 13:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 13:15	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:14	SMC	EET MID

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

Lab Sample ID: 880-68089-16
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 07:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 07:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 13:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 13:30	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:19	SMC	EET MID

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68089-17
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 08:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 08:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 13:44	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
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: 880-68089-17
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			4.98 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:25	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: 880-68089-18
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 08:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 08:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 13:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 13:59	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:30	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: 880-68089-19
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	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 08:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 08:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 14:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 14:14	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:35	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: 880-68089-20
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			5.00 g	5 mL	131597	02/12/26 11:30	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131568	02/13/26 09:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/13/26 09:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 14:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131469	02/11/26 10:51	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131701	02/13/26 14:29	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131475	02/11/26 11:03	SMC	EET MID
Soluble	Analysis	300.0		1			131580	02/12/26 13:41	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-21
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			5.01 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 15:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 15:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 08:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 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 08:33	SA	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 17:15	SMC	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68089-22
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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 16:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 16:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 09:18	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 09:18	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 17:35	SMC	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68089-23
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			4.95 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 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 16:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 11:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 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 11:46	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 17:42	SMC	EET MID

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68089-24
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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 16:58	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68089-24
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			131791	02/13/26 09:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 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 09:47	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 17:48	SMC	EET MID

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68089-25
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			5.05 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 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 17:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:02	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 10:02	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 17:55	SMC	EET MID

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

Lab Sample ID: 880-68089-26
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			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 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 17:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 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 10:17	SA	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 18:15	SMC	EET MID

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68089-27
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			4.98 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 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 17:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 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 10:32	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68089-27
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
Soluble	Leach	DI Leach			5.00 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 18:22	SMC	EET MID

Client Sample ID: S-6 (3')

Lab Sample ID: 880-68089-28
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	131600	02/12/26 11:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131569	02/12/26 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 18:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 10:47	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 10:47	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 18:28	SMC	EET MID

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68089-29
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 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 18:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 11:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 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 11:02	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 18:35	SMC	EET MID

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-68089-30
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 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 19:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 11:16	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 11:16	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 18:42	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68089-31
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			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 20:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 20:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 12:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 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 12:16	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 18:49	SMC	EET MID

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68089-32
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			4.97 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 21:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 21:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 12:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 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 12:30	SA	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 19:09	SMC	EET MID

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68089-33
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			4.95 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 21:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 21:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 12:46	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 12:46	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 19:15	SMC	EET MID

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68089-34
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			5.03 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 21:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 21:53	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68089-34
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	Analysis	8015 NM		1			131791	02/13/26 13:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 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 13:00	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 19:35	SMC	EET MID

Client Sample ID: S-7 (4.5')

Lab Sample ID: 880-68089-35
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 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131744	02/12/26 22:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			131791	02/13/26 13:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 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 13:15	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131477	02/11/26 11:06	SMC	EET MID
Soluble	Analysis	300.0		1			131593	02/12/26 19:42	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
Job ID: 880-68089-1
Project/Site: Spill West of Marathon Road
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: Spill West of Marathon Road

Job ID: 880-68089-1
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: Spill West of Marathon Road

Job ID: 880-68089-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68089-1	S-1 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-2	S-1 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-3	S-1 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-4	S-1 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-5	S-1 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-6	S-2 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-7	S-2 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-8	S-2 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-9	S-2 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-10	S-2 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-11	S-3 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-12	S-3 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-13	S-3 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-14	S-3 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-15	S-3 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-16	S-4 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-17	S-4 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-18	S-4 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-19	S-4 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-20	S-4 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-21	S-5 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-22	S-5 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-23	S-5 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-24	S-5 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-25	S-5 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-26	S-6 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-27	S-6 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-28	S-6 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-29	S-6 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-30	S-6 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-31	S-7 (0-1')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-32	S-7 (2')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-33	S-7 (3')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-34	S-7 (4')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68089-35	S-7 (4.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68089 Chain of Custody

2/13/2026

Page 1 of 4

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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JR/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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
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 (4.5')	2/9/2026		X		G	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
	2·10·26 16:30		

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Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

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Chain of Custody

Work Order No: _____

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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JR/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-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		

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		

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Chain of Custody

Work Order No: _____

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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JR/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_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
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
	2.10.26 16:30		

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Released to Imaging: 6/16/2026 11:41:25 AM

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Chain of Custody

Work Order No: _____

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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JR/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_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
S-7 (0-1')	2/9/2026		X		G	1	X	X	X		
S-7 (2')	2/9/2026		X		G	1	X	X	X		
S-7 (3')	2/9/2026		X		G	1	X	X	X		
S-7 (4')	2/9/2026		X		G	1	X	X	X		
S-7 (4.5')	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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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68089-1
SDG Number: Lea County New Mexico

Login Number: 68089
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 4:48:13 PM

JOB DESCRIPTION

Spill West of Marathon Road
Lea County New Mexico

JOB NUMBER

880-68087-1

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: Spill West of Marathon Road

Laboratory Job ID: 880-68087-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
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
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: Spill West of Marathon Road

Job ID: 880-68087-1

Job ID: 880-68087-1 Eurofins Midland

Job Narrative
880-68087-1

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
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.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: H-4 (0-0.5') (880-68087-4). Evidence of matrix interferences is not obvious.

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

HPLC/IC
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: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-68087-1
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		02/13/26 09:35	02/13/26 12:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:32*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:32*	*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 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/12/26 22:14	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	<49.7	U	49.7		mg/Kg		02/11/26 10:46	02/12/26 22:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:46	02/12/26 22:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:46	02/12/26 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*02/11/26 10:46*	*02/12/26 22:14*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*02/11/26 10:46*	*02/12/26 22:14*	*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 18:50	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-68087-2
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		02/13/26 09:35	02/13/26 12:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:35	02/13/26 12:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:35	02/13/26 12:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 09:35	02/13/26 12:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:35	02/13/26 12:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 09:35	02/13/26 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:53*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-68087-2
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 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/12/26 22:28	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	<50.2	U	50.2		mg/Kg		02/11/26 10:46	02/12/26 22:28	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 10:46	02/12/26 22:28	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/11/26 10:46	02/12/26 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*02/11/26 10:46*	*02/12/26 22:28*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*02/11/26 10:46*	*02/12/26 22:28*	*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 18:56	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-68087-3
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	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/26 09:35	02/13/26 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/26 09:35	02/13/26 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*02/13/26 09:35*	*02/13/26 13:13*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*02/13/26 09:35*	*02/13/26 13:13*	*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 13:13	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			02/12/26 22:43	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	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 22:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 22:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-68087-3
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)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*02/11/26 10:46*	*02/12/26 22:43*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*02/11/26 10:46*	*02/12/26 22:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.1**		10.0		mg/Kg			02/12/26 19:01	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-68087-4
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		02/13/26 09:35	02/13/26 13:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 13:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 13:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/26 09:35	02/13/26 13:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/26 09:35	02/13/26 13:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/26 09:35	02/13/26 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*02/13/26 09:35*	*02/13/26 13:34*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/13/26 09:35*	*02/13/26 13:34*	*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			02/13/26 13:34	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 22:58	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	<49.8	U	49.8		mg/Kg		02/11/26 10:46	02/12/26 22:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:46	02/12/26 22:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:46	02/12/26 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*239*	*S1+*	*70 - 130*	*02/11/26 10:46*	*02/12/26 22:58*	*1*
o-Terphenyl (Surr)	*252*	*S1+*	*70 - 130*	*02/11/26 10:46*	*02/12/26 22:58*	*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 19:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-68087-5
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 09:35	02/13/26 13:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/26 09:35	02/13/26 13:55	1
o-Xylene	**0.00264**		0.00200		mg/Kg		02/13/26 09:35	02/13/26 13:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/26 09:35	02/13/26 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/13/26 09:35*	*02/13/26 13:55*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*02/13/26 09:35*	*02/13/26 13:55*	*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 13:55	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 23:13	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		02/11/26 10:46	02/12/26 23:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 23:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:46	02/12/26 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*02/11/26 10:46*	*02/12/26 23:13*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*02/11/26 10:46*	*02/12/26 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.8**		10.1		mg/Kg			02/12/26 19:12	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-68087-6
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 09:35	02/13/26 14:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:35	02/13/26 14:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:35	02/13/26 14:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/26 09:35	02/13/26 14:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/26 09:35	02/13/26 14:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/26 09:35	02/13/26 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*02/13/26 09:35*	*02/13/26 14:15*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*02/13/26 09:35*	*02/13/26 14:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-68087-6
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 14:15	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 23:28	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 10:46	02/12/26 23:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:46	02/12/26 23:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:46	02/12/26 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*02/11/26 10:46*	*02/12/26 23:28*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*02/11/26 10:46*	*02/12/26 23:28*	*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			02/12/26 19:17	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-68087-7
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	<0.00202	U	0.00202		mg/Kg		02/13/26 09:35	02/13/26 14:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/13/26 09:35	02/13/26 14:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/13/26 09:35	02/13/26 14:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/13/26 09:35	02/13/26 14:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/13/26 09:35	02/13/26 14:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/13/26 09:35	02/13/26 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*02/13/26 09:35*	*02/13/26 14:36*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*02/13/26 09:35*	*02/13/26 14:36*	*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			02/13/26 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/12/26 23:43	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	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 23:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 23:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 02/09/26 00:00
Date Received: 02/10/26 16:30

Lab Sample ID: 880-68087-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:46	02/12/26 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*02/11/26 10:46*	*02/12/26 23:43*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*02/11/26 10:46*	*02/12/26 23:43*	*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 19:22	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
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)										
880-68087-1	H-1 (0-0.5')	109	103										
880-68087-1 MS	H-1 (0-0.5')	100	112										
880-68087-1 MSD	H-1 (0-0.5')	102	111										
880-68087-2	H-2 (0-0.5')	101	108										
880-68087-3	H-3 (0-0.5')	105	113										
880-68087-4	H-4 (0-0.5')	99	111										
880-68087-5	H-5 (0-0.5')	109	103										
880-68087-6	H-6 (0-0.5')	104	111										
880-68087-7	H-7 (0-0.5')	103	112										
LCS 880-131709/1-A	Lab Control Sample	100	110										
LCSD 880-131709/2-A	Lab Control Sample Dup	107	117										
MB 880-131709/5-A	Method Blank	97	107										

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										
880-68087-1	H-1 (0-0.5')	114	120										
880-68087-2	H-2 (0-0.5')	115	124										
880-68087-3	H-3 (0-0.5')	113	123										
880-68087-4	H-4 (0-0.5')	239 S1+	252 S1+										
880-68087-5	H-5 (0-0.5')	109	118										
880-68087-6	H-6 (0-0.5')	111	118										
880-68087-7	H-7 (0-0.5')	108	115										
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: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131709/5-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/26 09:35	02/13/26 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/26 09:35	02/13/26 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:10*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*02/13/26 09:35*	*02/13/26 12:10*	*1*

Lab Sample ID: LCS 880-131709/1-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08444		mg/Kg		84	70 - 130
Toluene	0.100	0.07991		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.08793		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1682		mg/Kg		84	70 - 130
o-Xylene	0.100	0.07973		mg/Kg		80	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-131709/2-A
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09148		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08573		mg/Kg		86	70 - 130	7	35
Ethylbenzene	0.100	0.09253		mg/Kg		93	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130	8	35
o-Xylene	0.100	0.08633		mg/Kg		86	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*

Lab Sample ID: 880-68087-1 MS
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08699		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.08249		mg/Kg		82	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68087-1 MS
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08659		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1662		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.100	0.08054		mg/Kg		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-68087-1 MSD
Matrix: Solid
Analysis Batch: 131691

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 131709

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	0.09808		mg/Kg		98	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.09416		mg/Kg		94	70 - 130	13	35
Ethylbenzene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130	15	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1935		mg/Kg		97	70 - 130	15	35
o-Xylene	<0.00200	U	0.100	0.09422		mg/Kg		94	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

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

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	135	S1+	70 - 130

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

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

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

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-A-7-B MS
Matrix: Solid
Analysis Batch: 131640

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	<9.96	U	249	250.3		mg/Kg		97	90 - 110		

Lab Sample ID: 880-68084-A-7-C MSD
Matrix: Solid
Analysis Batch: 131640

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	<9.96	U	249	250.2		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68087-1	H-1 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-2	H-2 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-3	H-3 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-4	H-4 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-5	H-5 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-6	H-6 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-7	H-7 (0-0.5')	Total/NA	Solid	8021B	131709
MB 880-131709/5-A	Method Blank	Total/NA	Solid	8021B	131709
LCS 880-131709/1-A	Lab Control Sample	Total/NA	Solid	8021B	131709
LCSD 880-131709/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131709
880-68087-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	131709
880-68087-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	131709

Prep Batch: 131709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68087-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68087-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-68087-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-68087-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-68087-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-68087-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-68087-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-131709/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131709/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131709/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68087-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68087-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 131806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68087-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68087-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68087-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68087-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68087-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68087-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68087-7	H-7 (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
880-68087-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68087-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68087-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68087-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68087-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68087-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68087-7	H-7 (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	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131466 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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
880-68087-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68087-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68087-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68087-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68087-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68087-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	131466
880-68087-7	H-7 (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

Analysis Batch: 131726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68087-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-68087-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-68087-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-68087-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-68087-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-68087-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-68087-7	H-7 (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
880-68087-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-68087-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-68087-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-68087-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-68087-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-68087-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-68087-7	H-7 (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-A-7-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68084-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68087-1	H-1 (0-0.5')	Soluble	Solid	300.0	131455
880-68087-2	H-2 (0-0.5')	Soluble	Solid	300.0	131455
880-68087-3	H-3 (0-0.5')	Soluble	Solid	300.0	131455

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131640 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68087-4	H-4 (0-0.5')	Soluble	Solid	300.0	131455
880-68087-5	H-5 (0-0.5')	Soluble	Solid	300.0	131455
880-68087-6	H-6 (0-0.5')	Soluble	Solid	300.0	131455
880-68087-7	H-7 (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-A-7-B MS	Matrix Spike	Soluble	Solid	300.0	131455
880-68084-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131455

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-68087-1
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			5.00 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 12:32	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 12:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			131726	02/12/26 22:14	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 22:14	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 18:50	SMC	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-68087-2
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	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 12:53	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 12:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			131726	02/12/26 22:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 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 22:28	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 18:56	SMC	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-68087-3
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			4.99 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 13:13	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 13:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			131726	02/12/26 22:43	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 22:43	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 19:01	SMC	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-68087-4
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	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 13:34	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 13:34	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-68087-4
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			131726	02/12/26 22:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 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 22:58	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 19:06	SMC	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-68087-5
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			5.01 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 13:55	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 13:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			131726	02/12/26 23:13	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 23:13	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 19:12	SMC	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-68087-6
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			4.97 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 14:15	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 14:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			131726	02/12/26 23:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 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 23:28	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 19:17	SMC	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-68087-7
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			4.95 g	5 mL	131709	02/13/26 09:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131691	02/13/26 14:36	SA	EET MID
Total/NA	Analysis	Total BTEX		1			131806	02/13/26 14:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			131726	02/12/26 23:43	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 23:43	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

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

Lab Sample ID: 880-68087-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	131455	02/11/26 09:51	SI	EET MID
Soluble	Analysis	300.0		1			131640	02/12/26 19:22	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: Spill West of Marathon Road

Job ID: 880-68087-1
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: Spill West of Marathon Road

Job ID: 880-68087-1
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: Spill West of Marathon Road

Job ID: 880-68087-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68087-1	H-1 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68087-2	H-2 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68087-3	H-3 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68087-4	H-4 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68087-5	H-5 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68087-6	H-6 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas
880-68087-7	H-7 (0-0.5')	Solid	02/09/26 00:00	02/10/26 16:30	Texas

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Chain of Custody

880-68087 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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	JR/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_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
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		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.10.26 16:30		

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Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68087-1
SDG Number: Lea County New Mexico

Login Number: 68087
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 3/17/2026 10:57:59 AM

JOB DESCRIPTION

Spill West of Marathon Road
Lea County New Mexico

JOB NUMBER

890-9640-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/16/2026 11:41:23 AM

my EOL

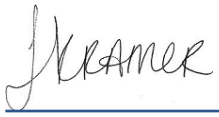
Eurofins Carlsbad

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
3/17/2026 10:57:59 AM

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

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Laboratory Job ID: 890-9640-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
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
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: Spill West of Marathon Road

Job ID: 890-9640-1

Job ID: 890-9640-1 Eurofins Carlsbad

Job Narrative
890-9640-1

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 3/13/2026 2:35 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 5.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (2.5) (890-9640-1), CS-2 (2.5) (890-9640-2), CS-3 (2.5) (890-9640-3), CS-4 (2.5) (890-9640-4), CS-5 (2.5) (890-9640-5), CS-6 (3.5) (890-9640-6), CS-7 (3.5) (890-9640-7), CS-8 (3.5) (890-9640-8), CS-9 (3.5) (890-9640-9), CS-10 (3.5) (890-9640-10) and CS-11 (3.5) (890-9640-11).

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: Surrogate recovery for the following sample was outside control limits: CS-1 (2.5) (890-9640-1). 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: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-1 (2.5)

Lab Sample ID: 890-9640-1

Date Collected: 03/12/26 00:00
Matrix: Solid
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/16/26 22:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/16/26 22:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/16/26 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/16/26 22:58*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/16/26 10:19*	*03/16/26 22:58*	*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			03/16/26 22:58	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			03/16/26 13:43	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	<49.9	U	49.9		mg/Kg		03/13/26 17:17	03/16/26 13:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 17:17	03/16/26 13:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/13/26 17:17	03/16/26 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*03/13/26 17:17*	*03/16/26 13:43*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*03/13/26 17:17*	*03/16/26 13:43*	*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			03/16/26 14:30	1

Client Sample ID: CS-2 (2.5)

Lab Sample ID: 890-9640-2

Date Collected: 03/12/26 00:00
Matrix: Solid
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/16/26 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/16/26 23:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/16/26 23:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/16/26 23:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/16/26 23:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/16/26 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/16/26 10:19*	*03/16/26 23:18*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/16/26 10:19*	*03/16/26 23:18*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-2 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-2
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			03/16/26 23:18	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			03/17/26 06:53	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		03/13/26 17:22	03/17/26 06:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/13/26 17:22	03/17/26 06:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/13/26 17:22	03/17/26 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*03/13/26 17:22*	*03/17/26 06:53*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*03/13/26 17:22*	*03/17/26 06:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.1**		10.0		mg/Kg			03/16/26 14:46	1

Client Sample ID: CS-3 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-3
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		03/16/26 10:19	03/16/26 23:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/16/26 23:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/16/26 23:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/16/26 23:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/16/26 23:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/16/26 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/16/26 10:19*	*03/16/26 23:39*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/16/26 23:39*	*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			03/16/26 23:39	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			03/16/26 14:10	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		03/13/26 17:17	03/16/26 14:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 17:17	03/16/26 14:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-3 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-3
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		03/13/26 17:17	03/16/26 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:10*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:10*	*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			03/16/26 14:51	1

Client Sample ID: CS-4 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-4
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		03/16/26 10:19	03/17/26 00:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 00:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 00:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/26 10:19	03/17/26 00:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 00:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/26 10:19	03/17/26 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/16/26 10:19*	*03/17/26 00:00*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/16/26 10:19*	*03/17/26 00:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/26 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/16/26 14:24	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	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 14:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:24*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.3**		9.98		mg/Kg			03/16/26 14:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-5 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-5
Matrix: Solid

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		03/16/26 10:19	03/17/26 00:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 00:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 00:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/16/26 10:19	03/17/26 00:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 00:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/16/26 10:19	03/17/26 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/16/26 10:19*	*03/17/26 00:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/17/26 00:20*	*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			03/17/26 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/16/26 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	<49.8	U	49.8		mg/Kg		03/13/26 17:17	03/16/26 14:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/13/26 17:17	03/16/26 14:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/13/26 17:17	03/16/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:37*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.9**		9.96		mg/Kg			03/16/26 15:02	1

Client Sample ID: CS-6 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-6
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		03/16/26 10:19	03/17/26 00:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 00:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 00:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/17/26 00:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 00:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/17/26 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/16/26 10:19*	*03/17/26 00:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/16/26 10:19*	*03/17/26 00:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-6 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/17/26 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/16/26 14:51	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		03/13/26 17:17	03/16/26 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 14:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:51*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*03/13/26 17:17*	*03/16/26 14:51*	*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			03/16/26 15:18	1

Client Sample ID: CS-7 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-7
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		03/16/26 10:19	03/17/26 01:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 01:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 01:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/17/26 01:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 01:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/17/26 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/16/26 10:19*	*03/17/26 01:02*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/16/26 10:19*	*03/17/26 01:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/17/26 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/16/26 15:05	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		03/13/26 17:17	03/16/26 15:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 17:17	03/16/26 15:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-9640-7
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/13/26 17:17	03/16/26 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:05*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:05*	*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			03/16/26 15:23	1

Client Sample ID: CS-8 (3.5)

Lab Sample ID: 890-9640-8
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 01:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 01:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 01:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/17/26 01:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 01:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/17/26 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/17/26 01:22*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 10:19*	*03/17/26 01:22*	*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			03/17/26 01:22	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			03/16/26 15:20	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		03/13/26 17:17	03/16/26 15:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 15:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:20*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.2**		10.0		mg/Kg			03/16/26 15:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-9 (3.5)

Lab Sample ID: 890-9640-9
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 01:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 01:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 01:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/26 10:19	03/17/26 01:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 01:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/26 10:19	03/17/26 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/16/26 10:19*	*03/17/26 01:43*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/16/26 10:19*	*03/17/26 01:43*	*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			03/17/26 01:43	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			03/16/26 15:33	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		03/13/26 17:17	03/16/26 15:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/13/26 17:17	03/16/26 15:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/13/26 17:17	03/16/26 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:33*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:33*	*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			03/16/26 15:33	1

Client Sample ID: CS-10 (3.5)

Lab Sample ID: 890-9640-10
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 02:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 02:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 02:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/16/26 10:19	03/17/26 02:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 02:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/16/26 10:19	03/17/26 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/16/26 10:19*	*03/17/26 02:04*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/16/26 10:19*	*03/17/26 02:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-10 (3.5)

Lab Sample ID: 890-9640-10
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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			03/17/26 02:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/16/26 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/13/26 17:17	03/16/26 15:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/13/26 17:17	03/16/26 15:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/13/26 17:17	03/16/26 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:48*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*03/13/26 17:17*	*03/16/26 15:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.3**		10.0		mg/Kg			03/16/26 15:39	1

Client Sample ID: CS-11 (3.5)

Lab Sample ID: 890-9640-11
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 03:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 03:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 03:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/17/26 03:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 03:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/17/26 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/16/26 10:19*	*03/17/26 03:26*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/16/26 10:19*	*03/17/26 03:26*	*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			03/17/26 03:26	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			03/16/26 18:49	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		03/13/26 17:19	03/16/26 18:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 18:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-11 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-11

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		03/13/26 17:19	03/16/26 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:49*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.9**		10.0		mg/Kg			03/16/26 15:44	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
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)
890-9640-1	CS-1 (2.5)	98	102
890-9640-1 MS	CS-1 (2.5)	103	99
890-9640-1 MSD	CS-1 (2.5)	104	101
890-9640-2	CS-2 (2.5)	104	103
890-9640-3	CS-3 (2.5)	101	98
890-9640-4	CS-4 (2.5)	105	104
890-9640-5	CS-5 (2.5)	99	98
890-9640-6	CS-6 (3.5)	99	96
890-9640-7	CS-7 (3.5)	106	101
890-9640-8	CS-8 (3.5)	98	100
890-9640-9	CS-9 (3.5)	105	105
890-9640-10	CS-10 (3.5)	102	99
890-9640-11	CS-11 (3.5)	102	101
LCS 880-134944/1-A	Lab Control Sample	101	105
LCSD 880-134944/2-A	Lab Control Sample Dup	102	101
MB 880-134926/5-A	Method Blank	100	100
MB 880-134944/5-A	Method Blank	96	98

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)
880-69587-A-1-B MS	Matrix Spike	92	90
880-69587-A-1-C MSD	Matrix Spike Duplicate	88	85
880-69589-A-9-B MS	Matrix Spike	125	111
880-69589-A-9-C MSD	Matrix Spike Duplicate	101	112
890-9640-1	CS-1 (2.5)	64 S1-	73
890-9640-2	CS-2 (2.5)	83	102
890-9640-3	CS-3 (2.5)	81	96
890-9640-4	CS-4 (2.5)	78	89
890-9640-5	CS-5 (2.5)	79	90
890-9640-6	CS-6 (3.5)	75	89
890-9640-7	CS-7 (3.5)	82	93
890-9640-8	CS-8 (3.5)	76	89
890-9640-9	CS-9 (3.5)	79	89
890-9640-10	CS-10 (3.5)	77	92
890-9640-11	CS-11 (3.5)	109	113
890-9640-11 MS	CS-11 (3.5)	113	114
890-9640-11 MSD	CS-11 (3.5)	114	114
LCS 880-134869/2-A	Lab Control Sample	85	115
LCS 880-134870/2-A	Lab Control Sample	90	92
LCS 880-134871/2-A	Lab Control Sample	99	113
LCSD 880-134869/3-A	Lab Control Sample Dup	85	114
LCSD 880-134870/3-A	Lab Control Sample Dup	95	96

Surrogate Summary

Client: Carmona Resources Job ID: 890-9640-1
Project/Site: Spill West of Marathon Road 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)								
LCSD 880-134871/3-A	Lab Control Sample Dup	103	116								
MB 880-134869/1-A	Method Blank	115	127								
MB 880-134870/1-A	Method Blank	112	108								
MB 880-134871/1-A	Method Blank	95	100								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134926/5-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/26 08:37	03/16/26 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 08:37*	*03/16/26 11:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 08:37*	*03/16/26 11:51*	*1*

Lab Sample ID: MB 880-134944/5-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/26 10:19	03/16/26 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/16/26 10:19*	*03/16/26 22:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/16/26 22:36*	*1*

Lab Sample ID: LCS 880-134944/1-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134944

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09054		mg/Kg		91	70 - 130
Toluene	0.100	0.07983		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.08776		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1691		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08732		mg/Kg		87	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-134944/2-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134944

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09716		mg/Kg		97	70 - 130	7	35

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-134944/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134919 — **Prep Batch: 134944**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08454		mg/Kg		85	70 - 130	6	35
Ethylbenzene			0.100	0.09235		mg/Kg		92	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1819		mg/Kg		91	70 - 130	7	35
o-Xylene			0.100	0.09308		mg/Kg		93	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-9640-1 MS — **Client Sample ID: CS-1 (2.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134919 — **Prep Batch: 134944**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09983		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.100	0.08716		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09780		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1842		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09367		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-9640-1 MSD — **Client Sample ID: CS-1 (2.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134919 — **Prep Batch: 134944**

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	0.1070		mg/Kg		107	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09364		mg/Kg		94	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1976		mg/Kg		99	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-134869/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134932 — **Prep Batch: 134869**

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		03/13/26 17:17	03/16/26 07:44	1

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-134869/1-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134869

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		03/13/26 17:17	03/16/26 07:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:17	03/16/26 07:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*03/13/26 17:17*	*03/16/26 07:44*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*03/13/26 17:17*	*03/16/26 07:44*	*1*

Lab Sample ID: LCS 880-134869/2-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134869

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1102		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1093		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*85*		*70 - 130*
o-Terphenyl (Surr)	*115*		*70 - 130*

Lab Sample ID: LCSD 880-134869/3-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134869

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1116		mg/Kg		112	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1123		mg/Kg		112	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*85*		*70 - 130*
o-Terphenyl (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-69587-A-1-B MS
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134869

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	841.6		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	781.9		mg/Kg		78	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*90*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-69587-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134932 — **Prep Batch: 134869**

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	810.8		mg/Kg		81	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	756.8		mg/Kg		76	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*88*		*70 - 130*
o-Terphenyl (Surr)	*85*		*70 - 130*

Lab Sample ID: MB 880-134870/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134950 — **Prep Batch: 134870**

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		03/13/26 17:19	03/16/26 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 18:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:02*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:02*	*1*

Lab Sample ID: LCS 880-134870/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134950 — **Prep Batch: 134870**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1010		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	937.6		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-134870/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134950 — **Prep Batch: 134870**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1031		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	988.3		mg/Kg		99	70 - 130	5	20

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-134870/3-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134870

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 890-9640-11 MS
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: CS-11 (3.5)
Prep Type: Total/NA
Prep Batch: 134870

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	1176		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1146		mg/Kg		113	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 890-9640-11 MSD
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: CS-11 (3.5)
Prep Type: Total/NA
Prep Batch: 134870

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	1191		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1173		mg/Kg		116	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: MB 880-134871/1-A
Matrix: Solid
Analysis Batch: 134948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134871

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		03/13/26 17:22	03/17/26 00:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:22	03/17/26 00:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:22	03/17/26 00:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	03/13/26 17:22	03/17/26 00:44	1
o-Terphenyl (Surr)	100		70 - 130	03/13/26 17:22	03/17/26 00:44	1

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-134871/2-A
Matrix: Solid
Analysis Batch: 134948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134871

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	996.4		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	939.4		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-134871/3-A
Matrix: Solid
Analysis Batch: 134948

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134871

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1037		mg/Kg		104	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	976.8		mg/Kg		98	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-69589-A-9-B MS
Matrix: Solid
Analysis Batch: 134948

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134871

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	919.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	788.3		mg/Kg		79	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-69589-A-9-C MSD
Matrix: Solid
Analysis Batch: 134948

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134871

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	948.3		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	876.0		mg/Kg		88	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-69589-A-9-C MSD
Matrix: Solid
Analysis Batch: 134948

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134871

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	112		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134924/1-A
Matrix: Solid
Analysis Batch: 134964

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			03/16/26 14:15	1

Lab Sample ID: LCS 880-134924/2-A
Matrix: Solid
Analysis Batch: 134964

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.3		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-134924/3-A
Matrix: Solid
Analysis Batch: 134964

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	245.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-9640-1 MS
Matrix: Solid
Analysis Batch: 134964

Client Sample ID: CS-1 (2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.1	U	252	259.1		mg/Kg		99	90 - 110		

Lab Sample ID: 890-9640-1 MSD
Matrix: Solid
Analysis Batch: 134964

Client Sample ID: CS-1 (2.5)
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	252	259.5		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-9640-11 MS
Matrix: Solid
Analysis Batch: 134964

Client Sample ID: CS-11 (3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	19.9		251	280.3		mg/Kg		104	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9640-11 MSD
Matrix: Solid
Analysis Batch: 134964

Client Sample ID: CS-11 (3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.9		251	293.2		mg/Kg		109	90 - 110	5	20

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 134919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Total/NA	Solid	8021B	134944
890-9640-2	CS-2 (2.5)	Total/NA	Solid	8021B	134944
890-9640-3	CS-3 (2.5)	Total/NA	Solid	8021B	134944
890-9640-4	CS-4 (2.5)	Total/NA	Solid	8021B	134944
890-9640-5	CS-5 (2.5)	Total/NA	Solid	8021B	134944
890-9640-6	CS-6 (3.5)	Total/NA	Solid	8021B	134944
890-9640-7	CS-7 (3.5)	Total/NA	Solid	8021B	134944
890-9640-8	CS-8 (3.5)	Total/NA	Solid	8021B	134944
890-9640-9	CS-9 (3.5)	Total/NA	Solid	8021B	134944
890-9640-10	CS-10 (3.5)	Total/NA	Solid	8021B	134944
890-9640-11	CS-11 (3.5)	Total/NA	Solid	8021B	134944
MB 880-134926/5-A	Method Blank	Total/NA	Solid	8021B	134926
MB 880-134944/5-A	Method Blank	Total/NA	Solid	8021B	134944
LCS 880-134944/1-A	Lab Control Sample	Total/NA	Solid	8021B	134944
LCSD 880-134944/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134944
890-9640-1 MS	CS-1 (2.5)	Total/NA	Solid	8021B	134944
890-9640-1 MSD	CS-1 (2.5)	Total/NA	Solid	8021B	134944

Prep Batch: 134926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-134926/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 134944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Total/NA	Solid	5035	
890-9640-2	CS-2 (2.5)	Total/NA	Solid	5035	
890-9640-3	CS-3 (2.5)	Total/NA	Solid	5035	
890-9640-4	CS-4 (2.5)	Total/NA	Solid	5035	
890-9640-5	CS-5 (2.5)	Total/NA	Solid	5035	
890-9640-6	CS-6 (3.5)	Total/NA	Solid	5035	
890-9640-7	CS-7 (3.5)	Total/NA	Solid	5035	
890-9640-8	CS-8 (3.5)	Total/NA	Solid	5035	
890-9640-9	CS-9 (3.5)	Total/NA	Solid	5035	
890-9640-10	CS-10 (3.5)	Total/NA	Solid	5035	
890-9640-11	CS-11 (3.5)	Total/NA	Solid	5035	
MB 880-134944/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134944/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134944/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9640-1 MS	CS-1 (2.5)	Total/NA	Solid	5035	
890-9640-1 MSD	CS-1 (2.5)	Total/NA	Solid	5035	

Analysis Batch: 135105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Total/NA	Solid	Total BTEX	
890-9640-2	CS-2 (2.5)	Total/NA	Solid	Total BTEX	
890-9640-3	CS-3 (2.5)	Total/NA	Solid	Total BTEX	
890-9640-4	CS-4 (2.5)	Total/NA	Solid	Total BTEX	
890-9640-5	CS-5 (2.5)	Total/NA	Solid	Total BTEX	
890-9640-6	CS-6 (3.5)	Total/NA	Solid	Total BTEX	
890-9640-7	CS-7 (3.5)	Total/NA	Solid	Total BTEX	
890-9640-8	CS-8 (3.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 135105 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-9	CS-9 (3.5)	Total/NA	Solid	Total BTEX	
890-9640-10	CS-10 (3.5)	Total/NA	Solid	Total BTEX	
890-9640-11	CS-11 (3.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 134869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Total/NA	Solid	8015NM Prep	
890-9640-3	CS-3 (2.5)	Total/NA	Solid	8015NM Prep	
890-9640-4	CS-4 (2.5)	Total/NA	Solid	8015NM Prep	
890-9640-5	CS-5 (2.5)	Total/NA	Solid	8015NM Prep	
890-9640-6	CS-6 (3.5)	Total/NA	Solid	8015NM Prep	
890-9640-7	CS-7 (3.5)	Total/NA	Solid	8015NM Prep	
890-9640-8	CS-8 (3.5)	Total/NA	Solid	8015NM Prep	
890-9640-9	CS-9 (3.5)	Total/NA	Solid	8015NM Prep	
890-9640-10	CS-10 (3.5)	Total/NA	Solid	8015NM Prep	
MB 880-134869/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134869/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-69587-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-69587-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 134870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-11	CS-11 (3.5)	Total/NA	Solid	8015NM Prep	
MB 880-134870/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134870/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9640-11 MS	CS-11 (3.5)	Total/NA	Solid	8015NM Prep	
890-9640-11 MSD	CS-11 (3.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 134871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-2	CS-2 (2.5)	Total/NA	Solid	8015NM Prep	
MB 880-134871/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134871/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134871/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-69589-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-69589-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Total/NA	Solid	8015B NM	134869
890-9640-3	CS-3 (2.5)	Total/NA	Solid	8015B NM	134869
890-9640-4	CS-4 (2.5)	Total/NA	Solid	8015B NM	134869
890-9640-5	CS-5 (2.5)	Total/NA	Solid	8015B NM	134869
890-9640-6	CS-6 (3.5)	Total/NA	Solid	8015B NM	134869
890-9640-7	CS-7 (3.5)	Total/NA	Solid	8015B NM	134869
890-9640-8	CS-8 (3.5)	Total/NA	Solid	8015B NM	134869
890-9640-9	CS-9 (3.5)	Total/NA	Solid	8015B NM	134869

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 134932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-10	CS-10 (3.5)	Total/NA	Solid	8015B NM	134869
MB 880-134869/1-A	Method Blank	Total/NA	Solid	8015B NM	134869
LCS 880-134869/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134869
LCSD 880-134869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134869
880-69587-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134869
880-69587-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134869

Analysis Batch: 134948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-2	CS-2 (2.5)	Total/NA	Solid	8015B NM	134871
MB 880-134871/1-A	Method Blank	Total/NA	Solid	8015B NM	134871
LCS 880-134871/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134871
LCSD 880-134871/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134871
880-69589-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134871
880-69589-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134871

Analysis Batch: 134950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-11	CS-11 (3.5)	Total/NA	Solid	8015B NM	134870
MB 880-134870/1-A	Method Blank	Total/NA	Solid	8015B NM	134870
LCS 880-134870/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134870
LCSD 880-134870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134870
890-9640-11 MS	CS-11 (3.5)	Total/NA	Solid	8015B NM	134870
890-9640-11 MSD	CS-11 (3.5)	Total/NA	Solid	8015B NM	134870

Analysis Batch: 135010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Total/NA	Solid	8015 NM	
890-9640-2	CS-2 (2.5)	Total/NA	Solid	8015 NM	
890-9640-3	CS-3 (2.5)	Total/NA	Solid	8015 NM	
890-9640-4	CS-4 (2.5)	Total/NA	Solid	8015 NM	
890-9640-5	CS-5 (2.5)	Total/NA	Solid	8015 NM	
890-9640-6	CS-6 (3.5)	Total/NA	Solid	8015 NM	
890-9640-7	CS-7 (3.5)	Total/NA	Solid	8015 NM	
890-9640-8	CS-8 (3.5)	Total/NA	Solid	8015 NM	
890-9640-9	CS-9 (3.5)	Total/NA	Solid	8015 NM	
890-9640-10	CS-10 (3.5)	Total/NA	Solid	8015 NM	
890-9640-11	CS-11 (3.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Soluble	Solid	DI Leach	
890-9640-2	CS-2 (2.5)	Soluble	Solid	DI Leach	
890-9640-3	CS-3 (2.5)	Soluble	Solid	DI Leach	
890-9640-4	CS-4 (2.5)	Soluble	Solid	DI Leach	
890-9640-5	CS-5 (2.5)	Soluble	Solid	DI Leach	
890-9640-6	CS-6 (3.5)	Soluble	Solid	DI Leach	
890-9640-7	CS-7 (3.5)	Soluble	Solid	DI Leach	
890-9640-8	CS-8 (3.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 134924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-9	CS-9 (3.5)	Soluble	Solid	DI Leach	
890-9640-10	CS-10 (3.5)	Soluble	Solid	DI Leach	
890-9640-11	CS-11 (3.5)	Soluble	Solid	DI Leach	
MB 880-134924/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134924/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134924/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9640-1 MS	CS-1 (2.5)	Soluble	Solid	DI Leach	
890-9640-1 MSD	CS-1 (2.5)	Soluble	Solid	DI Leach	
890-9640-11 MS	CS-11 (3.5)	Soluble	Solid	DI Leach	
890-9640-11 MSD	CS-11 (3.5)	Soluble	Solid	DI Leach	

Analysis Batch: 134964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9640-1	CS-1 (2.5)	Soluble	Solid	300.0	134924
890-9640-2	CS-2 (2.5)	Soluble	Solid	300.0	134924
890-9640-3	CS-3 (2.5)	Soluble	Solid	300.0	134924
890-9640-4	CS-4 (2.5)	Soluble	Solid	300.0	134924
890-9640-5	CS-5 (2.5)	Soluble	Solid	300.0	134924
890-9640-6	CS-6 (3.5)	Soluble	Solid	300.0	134924
890-9640-7	CS-7 (3.5)	Soluble	Solid	300.0	134924
890-9640-8	CS-8 (3.5)	Soluble	Solid	300.0	134924
890-9640-9	CS-9 (3.5)	Soluble	Solid	300.0	134924
890-9640-10	CS-10 (3.5)	Soluble	Solid	300.0	134924
890-9640-11	CS-11 (3.5)	Soluble	Solid	300.0	134924
MB 880-134924/1-A	Method Blank	Soluble	Solid	300.0	134924
LCS 880-134924/2-A	Lab Control Sample	Soluble	Solid	300.0	134924
LCSD 880-134924/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134924
890-9640-1 MS	CS-1 (2.5)	Soluble	Solid	300.0	134924
890-9640-1 MSD	CS-1 (2.5)	Soluble	Solid	300.0	134924
890-9640-11 MS	CS-11 (3.5)	Soluble	Solid	300.0	134924
890-9640-11 MSD	CS-11 (3.5)	Soluble	Solid	300.0	134924

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-1 (2.5)

Lab Sample ID: 890-9640-1
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/16/26 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/16/26 22:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 13:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 13:43	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 14:30	CS	EET MID

Client Sample ID: CS-2 (2.5)

Lab Sample ID: 890-9640-2
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/16/26 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/16/26 23:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/17/26 06:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134871	03/13/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134948	03/17/26 06:53	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 14:46	CS	EET MID

Client Sample ID: CS-3 (2.5)

Lab Sample ID: 890-9640-3
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/16/26 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/16/26 23:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 14:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 14:10	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 14:51	CS	EET MID

Client Sample ID: CS-4 (2.5)

Lab Sample ID: 890-9640-4
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 00:00	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-4 (2.5)

Lab Sample ID: 890-9640-4
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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			135010	03/16/26 14:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 14:24	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 14:57	CS	EET MID

Client Sample ID: CS-5 (2.5)

Lab Sample ID: 890-9640-5
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 00:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 14:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 14:37	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:02	CS	EET MID

Client Sample ID: CS-6 (3.5)

Lab Sample ID: 890-9640-6
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 00:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 14:51	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:18	CS	EET MID

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-9640-7
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 01:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 15:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 15:05	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-7 (3.5)

Lab Sample ID: 890-9640-7
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:23	CS	EET MID

Client Sample ID: CS-8 (3.5)

Lab Sample ID: 890-9640-8
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 01:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 15:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 15:20	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:28	CS	EET MID

Client Sample ID: CS-9 (3.5)

Lab Sample ID: 890-9640-9
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 01:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 01:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 15:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 15:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:33	CS	EET MID

Client Sample ID: CS-10 (3.5)

Lab Sample ID: 890-9640-10
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 02:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 15:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134869	03/13/26 17:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/16/26 15:48	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:39	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Client Sample ID: CS-11 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9640-11

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			5.01 g	5 mL	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135105	03/17/26 03:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			135010	03/16/26 18:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 18:49	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 15:44	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
Job ID: 890-9640-1
Project/Site: Spill West of Marathon Road
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: Spill West of Marathon Road

Job ID: 890-9640-1
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: Spill West of Marathon Road

Job ID: 890-9640-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9640-1	CS-1 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-2	CS-2 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-3	CS-3 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-4	CS-4 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-5	CS-5 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-6	CS-6 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-7	CS-7 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-8	CS-8 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-9	CS-9 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-10	CS-10 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9640-11	CS-11 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas

Released to Imaging: 6/16/2026 11:41:25 AM
Received by OCD: 5/11/2026 2:33:29 PM

Chain of Custody

890-9640 Chain of Custody

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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes ~~No~~	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TNA0027
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.4

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-1 (2.5')	3/12/2026		X		C	1	X	X	X		
CS-2 (2.5')	3/12/2026		X		C	1	X	X	X		
CS-3 (2.5')	3/12/2026		X		C	1	X	X	X		
CS-4 (2.5')	3/12/2026		X		C	1	X	X	X		
CS-5 (2.5')	3/12/2026		X		C	1	X	X	X		
CS-6 (3.5')	3/12/2026		X		C	1	X	X	X		
CS-7 (3.5')	3/12/2026		X		C	1	X	X	X		
CS-8 (3.5')	3/12/2026		X		C	1	X	X	X		
CS-9 (3.5')	3/12/2026		X		C	1	X	X	X		
CS-10 (3.5')	3/12/2026		X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			14:35 3/13

Released to Imaging: 6/16/2026 11:41:25 AM
Received by OCD: 5/11/2026 2:33:29 PM

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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	Thermo7	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6	
Total Containers:		Corrected Temperature:	5.4	

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-11 (3.5')	3/12/2026		X		C	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			14:35 3/13

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9640-1
SDG Number: Lea County New Mexico

Login Number: 9640
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: 890-9640-1
SDG Number: Lea County New Mexico

Login Number: 9640
List Number: 2
Creator: Dyal, Erica

List Source: Eurofins Midland
List Creation: 03/16/26 08:43 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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/17/2026 9:43:10 AM

JOB DESCRIPTION

Spill west of Marathon Road
Lea County New Mexico

JOB NUMBER

890-9642-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/16/2026 11:41:23 AM

my EOL

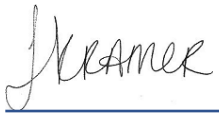
Eurofins Carlsbad

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
3/17/2026 9:43:10 AM

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

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Laboratory Job ID: 890-9642-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
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
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: Spill west of Marathon Road

Job ID: 890-9642-1

Job ID: 890-9642-1 Eurofins Carlsbad

Job Narrative
890-9642-1

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 3/13/2026 2:35 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 5.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-1 (2.5) (890-9642-1), SW-2 (2.5) (890-9642-2), SW-3 (2.5) (890-9642-3), SW-4 (2.5-3.5) (890-9642-4), SW-5 (3.5) (890-9642-5), SW-6 (3.5) (890-9642-6), SW-7 (3.5) (890-9642-7), SW-8 (3.5) (890-9642-8) and SW-9 (3.5) (890-9642-9).

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

Diesel Range Organics
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: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-1 (2.5)

Lab Sample ID: 890-9642-1
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 03:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 03:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 03:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/17/26 03:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 03:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/17/26 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 10:19*	*03/17/26 03:47*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/16/26 10:19*	*03/17/26 03:47*	*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			03/17/26 03:47	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			03/16/26 19:33	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		03/13/26 17:19	03/16/26 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*03/13/26 17:19*	*03/16/26 19:33*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*03/13/26 17:19*	*03/16/26 19:33*	*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			03/16/26 16:00	1

Client Sample ID: SW-2 (2.5)

Lab Sample ID: 890-9642-2
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 04:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 04:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 04:07	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/17/26 04:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 04:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/17/26 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/16/26 10:19*	*03/17/26 04:07*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/16/26 10:19*	*03/17/26 04:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-2 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/17/26 04:07	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			03/16/26 19:48	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		03/13/26 17:19	03/16/26 19:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 17:19	03/16/26 19:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/13/26 17:19	03/16/26 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*03/13/26 17:19*	*03/16/26 19:48*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*03/13/26 17:19*	*03/16/26 19:48*	*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			03/16/26 16:05	1

Client Sample ID: SW-3 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-3
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		03/16/26 10:19	03/17/26 04:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 04:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 04:28	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/16/26 10:19	03/17/26 04:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 04:28	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/16/26 10:19	03/17/26 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/16/26 10:19*	*03/17/26 04:28*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/16/26 10:19*	*03/17/26 04:28*	*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			03/17/26 04:28	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			03/16/26 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/13/26 17:19	03/16/26 20:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 17:19	03/16/26 20:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-3 (2.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-3
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		03/13/26 17:19	03/16/26 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:02*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.2**		9.92		mg/Kg			03/16/26 16:21	1

Client Sample ID: SW-4 (2.5-3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-4
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		03/16/26 10:19	03/17/26 04:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 04:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 04:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/16/26 10:19	03/17/26 04:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/16/26 10:19	03/17/26 04:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/16/26 10:19	03/17/26 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/17/26 04:48*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/17/26 04:48*	*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			03/17/26 04:48	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			03/16/26 20:18	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		03/13/26 17:19	03/16/26 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 20:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:18*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:18*	*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			03/16/26 16:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-5 (3.5)

Lab Sample ID: 890-9642-5
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 05:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 05:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 05:09	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/16/26 10:19	03/17/26 05:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 05:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/16/26 10:19	03/17/26 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/16/26 10:19*	*03/17/26 05:09*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 10:19*	*03/17/26 05:09*	*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			03/17/26 05:09	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			03/16/26 20:32	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		03/13/26 17:19	03/16/26 20:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 20:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:32*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:32*	*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			03/16/26 16:31	1

Client Sample ID: SW-6 (3.5)

Lab Sample ID: 890-9642-6
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 05:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 05:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 05:30	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/16/26 10:19	03/17/26 05:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/16/26 10:19	03/17/26 05:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/16/26 10:19	03/17/26 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/16/26 10:19*	*03/17/26 05:30*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/16/26 10:19*	*03/17/26 05:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-6 (3.5)

Lab Sample ID: 890-9642-6
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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			03/17/26 05:30	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			03/16/26 20:47	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		03/13/26 17:19	03/16/26 20:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 20:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:47*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*03/13/26 17:19*	*03/16/26 20:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.7**		10.1		mg/Kg			03/16/26 16:36	1

Client Sample ID: SW-7 (3.5)

Lab Sample ID: 890-9642-7
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 05:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 05:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 05:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/17/26 05:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/17/26 05:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/16/26 10:19	03/17/26 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/16/26 10:19*	*03/17/26 05:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/16/26 10:19*	*03/17/26 05:50*	*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			03/17/26 05:50	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			03/16/26 21:02	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		03/13/26 17:19	03/16/26 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 21:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (3.5)

Lab Sample ID: 890-9642-7
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/13/26 17:19	03/16/26 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*03/13/26 17:19*	*03/16/26 21:02*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*03/13/26 17:19*	*03/16/26 21:02*	*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			03/16/26 16:42	1

Client Sample ID: SW-8 (3.5)

Lab Sample ID: 890-9642-8
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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		03/16/26 10:19	03/17/26 06:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 06:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 06:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/17/26 06:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/16/26 10:19	03/17/26 06:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/16/26 10:19	03/17/26 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/17/26 06:11*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/17/26 06:11*	*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			03/17/26 06:11	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			03/16/26 21:16	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		03/13/26 17:19	03/16/26 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*03/13/26 17:19*	*03/16/26 21:16*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*03/13/26 17:19*	*03/16/26 21:16*	*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			03/16/26 18:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-9 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-9

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		03/16/26 10:19	03/17/26 06:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 06:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 06:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/17/26 06:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/16/26 10:19	03/17/26 06:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/16/26 10:19	03/17/26 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/16/26 10:19*	*03/17/26 06:32*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/16/26 10:19*	*03/17/26 06:32*	*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			03/17/26 06:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/16/26 21:32	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		03/13/26 17:19	03/16/26 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/13/26 17:19	03/16/26 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/13/26 17:19	03/16/26 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*03/13/26 17:19*	*03/16/26 21:32*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*03/13/26 17:19*	*03/16/26 21:32*	*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			03/16/26 19:17	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
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)
890-9640-A-1-E MS	Matrix Spike	103	99
890-9640-A-1-F MSD	Matrix Spike Duplicate	104	101
890-9642-1	SW-1 (2.5)	100	102
890-9642-2	SW-2 (2.5)	96	96
890-9642-3	SW-3 (2.5)	101	99
890-9642-4	SW-4 (2.5-3.5)	98	98
890-9642-5	SW-5 (3.5)	104	100
890-9642-6	SW-6 (3.5)	96	95
890-9642-7	SW-7 (3.5)	106	103
890-9642-8	SW-8 (3.5)	98	98
890-9642-9	SW-9 (3.5)	108	102
LCS 880-134944/1-A	Lab Control Sample	101	105
LCSD 880-134944/2-A	Lab Control Sample Dup	102	101
MB 880-134926/5-A	Method Blank	100	100
MB 880-134944/5-A	Method Blank	96	98

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)
890-9640-A-11-B MS	Matrix Spike	113	114
890-9640-A-11-C MSD	Matrix Spike Duplicate	114	114
890-9642-1	SW-1 (2.5)	108	111
890-9642-2	SW-2 (2.5)	119	120
890-9642-3	SW-3 (2.5)	115	118
890-9642-4	SW-4 (2.5-3.5)	114	116
890-9642-5	SW-5 (3.5)	118	121
890-9642-6	SW-6 (3.5)	113	114
890-9642-7	SW-7 (3.5)	117	119
890-9642-8	SW-8 (3.5)	116	118
890-9642-9	SW-9 (3.5)	118	118
LCS 880-134870/2-A	Lab Control Sample	90	92
LCSD 880-134870/3-A	Lab Control Sample Dup	95	96
MB 880-134870/1-A	Method Blank	112	108

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134926/5-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/26 08:37	03/16/26 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 08:37*	*03/16/26 11:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 08:37*	*03/16/26 11:51*	*1*

Lab Sample ID: MB 880-134944/5-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134944

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 10:19	03/16/26 22:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/26 10:19	03/16/26 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/16/26 10:19*	*03/16/26 22:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/16/26 10:19*	*03/16/26 22:36*	*1*

Lab Sample ID: LCS 880-134944/1-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134944

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09054		mg/Kg		91	70 - 130		
Toluene			0.100	0.07983		mg/Kg		80	70 - 130		
Ethylbenzene			0.100	0.08776		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene			0.200	0.1691		mg/Kg		85	70 - 130		
o-Xylene			0.100	0.08732		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-134944/2-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134944

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09716		mg/Kg		97	70 - 130	7	35

QC Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-134944/2-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134944

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08454		mg/Kg		85	70 - 130	6	35
Ethylbenzene			0.100	0.09235		mg/Kg		92	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1819		mg/Kg		91	70 - 130	7	35
o-Xylene			0.100	0.09308		mg/Kg		93	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-9640-A-1-E MS
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134944

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09983		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.100	0.08716		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09780		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1842		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09367		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-9640-A-1-F MSD
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134944

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	0.1070		mg/Kg		107	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09364		mg/Kg		94	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1976		mg/Kg		99	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-134870/1-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134870

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		03/13/26 17:19	03/16/26 18:02	1

QC Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-134870/1-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134870

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		03/13/26 17:19	03/16/26 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 18:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:02*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:02*	*1*

Lab Sample ID: LCS 880-134870/2-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134870

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1010		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	937.6		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-134870/3-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134870

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1031		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	988.3		mg/Kg		99	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-9640-A-11-B MS
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134870

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	1176		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1146		mg/Kg		113	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*113*		*70 - 130*
o-Terphenyl (Surr)	*114*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9640-A-11-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 134950 — **Prep Batch: 134870**

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	1191		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1173		mg/Kg		116	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*114*		*70 - 130*
o-Terphenyl (Surr)	*114*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134924/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 134964

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/16/26 14:15	1

Lab Sample ID: LCS 880-134924/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 134964

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.3		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-134924/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 134964

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	245.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-9640-A-11-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 134964

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	19.9		251	280.3		mg/Kg		104	90 - 110

Lab Sample ID: 890-9640-A-11-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 134964

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19.9		251	293.2		mg/Kg		109	90 - 110	5	20

QC Sample Results

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-134925/1-A
Matrix: Solid
Analysis Batch: 134965

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			03/16/26 15:10	1

Lab Sample ID: LCS 880-134925/2-A
Matrix: Solid
Analysis Batch: 134965

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.8		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-134925/3-A
Matrix: Solid
Analysis Batch: 134965

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	244.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-69589-A-11-C MS
Matrix: Solid
Analysis Batch: 134965

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	23.5		250	285.5		mg/Kg		105	90 - 110		

Lab Sample ID: 880-69589-A-11-D MSD
Matrix: Solid
Analysis Batch: 134965

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	23.5		250	285.7		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 134919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Total/NA	Solid	8021B	134944
890-9642-2	SW-2 (2.5)	Total/NA	Solid	8021B	134944
890-9642-3	SW-3 (2.5)	Total/NA	Solid	8021B	134944
890-9642-4	SW-4 (2.5-3.5)	Total/NA	Solid	8021B	134944
890-9642-5	SW-5 (3.5)	Total/NA	Solid	8021B	134944
890-9642-6	SW-6 (3.5)	Total/NA	Solid	8021B	134944
890-9642-7	SW-7 (3.5)	Total/NA	Solid	8021B	134944
890-9642-8	SW-8 (3.5)	Total/NA	Solid	8021B	134944
890-9642-9	SW-9 (3.5)	Total/NA	Solid	8021B	134944
MB 880-134926/5-A	Method Blank	Total/NA	Solid	8021B	134926
MB 880-134944/5-A	Method Blank	Total/NA	Solid	8021B	134944
LCS 880-134944/1-A	Lab Control Sample	Total/NA	Solid	8021B	134944
LCSD 880-134944/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134944
890-9640-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	134944
890-9640-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134944

Prep Batch: 134926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-134926/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 134944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Total/NA	Solid	5035	
890-9642-2	SW-2 (2.5)	Total/NA	Solid	5035	
890-9642-3	SW-3 (2.5)	Total/NA	Solid	5035	
890-9642-4	SW-4 (2.5-3.5)	Total/NA	Solid	5035	
890-9642-5	SW-5 (3.5)	Total/NA	Solid	5035	
890-9642-6	SW-6 (3.5)	Total/NA	Solid	5035	
890-9642-7	SW-7 (3.5)	Total/NA	Solid	5035	
890-9642-8	SW-8 (3.5)	Total/NA	Solid	5035	
890-9642-9	SW-9 (3.5)	Total/NA	Solid	5035	
MB 880-134944/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134944/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134944/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9640-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9640-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Total/NA	Solid	Total BTEX	
890-9642-2	SW-2 (2.5)	Total/NA	Solid	Total BTEX	
890-9642-3	SW-3 (2.5)	Total/NA	Solid	Total BTEX	
890-9642-4	SW-4 (2.5-3.5)	Total/NA	Solid	Total BTEX	
890-9642-5	SW-5 (3.5)	Total/NA	Solid	Total BTEX	
890-9642-6	SW-6 (3.5)	Total/NA	Solid	Total BTEX	
890-9642-7	SW-7 (3.5)	Total/NA	Solid	Total BTEX	
890-9642-8	SW-8 (3.5)	Total/NA	Solid	Total BTEX	
890-9642-9	SW-9 (3.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 134870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Total/NA	Solid	8015NM Prep	
890-9642-2	SW-2 (2.5)	Total/NA	Solid	8015NM Prep	
890-9642-3	SW-3 (2.5)	Total/NA	Solid	8015NM Prep	
890-9642-4	SW-4 (2.5-3.5)	Total/NA	Solid	8015NM Prep	
890-9642-5	SW-5 (3.5)	Total/NA	Solid	8015NM Prep	
890-9642-6	SW-6 (3.5)	Total/NA	Solid	8015NM Prep	
890-9642-7	SW-7 (3.5)	Total/NA	Solid	8015NM Prep	
890-9642-8	SW-8 (3.5)	Total/NA	Solid	8015NM Prep	
890-9642-9	SW-9 (3.5)	Total/NA	Solid	8015NM Prep	
MB 880-134870/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134870/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9640-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9640-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Total/NA	Solid	8015B NM	134870
890-9642-2	SW-2 (2.5)	Total/NA	Solid	8015B NM	134870
890-9642-3	SW-3 (2.5)	Total/NA	Solid	8015B NM	134870
890-9642-4	SW-4 (2.5-3.5)	Total/NA	Solid	8015B NM	134870
890-9642-5	SW-5 (3.5)	Total/NA	Solid	8015B NM	134870
890-9642-6	SW-6 (3.5)	Total/NA	Solid	8015B NM	134870
890-9642-7	SW-7 (3.5)	Total/NA	Solid	8015B NM	134870
890-9642-8	SW-8 (3.5)	Total/NA	Solid	8015B NM	134870
890-9642-9	SW-9 (3.5)	Total/NA	Solid	8015B NM	134870
MB 880-134870/1-A	Method Blank	Total/NA	Solid	8015B NM	134870
LCS 880-134870/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134870
LCSD 880-134870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134870
890-9640-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134870
890-9640-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134870

Analysis Batch: 135088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Total/NA	Solid	8015 NM	
890-9642-2	SW-2 (2.5)	Total/NA	Solid	8015 NM	
890-9642-3	SW-3 (2.5)	Total/NA	Solid	8015 NM	
890-9642-4	SW-4 (2.5-3.5)	Total/NA	Solid	8015 NM	
890-9642-5	SW-5 (3.5)	Total/NA	Solid	8015 NM	
890-9642-6	SW-6 (3.5)	Total/NA	Solid	8015 NM	
890-9642-7	SW-7 (3.5)	Total/NA	Solid	8015 NM	
890-9642-8	SW-8 (3.5)	Total/NA	Solid	8015 NM	
890-9642-9	SW-9 (3.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Soluble	Solid	DI Leach	
890-9642-2	SW-2 (2.5)	Soluble	Solid	DI Leach	
890-9642-3	SW-3 (2.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 134924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-4	SW-4 (2.5-3.5)	Soluble	Solid	DI Leach	
890-9642-5	SW-5 (3.5)	Soluble	Solid	DI Leach	
890-9642-6	SW-6 (3.5)	Soluble	Solid	DI Leach	
890-9642-7	SW-7 (3.5)	Soluble	Solid	DI Leach	
MB 880-134924/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134924/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134924/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9640-A-11-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9640-A-11-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 134925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-8	SW-8 (3.5)	Soluble	Solid	DI Leach	
890-9642-9	SW-9 (3.5)	Soluble	Solid	DI Leach	
MB 880-134925/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134925/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134925/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-69589-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-69589-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 134964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-1	SW-1 (2.5)	Soluble	Solid	300.0	134924
890-9642-2	SW-2 (2.5)	Soluble	Solid	300.0	134924
890-9642-3	SW-3 (2.5)	Soluble	Solid	300.0	134924
890-9642-4	SW-4 (2.5-3.5)	Soluble	Solid	300.0	134924
890-9642-5	SW-5 (3.5)	Soluble	Solid	300.0	134924
890-9642-6	SW-6 (3.5)	Soluble	Solid	300.0	134924
890-9642-7	SW-7 (3.5)	Soluble	Solid	300.0	134924
MB 880-134924/1-A	Method Blank	Soluble	Solid	300.0	134924
LCS 880-134924/2-A	Lab Control Sample	Soluble	Solid	300.0	134924
LCSD 880-134924/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134924
890-9640-A-11-E MS	Matrix Spike	Soluble	Solid	300.0	134924
890-9640-A-11-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134924

Analysis Batch: 134965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9642-8	SW-8 (3.5)	Soluble	Solid	300.0	134925
890-9642-9	SW-9 (3.5)	Soluble	Solid	300.0	134925
MB 880-134925/1-A	Method Blank	Soluble	Solid	300.0	134925
LCS 880-134925/2-A	Lab Control Sample	Soluble	Solid	300.0	134925
LCSD 880-134925/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134925
880-69589-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	134925
880-69589-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134925

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-1 (2.5)

Lab Sample ID: 890-9642-1
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 03:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 19:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 19:33	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:00	CS	EET MID

Client Sample ID: SW-2 (2.5)

Lab Sample ID: 890-9642-2
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 04:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 19:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 19:48	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:05	CS	EET MID

Client Sample ID: SW-3 (2.5)

Lab Sample ID: 890-9642-3
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 04:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 20:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 20:02	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:21	CS	EET MID

Client Sample ID: SW-4 (2.5-3.5)

Lab Sample ID: 890-9642-4
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 04:48	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-4 (2.5-3.5)

Lab Sample ID: 890-9642-4
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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			135088	03/16/26 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 20:18	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:26	CS	EET MID

Client Sample ID: SW-5 (3.5)

Lab Sample ID: 890-9642-5
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 05:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 20:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 20:32	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:31	CS	EET MID

Client Sample ID: SW-6 (3.5)

Lab Sample ID: 890-9642-6
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 05:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 20:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 20:47	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:36	CS	EET MID

Client Sample ID: SW-7 (3.5)

Lab Sample ID: 890-9642-7
Matrix: Solid
Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

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	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 05:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 21:02	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-7
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	134924	03/16/26 08:15	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134964	03/16/26 16:42	CS	EET MID

Client Sample ID: SW-8 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-8
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			4.98 g	5 mL	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 06:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 21:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 21:16	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134925	03/16/26 08:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134965	03/16/26 18:57	CS	EET MID

Client Sample ID: SW-9 (3.5)

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9642-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	134944	03/16/26 10:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/17/26 06:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135106	03/17/26 06:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			135088	03/16/26 21:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 21:32	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134925	03/16/26 08:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134965	03/16/26 19:17	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: Spill west of Marathon Road

Job ID: 890-9642-1
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: Spill west of Marathon Road

Job ID: 890-9642-1
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: Spill west of Marathon Road

Job ID: 890-9642-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9642-1	SW-1 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-2	SW-2 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-3	SW-3 (2.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-4	SW-4 (2.5-3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-5	SW-5 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-6	SW-6 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-7	SW-7 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-8	SW-8 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas
890-9642-9	SW-9 (3.5)	Solid	03/12/26 00:00	03/13/26 14:35	Texas

Released to Imaging: 6/16/2026 11:41:25 AM
Received by OCD: 5/11/2026 2:33:29 PM

Chain of Custody

890-9642 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:	Spill West of Marathon Road	Turn Around	☐ Routine ☑ Rush
Project Number:	3015		
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	T Nuco 7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.4

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 (2.5')	3/12/2026		X		C	1		X	X	X		
SW-2 (2.5')	3/12/2026		X		C	1		X	X	X		
SW-3 (2.5')	3/12/2026		X		C	1		X	X	X		
SW-4 (2.5'-3.5')	3/12/2026		X		C	1		X	X	X		
SW-5 (3.5')	3/12/2026		X		C	1		X	X	X		
SW-6 (3.5')	3/12/2026		P		C	1		X	X	X		
SW-7 (3.5')	3/12/2026		X		C	1		X	X	X		
SW-8 (3.5')	3/12/2026		X		C	1		X	X	X		
SW-9 (3.5')	3/12/2026		X		C	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			14:35 3/17

3/17/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9642-1
SDG Number: Lea County New Mexico

Login Number: 9642
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: 890-9642-1
SDG Number: Lea County New Mexico

Login Number: 9642
List Number: 2
Creator: Dyal, Erica

List Source: Eurofins Midland
List Creation: 03/16/26 08:43 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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/17/2026 9:43:38 AM

JOB DESCRIPTION

Spill West of Marathon Road
Lea County New Mexico

JOB NUMBER

890-9647-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 6/16/2026 11:41:23 AM

my EOL

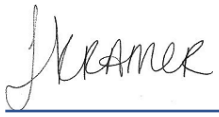
Eurofins Carlsbad

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
3/17/2026 9:43:38 AM

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

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Laboratory Job ID: 890-9647-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
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
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: Spill West of Marathon Road

Job ID: 890-9647-1

Job ID: 890-9647-1 Eurofins Carlsbad

Job Narrative
890-9647-1

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 3/13/2026 2:35 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 5.4°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill samples (890-9647-1).

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

Diesel Range Organics
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: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

Client Sample ID: Backfill samples

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9647-1

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		03/16/26 08:37	03/16/26 18:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 18:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 18:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/16/26 08:37	03/16/26 18:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 18:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/16/26 08:37	03/16/26 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/16/26 08:37*	*03/16/26 18:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/16/26 08:37*	*03/16/26 18:10*	*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			03/16/26 18:10	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			03/16/26 22:16	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		03/13/26 17:19	03/16/26 22:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/13/26 17:19	03/16/26 22:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/13/26 17:19	03/16/26 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*03/13/26 17:19*	*03/16/26 22:16*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*03/13/26 17:19*	*03/16/26 22:16*	*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			03/16/26 19:10	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
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)
820-24012-A-1-E MS	Matrix Spike	100	102
820-24012-A-1-F MSD	Matrix Spike Duplicate	100	96
890-9647-1	Backfill samples	102	101
LCS 880-134926/1-A	Lab Control Sample	102	102
LCSD 880-134926/2-A	Lab Control Sample Dup	95	100
MB 880-134926/5-A	Method Blank	100	100

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)
890-9640-A-11-B MS	Matrix Spike	113	114
890-9640-A-11-C MSD	Matrix Spike Duplicate	114	114
890-9647-1	Backfill samples	120	118
LCS 880-134870/2-A	Lab Control Sample	90	92
LCSD 880-134870/3-A	Lab Control Sample Dup	95	96
MB 880-134870/1-A	Method Blank	112	108

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134926/5-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/26 08:37	03/16/26 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/26 08:37	03/16/26 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 08:37*	*03/16/26 11:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/16/26 08:37*	*03/16/26 11:51*	*1*

Lab Sample ID: LCS 880-134926/1-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134926

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1057		mg/Kg		106	70 - 130		
Toluene			0.100	0.09091		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.1025		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.2009		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.09983		mg/Kg		100	70 - 130		

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

Lab Sample ID: LCSD 880-134926/2-A
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134926

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1199		mg/Kg		120	70 - 130	13	35
Toluene			0.100	0.1030		mg/Kg		103	70 - 130	13	35
Ethylbenzene			0.100	0.1129		mg/Kg		113	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2175		mg/Kg		109	70 - 130	8	35
o-Xylene			0.100	0.1100		mg/Kg		110	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 820-24012-A-1-E MS
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09744		mg/Kg		97	70 - 130		
Toluene	<0.00200	U	0.100	0.08366		mg/Kg		84	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

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

Lab Sample ID: 820-24012-A-1-E MS
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08936		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1727		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08526		mg/Kg		85	70 - 130

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

Lab Sample ID: 820-24012-A-1-F MSD
Matrix: Solid
Analysis Batch: 134919

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09598		mg/Kg		96	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.08269		mg/Kg		83	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.08956		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1687		mg/Kg		84	70 - 130	2	35
o-Xylene	<0.00199	U	0.100	0.08408		mg/Kg		84	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

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

Lab Sample ID: MB 880-134870/1-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134870

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		03/13/26 17:19	03/16/26 18:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 18:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/13/26 17:19	03/16/26 18:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:02*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*03/13/26 17:19*	*03/16/26 18:02*	*1*

Lab Sample ID: LCS 880-134870/2-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134870

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1010		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	937.6		mg/Kg		94	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-134870/2-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134870

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-134870/3-A
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134870

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1031		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	988.3		mg/Kg		99	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 890-9640-A-11-B MS
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134870

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	1176		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1146		mg/Kg		113	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 890-9640-A-11-C MSD
Matrix: Solid
Analysis Batch: 134950

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134870

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	1191		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1173		mg/Kg		116	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	114		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-134925/1-A
Matrix: Solid
Analysis Batch: 134965

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			03/16/26 15:10	1

Lab Sample ID: LCS 880-134925/2-A
Matrix: Solid
Analysis Batch: 134965

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.8		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-134925/3-A
Matrix: Solid
Analysis Batch: 134965

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	244.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-69589-A-11-C MS
Matrix: Solid
Analysis Batch: 134965

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	23.5		250	285.5		mg/Kg		105	90 - 110		

Lab Sample ID: 880-69589-A-11-D MSD
Matrix: Solid
Analysis Batch: 134965

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	23.5		250	285.7		mg/Kg		105	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 134919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Total/NA	Solid	8021B	134926
MB 880-134926/5-A	Method Blank	Total/NA	Solid	8021B	134926
LCS 880-134926/1-A	Lab Control Sample	Total/NA	Solid	8021B	134926
LCSD 880-134926/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134926
820-24012-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	134926
820-24012-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134926

Prep Batch: 134926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Total/NA	Solid	5035	
MB 880-134926/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134926/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134926/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-24012-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
820-24012-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 134870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Total/NA	Solid	8015NM Prep	
MB 880-134870/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134870/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9640-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9640-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Total/NA	Solid	8015B NM	134870
MB 880-134870/1-A	Method Blank	Total/NA	Solid	8015B NM	134870
LCS 880-134870/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134870
LCSD 880-134870/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134870
890-9640-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134870
890-9640-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134870

Analysis Batch: 135090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Soluble	Solid	DI Leach	
MB 880-134925/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134925/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134925/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 134925 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69589-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-69589-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 134965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9647-1	Backfill samples	Soluble	Solid	300.0	134925
MB 880-134925/1-A	Method Blank	Soluble	Solid	300.0	134925
LCS 880-134925/2-A	Lab Control Sample	Soluble	Solid	300.0	134925
LCSD 880-134925/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134925
880-69589-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	134925
880-69589-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134925

Lab Chronicle

Client: Carmona Resources
Project/Site: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

Client Sample ID: Backfill samples

Date Collected: 03/12/26 00:00
Date Received: 03/13/26 14:35

Lab Sample ID: 890-9647-1

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			5.01 g	5 mL	134926	03/16/26 08:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134919	03/16/26 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135103	03/16/26 18:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			135090	03/16/26 22:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134870	03/13/26 17:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134950	03/16/26 22:16	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134925	03/16/26 08:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	134965	03/16/26 19:10	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: Spill West of Marathon Road

Job ID: 890-9647-1
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: Spill West of Marathon Road

Job ID: 890-9647-1
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: Spill West of Marathon Road

Job ID: 890-9647-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9647-1	Backfill samples	Solid	03/12/26 00:00	03/13/26 14:35	Texas

Released to Imaging: 6/16/2026 11:41:25 AM
Received by OCD: 5/11/2026 2:33:29 PM

Chain of Custody

890-9647 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:	Spill West of Marathon Road	Turn Around	
Project Number:	3015	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR-007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6
Total Containers:		Corrected Temperature:	5.4

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
Backfill Sample	3/12/2026		X		C	1		X	X	X		

Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			14:35 3/13

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9647-1
SDG Number: Lea County New Mexico

Login Number: 9647
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: 890-9647-1
SDG Number: Lea County New Mexico

Login Number: 9647
List Number: 2
Creator: Dyal, Erica

List Source: Eurofins Midland
List Creation: 03/16/26 08:43 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	

APPENDIX F

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

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	NCH1835254557
District RP	1RP-5277
Facility ID	fCH1835254172
Application ID	pCH1835254847

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Meredith O'Brien, P.E.	Contact Telephone (720) 327-1543
Contact email mobrien@legacyreserves.com	Incident # *(assigned by OCD)* nJXK1611630540, nGRL1001159648, nGRL1013051775
Contact mailing address 1775 Sherman St., Ste. 1400, Denver, CO 80203	

Location of Release Source

Latitude North 32.58062° Longitude West -103.51690°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Unit South Battery (West of Marathon Road)	Site Type Battery (flow line)
Date Release Discovered 11-12-2018	API# *(if applicable)* N/A

Unit Letter	Section	Township	Range	County
F	13	20S	33E	Lea

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 (bbl.)	Volume Recovered (bbl.)
☒ Produced Water	Volume Released (bbl.) 2,200	Volume Recovered (bbl.) 380
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbl.)	Volume Recovered (bbl.)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release is a fusion spilt in the poly line from the Lea Unit South Battery causing produced was to flow into the nearby pasture west of Marathon Road.

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State of New Mexico
Oil Conservation Division

Incident ID	NCH1835254557
District RP	1RP-5277
Facility ID	fCH1835254172
Application ID	pCH1835254847

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? Fluid volume exceeds 25bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc) On November 12,2018 at 08:33am (MST) by phone with Olivia Yu by Larson & Associates, Inc.	

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: Meredith O'Brien, P.E. Title: Sr. Environmental Engineer

Signature: Meredith O'Brien Date: 11-28-2022

email: mobrien@legacyreserves.com Telephone: (720)- 327-1543

OCD Only

Received by: _____ Date: _____

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State of New Mexico
Oil Conservation Division

Incident ID	NCH1835254557
District RP	1RP-5277
Facility ID	fCH1835254172
Application ID	pCH1835254847

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?	64.73 (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	NCH1835254557
District RP	1RP-5277
Facility ID	fCH1835254172
Application ID	pCH1835254847

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: Meredith O'Brien, P.E. Title: Sr. Environmental Engineer

Signature: Meredith O'Brien Date: 11-28-2022

email: mobrien@legacyreserves.com Telephone: (720) 327-1543

OCD Only

Received by: Jocelyn Harimon Date: 11/28/2022

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State of New Mexico
Oil Conservation Division

Incident ID	NCH1835254557
District RP	1RP-5277
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Application ID	pCH1835254847

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ 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.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ 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: Meredith O'Brien, P.E. Title: Sr. Environmental Engineer

Signature: Meredith O'Brien Date: 11-28-2022

email: mobrien@legacyreserves.com Telephone: (720) 327-1543

OCD Only

Received by: Jocelyn Harimon Date: 11/28/2022

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Date:

Received by OCD: 5/11/2026 2:33:29 PM

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State of New Mexico
Oil Conservation Division

Incident ID	NCH1835254557
District RP	1RP-5277
Facility ID	fCH1835254172
Application ID	pCH1835254847

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities Note: grass was growing over spill area and landowner (Kenneth Smith) requested cash payment for damages rather than excavate and remove soil. Refer to signed letter in Appendix E.

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.

Printed Name: Meredith O'Brien, P.E. Title: Sr. Environmental Engineer

Signature: Meredith O'Brien Date: 11-28-2022

email: mobrien@legacyreserves.com Telephone: (720) 327-1543

OCD Only

Received by: Jocelyn Harimon Date: 11/28/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

1RP-5277
DELINEATION AND REMEDIATION REPORT
Spill West of Marathon Road
Produced Water Spill
Lea County, New Mexico

Latitude: N 32.58062°
Longitude: W -103.51690°

LAI Project No. 18-0138-04

June 25, 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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Figure 1 Topographic Map
Figure 2 Aerial Map Showing Sample Locations and Excavation Area

Appendices

Appendix A Initial C-141
Appendix B Laboratory Reports
Appendix C Photographs
Appendix D Waste Manifests
Appendix E Signed Landowner Letter

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this closure report on behalf of Legacy Reserves Operating, LP (Legacy) for submittal to the New Mexico Oil Conservation (OCD) District I for a produced water spill west of Marathon Road (Site) located in Unit F, Section 13, Township 20 South, Range 33 East in Lea County, New Mexico. The geodetic position is North 32.58062° and West -103.51690°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The spill occurred on November 12, 2018, due to a fusion split in a polyline running from the Lea Unit South Battery, causing produced water to flow into the nearby pasture area west of Marathon Road. Approximately 2,200 barrels (bbls) of produced water were released and 380 bbls were recovered. The spill occurred in the bar ditch and pasture area adjacent to the west of Marathon Road. The spill area measures approximately 3,530 ft^2. LAI calculated the unrecovered spill volume at approximately 405 bbls based on depth of impacted soil between approximately 8 to 12 feet bgs and moisture content of 4.6% 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, on November 12, 2018 at 8:33 am MST). The initial C-141 was submitted to OCD District 1 on November 19, 2018, and was assigned a remediation number of 1RP-5277. 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 0.5 mile or about 2,640 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

2.0 DELINEATION

On December 6 and 7, 2019, LAI personnel collected soil samples at four (4) locations within the spill area for vertical delineation and at five (5) locations outside 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 using direct push technology (DPT) depending on subsurface conditions. The soil samples were delivered under chain of custody and preservation to Permian Basin Environmental Laboratory (PBEL) in Midland, Texas. The upper most samples were 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 were analyzed for chloride by Method 300. Table 1 presents the delineation sample analytical data summary. Appendix B presents the laboratory report.

BTEX and TPH reported above closure criteria of 50 mg/Kg and 2,500 mg/Kg, respectively, in sample DP-3, 0 to 1 foot bgs (69.711 mg/Kg and 8,470 mg/Kg).

Chloride reported above the delineation limit of 600 mg/Kg in the following deepest samples:

DP-1, 2 to 3 feet bgs (3,630 mg/Kg)
DP-3, 4 to 5 feet bgs (7,140 mg/Kg)
DP-4, 4 to 6 feet bgs (6,090 mg/Kg)
DP-5, 6 to 8 feet bgs (6,610 mg/Kg)
DP-8, 2 to 3 feet bgs (1,270 mg/Kg)

On January 2 and 4, 2019, Superior Oilfield Services (SOS), under supervision of LAI, collected additional soil samples using a back hoe to complete vertical delineation. Chloride was delineated to 600 mg/Kg. Chloride was reported above closure criteria (10,000 mg/Kg) in sample DP-3, 14 feet bgs (10,600 mg/Kg).

On March 13, 2019, LAI collected three (3) additional soil samples (HA-1, HA-2 and HA-3) with a stainless steel hand auger to horizontally delineate the release in the bar ditch. Samples were collected at 1, 2, and 3 feet bgs and were 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. Samples were also analyzed for chloride by Method 300. All samples reported below OCD closure criteria for benzene (10 mg/Kg), BTEX (50 mg/Kg), TPH (2,500 mg/Kg), and chloride (10,000 mg/Kg). The chloride impacted area (soil concentrations greater than 600 mg/Kg) encompassing DP-1 and HA-2 in the bar ditch is approximately 250 ft^2. Appendix C presents photographs.

3.0 REMEDIATION

On February 5, 7, and 8, 2019, SOS, under supervision from LAI, used a backhoe to excavate soil from the area encompassing DP-3 to remove soil with chloride concentrations above 10,000 mg/Kg. SOS excavated soil from an area measuring approximately 15 X 15 feet (225 square feet) to 16 feet bgs. Approximately 192 cubic yards of soil were disposed of at R360 Halfway Landfill located between Hobbs and Carlsbad, New Mexico. Appendix D presents the waste manifests.

On February 8, 2019, LAI personnel collected five-point composite confirmation samples from the sidewalls (north, east, south, and west) and bottom of the excavation. The bottom composite samples

were collected for about every 200 square feet of excavation at approximately 16 feet bgs. The sidewall composite samples were collected for about every 15 linear feet of excavation at approximately 8 feet bgs. The composite samples were analyzed for BTEX, TPH and chloride by EPA Methods SW-846-8021B, 8015 and 300, respectively. The laboratory did not report benzene and BTEX above the RL. The maximum TPH and chloride values were below the OCD closure criteria standards of 2,500 mg/Kg and 10,000 mg/Kg, respectively. Figure 3 presents the excavation and confirmation sample locations. Table 1 presents the analytical data summary. Appendix B presents the laboratory reports.

4.0 CLOSURE REQUEST

Legacy proposes to backfill the excavation with caliche to approximately four (4) feet bgs and with clean top soil to surface with material acquired from the landowner's caliche pit located east of Smith Ranch Road. LAI confirmed the landowner is Kenneth Smith. Legacy requested landowner approval to allow the spill to naturally re-vegetate since vegetation was reappearing. Legacy proposes to over-seed the area with BLM mix number 3 to augment the new vegetation growth in the area. With the surface owner's signed approval of this remediation plan, Legacy requests no further action for 1RP-5277 due to all soil concentrations reporting below the closure criteria of 10,000 mg/Kg in Table 1 of 19.15.29NMAC. Appendix E presents the signed landowner letter.

Tables

Table 1
1RP-5277
Soil Sample Analytical Data Summary
Legacy Reserves, Spill West of Marathon Road
Lea County, New Mexico
18-0138-04

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)
RRAL				**10**	**50**				**2,500**	**10,000**
Delineation										
DP-1	0 - 1	12/6/2018	In-situ	<0.0206	<0.9476	<25.8	41.8	<25.8	41.8	6,520
	1 - 2	12/6/2018	In-situ	--	--	--	--	--	--	3,310
	2 - 3	12/6/2018	In-situ	--	--	--	--	--	--	3,630
	4	1/2/2019	In-situ	--	--	--	--	--	--	3,670
	6	1/2/2019	In-situ	--	--	--	--	--	--	9,100
	8	1/2/2019	In-situ	--	--	--	--	--	--	6,310
	10	1/2/2019	In-situ	--	--	--	--	--	--	6,630
	12	1/2/2019	In-situ	--	--	--	--	--	--	5,420
	14	1/2/2019	In-situ	--	--	--	--	--	--	6.44
DP-2	0 - 1	12/6/2018	In-situ	<0.0204	<0.9384	<25.5	<25.5	<25.5	<25.5	33.5
DP-3	0 - 1	12/6/2018	In-situ	0.111	69.711	1,690	5,970	816	8,470	3,300
	1 - 2	12/6/2018	In-situ	--	--	<26.3	47.9	<26.3	47.9	4,910
	2 - 3	12/6/2018	In-situ	--	--	--	--	--	--	5,790
	3 - 4	12/6/2018	In-situ	--	--	--	--	--	--	6,760
	4 - 5	12/6/2018	In-situ	--	--	--	--	--	--	7,140
	6	1/2/2019	In-situ	--	--	--	--	--	--	2,980
	10	1/2/2019	In-situ	--	--	--	--	--	--	4,670
	14	1/2/2019	In-situ	--	--	--	--	--	--	10,600
	18	1/2/2019	In-situ	--	--	--	--	--	--	5,340
	20	1/2/2019	In-situ	--	--	--	--	--	--	2,640
	23	1/2/2019	In-situ	--	--	--	--	--	--	20.30
DP-4	0 - 1	12/6/2018	In-situ	<0.0206	<0.9476	<25.8	118	<25.8	118	2,950
	1 - 2	12/6/2018	In-situ	--	--	--	--	--	--	3,160
	3 - 4	12/6/2018	In-situ	--	--	--	--	--	--	4,620
	4 - 6	12/6/2018	In-situ	--	--	--	--	--	--	6,090
	10	1/2/2019	In-situ	--	--	--	--	--	--	7,210
	14	1/2/2019	In-situ	--	--	--	--	--	--	9,510
	18	1/2/2019	In-situ	--	--	--	--	--	--	7,450
	20	1/2/2019	In-situ	--	--	--	--	--	--	1,690
	23	1/2/2019	In-situ	--	--	--	--	--	--	204
DP-5	0 - 1	12/6/2018	In-situ	<0.0204	<0.9384	<25.5	<25.5	<25.5	<25.5	3,140
	1 - 2	12/6/2018	In-situ	--	--	--	--	--	--	2,800
	2 - 3	12/6/2018	In-situ	--	--	--	--	--	--	3,380

Table 1
1RP-5277
Soil Sample Analytical Data Summary
Legacy Reserves, Spill West of Marathon Road
Lea County, New Mexico
18-0138-04

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)
RRAL				**10**	**50**				**2,500**	**10,000**
	3 - 4	12/6/2018	In-situ	--	--	--	--	--	--	5,640
	4 - 6	12/6/2018	In-situ	--	--	--	--	--	--	6,220
	6 - 8	12/6/2018	In-situ	--	--	--	--	--	--	6,610
	10	1/2/2019	In-situ	--	--	--	--	--	--	26.40
DP-6	0 - 1	12/6/2018	In-situ	<0.0204	<0.9384	<25.5	<25.5	<25.5	<25.5	27.0
DP-7	0 - 1	12/6/2018	In-situ	<0.0222	<1.0212	28.9	<27.8	<27.8	28.9	4.97
DP-8	0 - 1	12/6/2018	In-situ	<0.0206	<0.9476	<25.8	<25.8	<25.8	<25.8	707
	1 - 2	12/6/2018	In-situ	--	--	--	--	--	--	4,410
	2 - 3	12/6/2018	In-situ	--	--	--	--	--	--	1,270
	4	1/2/2019	In-situ	--	--	--	--	--	--	2,610
	6	1/2/2019	In-situ	--	--	--	--	--	--	2,640
	8	1/2/2019	In-situ	--	--	--	--	--	--	1,300
	10	1/2/2019	In-situ	--	--	--	--	--	--	108
DP-9	0 - 1	12/6/2018	In-Situ	<0.0204	<0.9384	<25.5	<25.5	<25.5	<25.5	29.8
HA-1	1	3/13/2019	In-situ	<0.00108	<0.00647	<26.9	<26.9	<26.9	<26.9	1.42
	2	3/13/2019	In-situ	<0.00106	<0.00637	<26.6	<26.6	<26.6	<26.6	2.90
	3	3/13/2019	In-situ	<0.00104	<0.00624	<26.0	<26.0	<26.0	<26.0	<1.04
HA-2	1	3/13/2019	In-situ	<0.00102	<0.00612	<25.5	<25.5	<25.5	<25.5	1,650
	2	3/13/2019	In-situ	<0.00105	<0.00631	<26.3	<26.3	<26.3	<26.3	3,810
	3	3/13/2019	In-situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	2,570
HA-3	1	3/13/2019	In-situ	<0.00103	<0.00618	<25.8	<25.8	<25.8	<25.8	<1.03
	2	3/13/2019	In-situ	<0.00103	0.00186	<25.8	<25.8	<25.8	<25.8	<1.03
	3	3/13/2019	In-situ	<0.00112	<0.00673	<28.1	<28.1	<28.1	<28.1	1.96
Remediation										
DP-3.1 (Sidewall North)	8	2/8/2019	In-situ	<0.0206	<0.1236	<25.8	79.2	37.6	117	4,190
DP-3.2 (Sidewall East)	8	2/8/2019	In-situ	<0.0211	<0.1265	<26.3	<26.3	<26.3	<26.3	5,020
DP-3.3 (Sidewall South)	8	2/8/2019	In-situ	<0.0222	<0.1332	<27.8	<27.8	<27.8	<27.8	9,600
DP-3.4 (Sidewall West)	8	2/8/2019	In-situ	<0.0217	<0.1303	<27.2	258	49.9	308	3,990
DP-3.5 (Bottom)	16	2/8/2019	In-situ	<0.0215	<0.1292	<26.9	<26.9	<26.9	<26.9	4,980

Notes: Laboratory analysis performed by Permian Basin Environmental Lab, Lubbock, Texas by EPA 8021B (BTEX)
Method 8015M (TPH) and 300 (chloride)
Depth in feet below ground surface (bgs)
mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)

Table 1
1RP-5277
Soil Sample Analytical Data Summary
Legacy Reserves, Spill West of Marathon Road
Lea County, New Mexico
18-0138-04

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)
RRAL				**10**	**50**				**2,500**	**10,000**

*: OCD delineation level
Bold and highlited denote concentration above RRAL
Bold and highliteed denote concentration above OCD delineation limit

Figures

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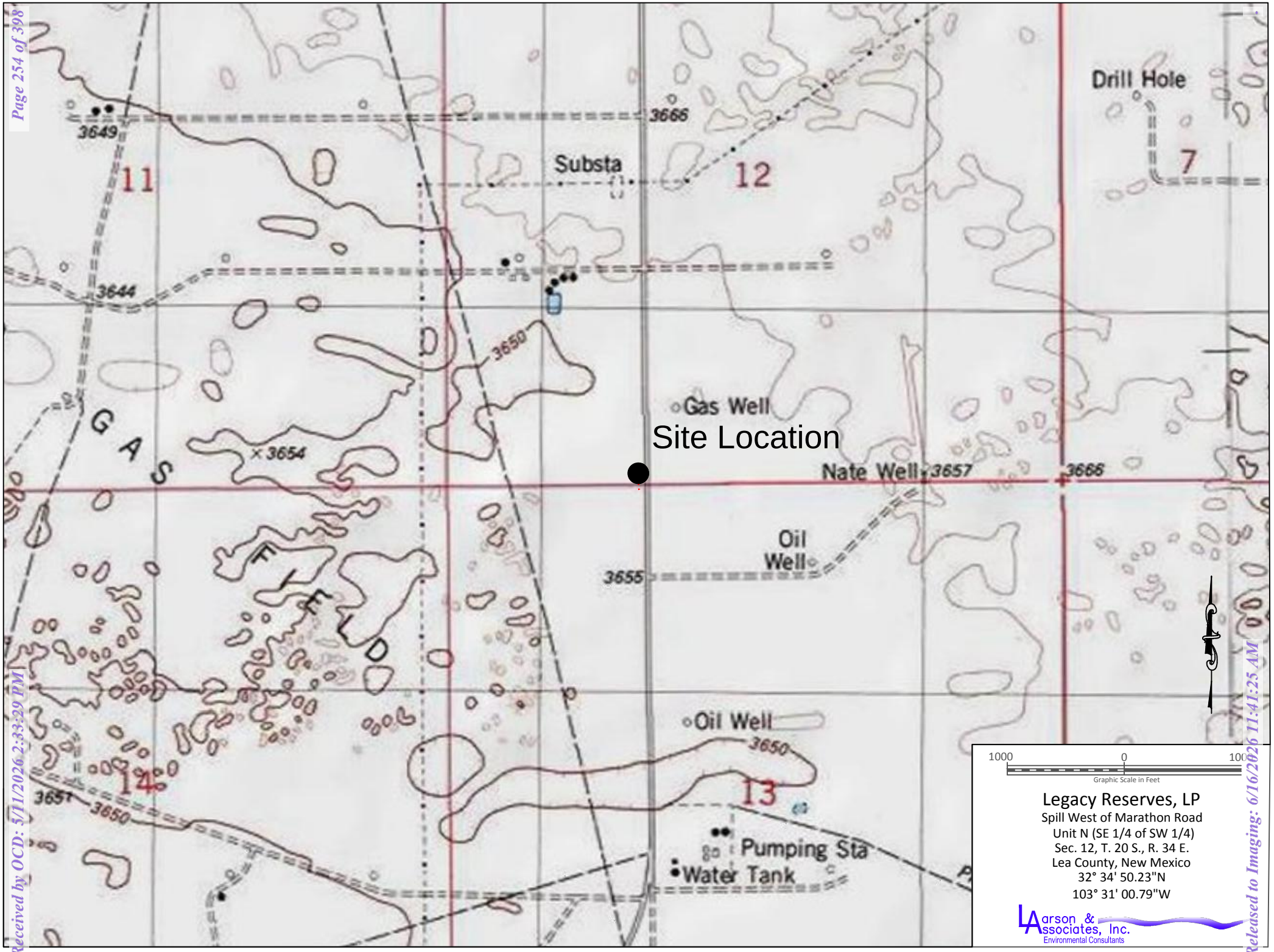


Figure 1 - Topographic Map

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

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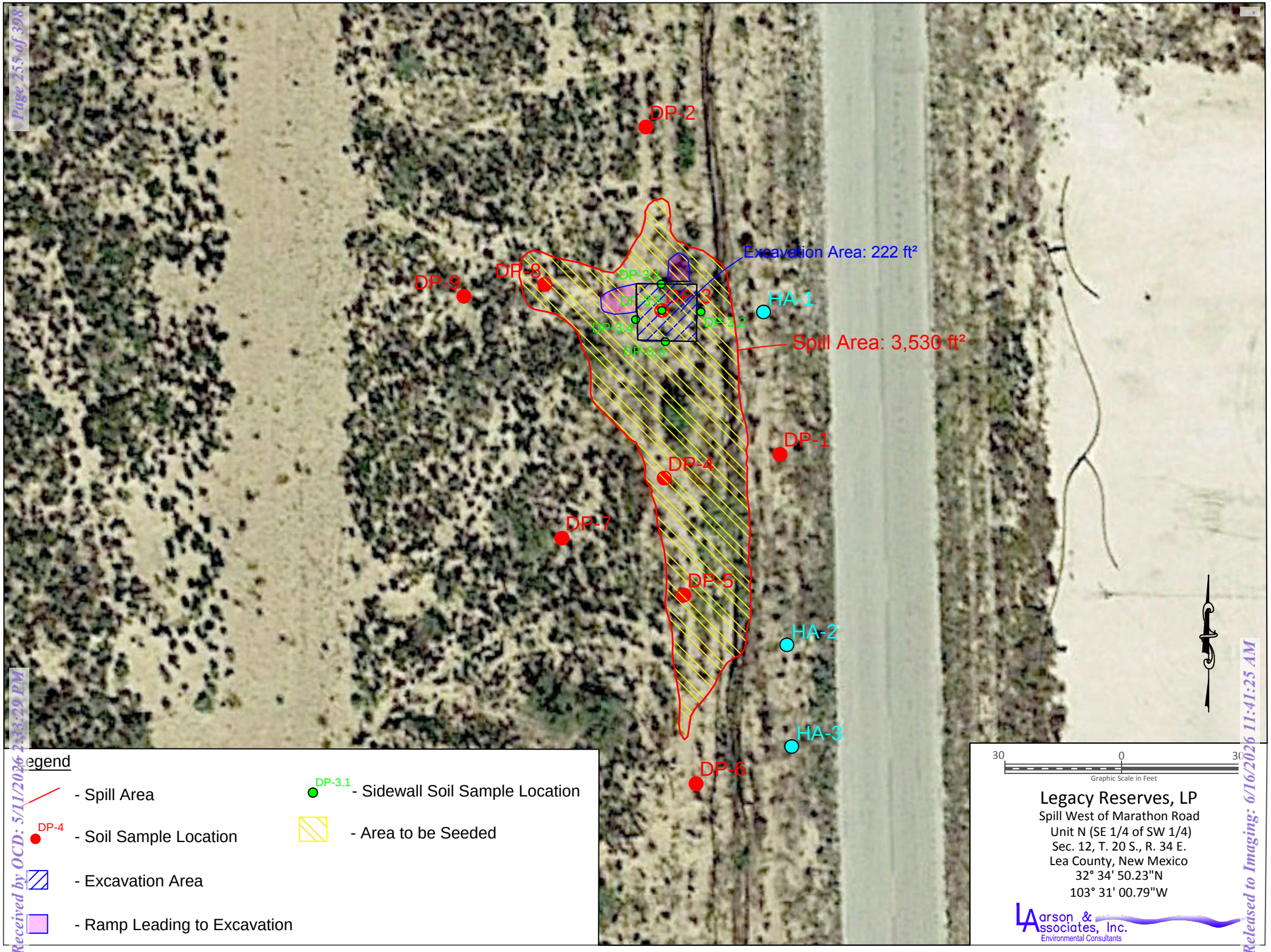


Figure 2 - Aerial Map Showing Soil Sample Locations and Excavation Area

Received by OCD: 5/11/2026 2:33:29 PM
Released to Imaging: 6/16/2026 11:41:25 AM

Appendix A

Initial C-141

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	NCH1835254557
District RP	1RP-5277
Facility ID	fCH1835254172
Application ID	pCH1835254847

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 # NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172
Contact mailing address 303 W. Wall St. Midland TX 79701	

Location of Release Source

Latitude 32.58062° N Longitude -103.51690° W

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Spill West of Marathon Road	Site Type Polyline
Date Release Discovered 11/12/2018	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
F	13	20S	33E	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) 2,200 bbls	Volume Recovered (bbls) 380 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 fusion in a polyline split.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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 on 11/12/2018 at 8:33 MST 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: 11/13/2018

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

OCD Only

Received by: Date:

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Appendix B

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: Spill West of Marathon Road

Project Number: 18-0138-04

Location: New Mexico

Lab Order Number: 8L10009

NELAP/TCEQ # T104704516-17-8

Report Date: 12/20/18

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-1(0-1')	8L10009-01	Soil	12/06/18 11:41	12-10-2018 10:45
DP-1 (1-2')	8L10009-02	Soil	12/06/18 11:45	12-10-2018 10:45
DP-1 (2-3')	8L10009-03	Soil	12/06/18 11:47	12-10-2018 10:45
DP-2(0-1')	8L10009-04	Soil	12/06/18 12:31	12-10-2018 10:45
DP-3 (0-1')	8L10009-07	Soil	12/06/18 12:54	12-10-2018 10:45
DP-3 (1-2')	8L10009-08	Soil	12/06/18 13:00	12-10-2018 10:45
DP-3 (2-3')	8L10009-09	Soil	12/06/18 13:02	12-10-2018 10:45
DP-3 (3-4')	8L10009-10	Soil	12/06/18 13:04	12-10-2018 10:45
DP-3 (4-5')	8L10009-11	Soil	12/06/18 13:17	12-10-2018 10:45
DP-4(0-1')	8L10009-12	Soil	12/06/18 13:47	12-10-2018 10:45
DP-4 (1-2')	8L10009-13	Soil	12/06/18 13:51	12-10-2018 10:45
DP-4 (2-3')	8L10009-14	Soil	12/06/18 13:54	12-10-2018 10:45
DP-4 (3-4')	8L10009-15	Soil	12/06/18 13:57	12-10-2018 10:45
DP-4 (4-6')	8L10009-16	Soil	12/06/18 14:09	12-10-2018 10:45
DP-5 (0-1')	8L10009-17	Soil	12/07/18 12:01	12-10-2018 10:45
DP-5 (1-2')	8L10009-18	Soil	12/07/18 12:05	12-10-2018 10:45
DP-5 (2-3')	8L10009-19	Soil	12/07/18 12:14	12-10-2018 10:45
DP-5 (3-4')	8L10009-20	Soil	12/07/18 12:18	12-10-2018 10:45
DP-5 (4-6')	8L10009-21	Soil	12/07/18 12:43	12-10-2018 10:45
DP-5 (6-8')	8L10009-22	Soil	12/07/18 12:49	12-10-2018 10:45
DP-6(0-1')	8L10009-23	Soil	12/07/18 13:16	12-10-2018 10:45
DP-7(0-1')	8L10009-27	Soil	12/07/18 14:16	12-10-2018 10:45
DP-8(0-1')	8L10009-31	Soil	12/07/18 14:50	12-10-2018 10:45
DP-8 (1-2')	8L10009-32	Soil	12/07/18 14:55	12-10-2018 10:45
DP-8 (2-3')	8L10009-33	Soil	12/07/18 15:02	12-10-2018 10:45
DP-9(0-1')	8L10009-34	Soil	12/07/18 15:31	12-10-2018 10:45

Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-1(0-1')

8L10009-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0206	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Toluene	ND	0.206	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Ethylbenzene	ND	0.103	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (p/m)	ND	0.412	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (o)	ND	0.206	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.0 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6520**	25.8	mg/kg dry	25	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P8L1107	12/11/18	12/11/18	TPH 8015M	
>C12-C28	**41.8**	25.8	mg/kg dry	1	P8L1107	12/11/18	12/11/18	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P8L1107	12/11/18	12/11/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P8L1107*	*12/11/18*	*12/11/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P8L1107*	*12/11/18*	*12/11/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**41.8**	25.8	mg/kg dry	1	[CALC]	12/11/18	12/11/18	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.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (1-2')

8L10009-02 (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	**3310**	10.3	mg/kg dry	10	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (2-3')

8L10009-03 (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	**3630**	10.4	mg/kg dry	10	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-2(0-1')

8L10009-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*84.5 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**33.5**	1.02	mg/kg dry	1	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L1107	12/11/18	12/11/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L1107	12/11/18	12/11/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L1107	12/11/18	12/11/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P8L1107*	*12/11/18*	*12/11/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P8L1107*	*12/11/18*	*12/11/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/11/18	12/11/18	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (0-1')

8L10009-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.111**	0.0521	mg/kg dry	50	P8L1304	12/13/18	12/14/18	EPA 8021B	
Toluene	**14.6**	0.521	mg/kg dry	50	P8L1304	12/13/18	12/14/18	EPA 8021B	
Ethylbenzene	**13.4**	0.260	mg/kg dry	50	P8L1304	12/13/18	12/14/18	EPA 8021B	
Xylene (p/m)	**26.4**	1.04	mg/kg dry	50	P8L1304	12/13/18	12/14/18	EPA 8021B	
Xylene (o)	**15.2**	0.521	mg/kg dry	50	P8L1304	12/13/18	12/14/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.2 %*	*75-125*		*P8L1304*	*12/13/18*	*12/14/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3300**	10.4	mg/kg dry	10	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1690**	130	mg/kg dry	5	P8L1107	12/11/18	12/12/18	TPH 8015M	
>C12-C28	**5970**	130	mg/kg dry	5	P8L1107	12/11/18	12/12/18	TPH 8015M	
>C28-C35	**816**	130	mg/kg dry	5	P8L1107	12/11/18	12/12/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.5 %*	*70-130*		*P8L1107*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P8L1107*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**8470**	130	mg/kg dry	5	[CALC]	12/11/18	12/12/18	calc	

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P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (1-2')

8L10009-08 (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	**4910**	26.3	mg/kg dry	25	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P8L1107	12/11/18	12/12/18	TPH 8015M	
>C12-C28	**47.9**	26.3	mg/kg dry	1	P8L1107	12/11/18	12/12/18	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P8L1107	12/11/18	12/12/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P8L1107*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P8L1107*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**47.9**	26.3	mg/kg dry	1	[CALC]	12/11/18	12/12/18	calc	

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DP-3 (2-3')

8L10009-09 (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	**5790**	26.6	mg/kg dry	25	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (3-4')

8L10009-10 (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	**6760**	26.9	mg/kg dry	25	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (4-5')

8L10009-11 (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	**7140**	26.9	mg/kg dry	25	P8L1307	12/13/18	12/14/18	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-4(0-1')

8L10009-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0206	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Toluene	ND	0.206	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Ethylbenzene	ND	0.103	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (p/m)	ND	0.412	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (o)	ND	0.206	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.5 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.0 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2950**	10.3	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
>C12-C28	**118**	25.8	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*P8L1202*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P8L1202*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**118**	25.8	mg/kg dry	1	[CALC]	12/11/18	12/12/18	calc	

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DP-4 (1-2')

8L10009-13 (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	**3160**	10.3	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-4 (2-3')

8L10009-14 (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	**3760**	10.4	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-4 (3-4')

8L10009-15 (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	**4620**	10.5	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-4 (4-6')

8L10009-16 (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	**6090**	26.6	mg/kg dry	25	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-5 (0-1')

8L10009-17 (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	P8L1304	12/13/18	12/13/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*95.1 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3140**	10.2	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P8L1202*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P8L1202*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/11/18	12/12/18	calc	

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DP-5 (1-2')

8L10009-18 (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	**2800**	10.3	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-5 (2-3')

8L10009-19 (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	**3380**	10.3	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-5 (3-4')

8L10009-20 (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	**5640**	26.6	mg/kg dry	25	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-5 (4-6')

8L10009-21 (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	**6220**	26.6	mg/kg dry	25	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-5 (6-8')

8L10009-22 (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	**6610**	26.9	mg/kg dry	25	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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DP-6(0-1')

8L10009-23 (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	P8L1304	12/13/18	12/13/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L1304	12/13/18	12/13/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*89.9 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*91.9 %*	*75-125*		*P8L1304*	*12/13/18*	*12/13/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.0**	1.02	mg/kg dry	1	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L1202	12/11/18	12/12/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.3 %*	*70-130*		*P8L1202*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P8L1202*	*12/11/18*	*12/12/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/11/18	12/12/18	calc	

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DP-7(0-1')

8L10009-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0222	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Toluene	ND	0.222	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Ethylbenzene	ND	0.111	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Xylene (p/m)	ND	0.444	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Xylene (o)	ND	0.222	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*86.6 %*	*75-125*		*P8L1701*	*12/17/18*	*12/17/18*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*75-125*		*P8L1701*	*12/17/18*	*12/17/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4.97**	1.11	mg/kg dry	1	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**28.9**	27.8	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P8L1203*	*12/12/18*	*12/14/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P8L1203*	*12/12/18*	*12/14/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**28.9**	27.8	mg/kg dry	1	[CALC]	12/12/18	12/14/18	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8(0-1')

8L10009-31 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0206	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Toluene	ND	0.206	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Ethylbenzene	ND	0.103	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Xylene (p/m)	ND	0.412	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Xylene (o)	ND	0.206	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*75-125*		*P8L1701*	*12/17/18*	*12/17/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.5 %*	*75-125*		*P8L1701*	*12/17/18*	*12/17/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**707**	1.03	mg/kg dry	1	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P8L1203*	*12/12/18*	*12/14/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P8L1203*	*12/12/18*	*12/14/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	12/12/18	12/14/18	calc	

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P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (1-2')

8L10009-32 (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	**4410**	10.5	mg/kg dry	10	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (2-3')

8L10009-33 (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	**1270**	5.26	mg/kg dry	5	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	

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P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-9(0-1')

8L10009-34 (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	P8L1701	12/17/18	12/17/18	EPA 8021B	
Toluene	ND	0.204	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Ethylbenzene	ND	0.102	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Xylene (p/m)	ND	0.408	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Xylene (o)	ND	0.204	mg/kg dry	20	P8L1701	12/17/18	12/17/18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*75-125*		*P8L1701*	*12/17/18*	*12/17/18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.1 %*	*75-125*		*P8L1701*	*12/17/18*	*12/17/18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**29.8**	1.02	mg/kg dry	1	P8L1402	12/14/18	12/14/18	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P8L1205	12/12/18	12/12/18	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P8L1203	12/12/18	12/14/18	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P8L1203*	*12/12/18*	*12/14/18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P8L1203*	*12/12/18*	*12/14/18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	12/12/18	12/14/18	calc	

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Larson & Associates, Inc.
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Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1304 - General Preparation (GC)										
Blank (P8L1304-BLK1)				Prepared & Analyzed: 12/13/18						
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	*0.0519*		"	*0.0600*		*86.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0546*		"	*0.0600*		*91.1*	*75-125*			
LCS (P8L1304-BS1)				Prepared & Analyzed: 12/13/18						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	70-130			
Toluene	0.113	0.0100	"	0.100		113	70-130			
Ethylbenzene	0.116	0.00500	"	0.100		116	70-130			
Xylene (p/m)	0.199	0.0200	"	0.200		99.7	70-130			
Xylene (o)	0.115	0.0100	"	0.100		115	70-130			
Surrogate: 1,4-Difluorobenzene	*0.0625*		"	*0.0600*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0593*		"	*0.0600*		*98.8*	*75-125*			
LCS Dup (P8L1304-BSD1)				Prepared & Analyzed: 12/13/18						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	70-130	3.23	20	
Toluene	0.116	0.0100	"	0.100		116	70-130	2.39	20	
Ethylbenzene	0.114	0.00500	"	0.100		114	70-130	2.23	20	
Xylene (p/m)	0.205	0.0200	"	0.200		102	70-130	2.71	20	
Xylene (o)	0.112	0.0100	"	0.100		112	70-130	2.53	20	
Surrogate: 4-Bromofluorobenzene	*0.0635*		"	*0.0600*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0633*		"	*0.0600*		*105*	*75-125*			
Matrix Spike (P8L1304-MS1)		**Source: 8L07007-01**		Prepared & Analyzed: 12/13/18						
Benzene	0.0844	0.0202	mg/kg dry	0.101	ND	83.6	80-120			
Toluene	0.0844	0.202	"	0.101	ND	83.6	80-120			
Ethylbenzene	0.142	0.101	"	0.101	ND	141	80-120			QM-07
Xylene (p/m)	0.249	0.404	"	0.202	ND	123	80-120			QM-07
Xylene (o)	0.107	0.202	"	0.101	ND	106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0536*		"	*0.0606*		*88.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0548*		"	*0.0606*		*90.4*	*75-125*			

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Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1304 - General Preparation (GC)										
Matrix Spike Dup (P8L1304-MSD1)	**Source: 8L07007-01**			Prepared & Analyzed: 12/13/18						
Benzene	0.0812	0.0202	mg/kg dry	0.101	ND	80.4	80-120	3.90	20	
Toluene	0.0990	0.202	"	0.101	ND	98.0	80-120	15.9	20	
Ethylbenzene	0.114	0.101	"	0.101	ND	113	80-120	22.0	20	R3
Xylene (p/m)	0.221	0.404	"	0.202	ND	109	80-120	12.0	20	
Xylene (o)	0.0949	0.202	"	0.101	ND	94.0	80-120	11.8	20	
Surrogate: 1,4-Difluorobenzene	*0.0562*		*"*	*0.0606*		*92.7*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0537*		*"*	*0.0606*		*88.7*	*75-125*			
Batch P8L1701 - General Preparation (GC)										
Blank (P8L1701-BLK1)				Prepared & Analyzed: 12/17/18						
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	*0.0571*		*"*	*0.0600*		*95.2*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0516*		*"*	*0.0600*		*86.0*	*75-125*			
LCS (P8L1701-BS1)				Prepared & Analyzed: 12/17/18						
Benzene	0.112	0.00100	mg/kg wet	0.100		112	70-130			
Toluene	0.110	0.0100	"	0.100		110	70-130			
Ethylbenzene	0.114	0.00500	"	0.100		114	70-130			
Xylene (p/m)	0.198	0.0200	"	0.200		99.2	70-130			
Xylene (o)	0.113	0.0100	"	0.100		113	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0566*		*"*	*0.0600*		*94.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0615*		*"*	*0.0600*		*102*	*75-125*			

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Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1701 - General Preparation (GC)										
LCS Dup (P8L1701-BSD1)				Prepared & Analyzed: 12/17/18						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130	4.41	20	
Toluene	0.105	0.0100	"	0.100		105	70-130	4.76	20	
Ethylbenzene	0.118	0.00500	"	0.100		118	70-130	3.63	20	
Xylene (p/m)	0.183	0.0200	"	0.200		91.3	70-130	8.34	20	
Xylene (o)	0.103	0.0100	"	0.100		103	70-130	9.10	20	
Surrogate: 1,4-Difluorobenzene	*0.0600*		*"*	*0.0600*		*100*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0496*		*"*	*0.0600*		*82.8*	*75-125*			
Matrix Spike (P8L1701-MS1)		**Source: 8L14001-01**		Prepared & Analyzed: 12/17/18						
Benzene	0.103	0.00114	mg/kg dry	0.114	ND	91.0	80-120			
Toluene	0.101	0.0114	"	0.114	ND	88.5	80-120			
Ethylbenzene	0.122	0.00568	"	0.114	ND	107	80-120			
Xylene (p/m)	0.183	0.0227	"	0.227	ND	80.6	80-120			
Xylene (o)	0.106	0.0114	"	0.114	ND	93.1	80-120			
Surrogate: 1,4-Difluorobenzene	*0.0707*		*"*	*0.0682*		*104*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0683*		*"*	*0.0682*		*100*	*75-125*			
Matrix Spike Dup (P8L1701-MSD1)		**Source: 8L14001-01**		Prepared & Analyzed: 12/17/18						
Benzene	0.0993	0.00114	mg/kg dry	0.114	ND	87.4	80-120	4.05	20	
Toluene	0.0967	0.0114	"	0.114	ND	85.1	80-120	3.86	20	
Ethylbenzene	0.118	0.00568	"	0.114	ND	104	80-120	3.11	20	
Xylene (p/m)	0.177	0.0227	"	0.227	ND	78.1	80-120	3.15	20	
Xylene (o)	0.102	0.0114	"	0.114	ND	89.6	80-120	3.79	20	
Surrogate: 4-Bromofluorobenzene	*0.0736*		*"*	*0.0682*		*108*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0741*		*"*	*0.0682*		*109*	*75-125*			

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Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1205 - * DEFAULT PREP *** **										
Blank (P8L1205-BLK1)				Prepared & Analyzed: 12/12/18						
% Moisture	ND	0.1	%							
Duplicate (P8L1205-DUP1)		**Source: 8L10009-26**		Prepared & Analyzed: 12/12/18						
% Moisture	3.0	0.1	%		15.0			133	20	
Duplicate (P8L1205-DUP2)		**Source: 8L10010-16**		Prepared & Analyzed: 12/12/18						
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P8L1205-DUP3)		**Source: 8L10011-07**		Prepared & Analyzed: 12/12/18						
% Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P8L1205-DUP4)		**Source: 8L11008-04**		Prepared & Analyzed: 12/12/18						
% Moisture	13.0	0.1	%		14.0			7.41	20	
Batch P8L1307 - * DEFAULT PREP *** **										
Blank (P8L1307-BLK1)				Prepared: 12/13/18 Analyzed: 12/14/18						
Chloride	ND	1.00	mg/kg wet							
LCS (P8L1307-BS1)				Prepared & Analyzed: 12/13/18						
Chloride	411	1.00	mg/kg wet	400		103	80-120			
LCS Dup (P8L1307-BSD1)				Prepared & Analyzed: 12/13/18						
Chloride	410	1.00	mg/kg wet	400		102	80-120	0.375	20	
Duplicate (P8L1307-DUP1)		**Source: 8L10007-02**		Prepared: 12/13/18 Analyzed: 12/14/18						
Chloride	1.27	1.04	mg/kg dry		1.86			37.9	20	

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P.O. Box 50685	Project Number: 18-0138-04	
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 P8L1307 - * DEFAULT PREP *** **										
Duplicate (P8L1307-DUP2)	**Source: 8L10009-01**			Prepared: 12/13/18 Analyzed: 12/14/18						
Chloride	6550	25.8	mg/kg dry		6520			0.394	20	
Matrix Spike (P8L1307-MS1)	**Source: 8L10007-02**			Prepared: 12/13/18 Analyzed: 12/14/18						
Chloride	516	1.04	mg/kg dry	521	1.86	98.6	80-120			
Batch P8L1402 - * DEFAULT PREP *** **										
Blank (P8L1402-BLK1)				Prepared: 12/14/18 Analyzed: 12/17/18						
Chloride	ND	1.00	mg/kg wet							
LCS (P8L1402-BS1)				Prepared & Analyzed: 12/14/18						
Chloride	409	1.00	mg/kg wet	400		102	80-120			
LCS Dup (P8L1402-BSD1)				Prepared & Analyzed: 12/14/18						
Chloride	408	1.00	mg/kg wet	400		102	80-120	0.230	20	
Duplicate (P8L1402-DUP1)	**Source: 8L10009-12**			Prepared & Analyzed: 12/14/18						
Chloride	2950	10.3	mg/kg dry		2950			0.0944	20	
Duplicate (P8L1402-DUP2)	**Source: 8L10009-22**			Prepared & Analyzed: 12/14/18						
Chloride	6630	26.9	mg/kg dry		6610			0.325	20	
Matrix Spike (P8L1402-MS1)	**Source: 8L10009-12**			Prepared & Analyzed: 12/14/18						
Chloride	3970	10.3	mg/kg dry	1030	2950	99.1	80-120			

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Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1107 - TX 1005										
Blank (P8L1107-BLK1)				Prepared & Analyzed: 12/11/18						
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	*55.0*		*"*	*50.0*		*110*	*70-130*			
LCS (P8L1107-BS1)				Prepared & Analyzed: 12/11/18						
C6-C12	875	25.0	mg/kg wet	1000		87.5	75-125			
>C12-C28	890	25.0	"	1000		89.0	75-125			
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*52.5*		*"*	*50.0*		*105*	*70-130*			
LCS Dup (P8L1107-BSD1)				Prepared & Analyzed: 12/11/18						
C6-C12	818	25.0	mg/kg wet	1000		81.8	75-125	6.75	20	
>C12-C28	861	25.0	"	1000		86.1	75-125	3.30	20	
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*46.0*		*"*	*50.0*		*92.0*	*70-130*			
Matrix Spike (P8L1107-MS1)	**Source: 8L10008-05**			Prepared: 12/11/18 Analyzed: 12/12/18						
C6-C12	862	27.2	mg/kg dry	1090	29.0	76.6	75-125			
>C12-C28	2060	27.2	"	1090	2000	4.75	75-125			
Surrogate: 1-Chlorooctane	*126*		*"*	*109*		*116*	*70-130*			
Surrogate: o-Terphenyl	*69.0*		*"*	*54.3*		*127*	*70-130*			
Matrix Spike Dup (P8L1107-MSD1)	**Source: 8L10008-05**			Prepared: 12/11/18 Analyzed: 12/12/18						
C6-C12	902	27.2	mg/kg dry	1090	29.0	80.3	75-125	4.74	20	
>C12-C28	2110	27.2	"	1090	2000	9.73	75-125	68.7	20	
Surrogate: 1-Chlorooctane	*123*		*"*	*109*		*114*	*70-130*			
Surrogate: o-Terphenyl	*56.1*		*"*	*54.3*		*103*	*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: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1202 - TX 1005										
Blank (P8L1202-BLK1)				Prepared: 12/11/18 Analyzed: 12/12/18						
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 (P8L1202-BS1)				Prepared: 12/11/18 Analyzed: 12/12/18						
C6-C12	779	25.0	mg/kg wet	1000		77.9	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*109*		*"*	*100*		*109*	*70-130*			
Surrogate: o-Terphenyl	*55.9*		*"*	*50.0*		*112*	*70-130*			
LCS Dup (P8L1202-BSD1)				Prepared: 12/11/18 Analyzed: 12/12/18						
C6-C12	839	25.0	mg/kg wet	1000		83.9	75-125	7.39	20	
>C12-C28	1030	25.0	"	1000		103	75-125	0.111	20	
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*58.6*		*"*	*50.0*		*117*	*70-130*			
Matrix Spike (P8L1202-MS1)	**Source: 8L10009-23**			Prepared: 12/11/18 Analyzed: 12/12/18						
C6-C12	823	25.5	mg/kg dry	1020	23.7	78.3	75-125			
>C12-C28	1030	25.5	"	1020	ND	101	75-125			
Surrogate: 1-Chlorooctane	*122*		*"*	*102*		*119*	*70-130*			
Surrogate: o-Terphenyl	*52.8*		*"*	*51.0*		*103*	*70-130*			
Matrix Spike Dup (P8L1202-MSD1)	**Source: 8L10009-23**			Prepared: 12/11/18 Analyzed: 12/12/18						
C6-C12	995	25.5	mg/kg dry	1020	23.7	95.2	75-125	19.5	20	
>C12-C28	1080	25.5	"	1020	ND	106	75-125	4.94	20	
Surrogate: 1-Chlorooctane	*128*		*"*	*102*		*126*	*70-130*			
Surrogate: o-Terphenyl	*55.6*		*"*	*51.0*		*109*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P8L1203 - TX 1005										
Blank (P8L1203-BLK1)				Prepared: 12/12/18 Analyzed: 12/14/18						
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	*58.7*		*"*	*50.0*		*117*	*70-130*			
LCS (P8L1203-BS1)				Prepared: 12/12/18 Analyzed: 12/14/18						
C6-C12	828	25.0	mg/kg wet	1000		82.8	75-125			
>C12-C28	1040	25.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	*129*		*"*	*100*		*129*	*70-130*			
Surrogate: o-Terphenyl	*57.2*		*"*	*50.0*		*114*	*70-130*			
LCS Dup (P8L1203-BSD1)				Prepared: 12/12/18 Analyzed: 12/14/18						
C6-C12	890	25.0	mg/kg wet	1000		89.0	75-125	7.26	20	
>C12-C28	1170	25.0	"	1000		117	75-125	11.7	20	
Surrogate: 1-Chlorooctane	*110*		*"*	*100*		*110*	*70-130*			
Surrogate: o-Terphenyl	*59.2*		*"*	*50.0*		*118*	*70-130*			
Matrix Spike (P8L1203-MS1)	**Source: 8L10010-21**			Prepared: 12/12/18 Analyzed: 12/15/18						
C6-C12	842	26.6	mg/kg dry	1060	14.0	77.8	75-125			
>C12-C28	1030	26.6	"	1060	ND	97.1	75-125			
Surrogate: 1-Chlorooctane	*123*		*"*	*106*		*116*	*70-130*			
Surrogate: o-Terphenyl	*51.8*		*"*	*53.2*		*97.4*	*70-130*			
Matrix Spike Dup (P8L1203-MSD1)	**Source: 8L10010-21**			Prepared: 12/12/18 Analyzed: 12/15/18						
C6-C12	854	26.6	mg/kg dry	1060	14.0	79.0	75-125	1.48	20	
>C12-C28	1030	26.6	"	1060	ND	97.2	75-125	0.109	20	
Surrogate: 1-Chlorooctane	*125*		*"*	*106*		*118*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*53.2*		*104*	*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: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

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: 12/20/2018

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.

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Nº 0531

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

8L10009

Data Reported to:

DATE: 12/10/2018 PAGE 1 OF 3

PO#: LAB WORK ORDER#: 8L10009

PROJECT LOCATION OR NAME: Spill West of Marathon Road

LAI PROJECT #: 18-0138-04 COLLECTOR: RO / 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 ☒ | 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 ☐ | m360

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	TRPH	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	m360	FIELD NOTES
DP-1 (0-1')	-01	12/6/18	11:41	S	1				X		X	X	X	X		X	analyze
(1-2')	-02		11:45														chloride until
(2-3')	-03		11:47														delineation
DP-2 (0-1')	-04		12:31								X						limit is reached
(1-2')	-05		12:34														(600 mg/kg)
(2-3')	-06		12:37														
DP-3 (0-1')	-07		12:54								X						analyze TPH
(1-2')	-08		13:00														until delineation
(2-3')	-09		13:02														limit is reached
(3-4')	-10		13:04														(2,500 mg/kg)
(4-5')	-11		13:17														
DP-4 (0-1')	-12		13:47								X						
(1-2')	-13		13:51														
(2-3')	-14		13:54														
(3-4')	15		13:57														
TOTAL		15		15	15				15	4	15	15	15			15	

RELINQUISHED BY:(Signature) John Olsen DATE/TIME 12/10/18 10:45 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 12/10/18 10:45 RECEIVED BY: (Signature) Cerina Bacon

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.5-2.5 THERM#: 21
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:39 PM

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CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to: 8L10009

DATE: 12/10/2018 PAGE 2 OF 3

PO#: LAB WORK ORDER#: 8L10009

PROJECT LOCATION OR NAME: Spill West of Marathon Rd

LAI PROJECT #: 18-013B-04 COLLECTOR: RO/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 ☐ | 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 ☐ | 300

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX ☒	TRPH 418.1 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	CHLORIDES ☒	FIELD NOTES
DP-4 (4-6')	16	12/6/18	14:09	S	1				X			X	X	X		X	analyze
DP-5 (0-1')	17	12/7/18	12:01	S							X						chloride
(1-2')	18		12:05														until delineation
(2-3')	19		12:14														limit is reached
(3-4')	20		12:18														(1000mg/kg)
(4-6')	21		12:43														
(6-8')	22		12:49														analyze TPH
DP-6 (0-1')	23		13:16								X						until delineation
(1-2')	24		13:28														limit is reached
(2-3')	25		13:23														(2,500mg/kg)
(3-4')	26		13:31														
DP-7 (0-1')	27		14:16								X						
(1-2')	28		14:21														
(2-3')	29		14:24														
(3-4')	30		14:36														
TOTAL					15				15	15							

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RELINQUISHED BY:(Signature) DATE/TIME 12/10/18 10:45 RECEIVED BY: (Signature) Carolyn Barron

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.5-2.5 THERM#: 11
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:29 PM

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Nº 0533

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to: 8L10009

DATE: 12/10/2018 PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: 8L10009

PROJECT LOCATION OR NAME: Spill West of Maralo Rd

LAI PROJECT #: 18-0138-04 COLLECTOR: RO/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 ☒ | 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	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-8 (0-1')	31	12/7/18	14:50	S	1				X		X		X		X	X	X													X			analyze chloride until delineation limit is reached (600mg/kg)
(1-2')	32		14:55																														
(2-3')	33		15:02																														
DP-9 (0-1')	34		15:31								X																						
(1-2')	35		15:33																														
(2-3')	36		15:38																														
(3-4')	37		15:45																														
																																	analyze ~~EPH~~ TPH until delineation limit is reached (2,500 mg/kg)
TOTAL		7		7	7				7		2	7	7	7																7			

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RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 12/10/18 10:45 RECEIVED BY: (Signature) Cerown Barron

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.5-2.5 THERM#: L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:29 PM

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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: Spill West of Marathon Road
Project Number: 18-0138-04
Location:

Lab Order Number: 9A07012

NELAP/TCEQ # T104704516-17-8

Report Date: 01/15/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-8 (2')	9A07012-01	Soil	01/02/19 10:26	01-07-2019 13:05
DP-8 (4')	9A07012-02	Soil	01/02/19 10:34	01-07-2019 13:05
DP-8 (6')	9A07012-03	Soil	01/02/19 10:42	01-07-2019 13:05
DP-8 (8')	9A07012-04	Soil	01/02/19 10:50	01-07-2019 13:05
DP-8 (10')	9A07012-05	Soil	01/02/19 10:58	01-07-2019 13:05
DP-1 (2')	9A07012-08	Soil	01/02/19 12:45	01-07-2019 13:05
DP-1 (4')	9A07012-09	Soil	01/02/19 12:58	01-07-2019 13:05
DP-1 (6')	9A07012-10	Soil	01/02/19 13:07	01-07-2019 13:05
DP-1 (8')	9A07012-11	Soil	01/02/19 13:16	01-07-2019 13:05
DP-1 (10')	9A07012-12	Soil	01/02/19 13:26	01-07-2019 13:05
DP-1 (12')	9A07012-13	Soil	01/02/19 13:39	01-07-2019 13:05
DP-1 (14')	9A07012-14	Soil	01/02/19 14:07	01-07-2019 13:05
DP-3 (3')	9A07012-15	Soil	01/02/19 12:03	01-07-2019 13:05
DP-3 (6')	9A07012-16	Soil	01/02/19 10:01	01-07-2019 13:05
DP-3 (10')	9A07012-17	Soil	01/02/19 10:11	01-07-2019 13:05
DP-3 (14')	9A07012-18	Soil	01/02/19 10:29	01-07-2019 13:05
DP-3 (18')	9A07012-19	Soil	01/02/19 10:51	01-07-2019 13:05
DP-3 (20')	9A07012-20	Soil	01/02/19 11:03	01-07-2019 13:05
DP-3 (23')	9A07012-21	Soil	01/02/19 11:45	01-07-2019 13:05
DP-4 (10')	9A07012-22	Soil	01/02/19 12:23	01-07-2019 13:05
DP-4 (14')	9A07012-23	Soil	01/02/19 12:37	01-07-2019 13:05
DP-4 (18')	9A07012-24	Soil	01/02/19 12:57	01-07-2019 13:05
DP-4 (20')	9A07012-25	Soil	01/02/19 13:25	01-07-2019 13:05
DP-4 (23')	9A07012-26	Soil	01/02/19 13:40	01-07-2019 13:05
DP-5 (10')	9A07012-27	Soil	01/02/19 13:57	01-07-2019 13:05

Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (2')

9A07012-01 (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	**6530**	27.8	mg/kg dry	25	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (4')

9A07012-02 (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	**2610**	10.3	mg/kg dry	10	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (6')

9A07012-03 (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	**2640**	10.5	mg/kg dry	10	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (8')

9A07012-04 (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	**1300**	5.32	mg/kg dry	5	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-8 (10')

9A07012-05 (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	**108**	1.09	mg/kg dry	1	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (2')

9A07012-08 (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	**2490**	10.3	mg/kg dry	10	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (4')

9A07012-09 (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	**3670**	10.4	mg/kg dry	10	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (6')

9A07012-10 (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	**9100**	56.2	mg/kg dry	50	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-1 (8')

9A07012-11 (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	**6310**	27.2	mg/kg dry	25	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-1 (10')

9A07012-12 (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	**6630**	27.2	mg/kg dry	25	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-1 (12')

9A07012-13 (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	**5420**	26.9	mg/kg dry	25	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-1 (14')

9A07012-14 (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	**6.44**	1.02	mg/kg dry	1	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-3 (3')

9A07012-15 (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	**610**	1.04	mg/kg dry	1	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-3 (6')

9A07012-16 (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	**2980**	10.3	mg/kg dry	10	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-3 (10')

9A07012-17 (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	**4670**	26.6	mg/kg dry	25	P9A1005	01/10/19	01/10/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-3 (14')

9A07012-18 (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	**10600**	57.5	mg/kg dry	50	P9A1005	01/10/19	01/11/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-3 (18')

9A07012-19 (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	**5340**	28.7	mg/kg dry	25	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-3 (20')

9A07012-20 (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	**2640**	10.5	mg/kg dry	10	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-3 (23')

9A07012-21 (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	**20.3**	1.00	mg/kg dry	1	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	ND	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-4 (10')

9A07012-22 (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	**7210**	26.9	mg/kg dry	25	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-4 (14')

9A07012-23 (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	**9510**	54.9	mg/kg dry	50	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-4 (18')

9A07012-24 (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	**7450**	29.1	mg/kg dry	25	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-4 (20')

9A07012-25 (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	**1690**	5.56	mg/kg dry	5	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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DP-4 (23')

9A07012-26 (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	**204**	1.04	mg/kg dry	1	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710	Project Manager: Mark Larson	

DP-5 (10')

9A07012-27 (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	**26.4**	1.05	mg/kg dry	1	P9A1006	01/10/19	01/11/19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P9A0802	01/08/19	01/08/19	ASTM D2216	

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Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9A0802 - * DEFAULT PREP *** **										
Blank (P9A0802-BLK1)				Prepared & Analyzed: 01/08/19						
% Moisture	ND	0.1	%							
Duplicate (P9A0802-DUP1)		**Source: 9A07008-06**		Prepared & Analyzed: 01/08/19						
% Moisture	11.0	0.1	%		10.0			9.52	20	
Duplicate (P9A0802-DUP2)		**Source: 9A07010-10**		Prepared & Analyzed: 01/08/19						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P9A0802-DUP3)		**Source: 9A07012-06**		Prepared & Analyzed: 01/08/19						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P9A0802-DUP4)		**Source: 9A07013-02**		Prepared & Analyzed: 01/08/19						
% Moisture	8.0	0.1	%		9.0			11.8	20	
Duplicate (P9A0802-DUP5)		**Source: 9A07014-03**		Prepared & Analyzed: 01/08/19						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Batch P9A1005 - * DEFAULT PREP *** **										
Blank (P9A1005-BLK1)				Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9A1005-BS1)				Prepared & Analyzed: 01/10/19						
Chloride	364	1.00	mg/kg wet	400		90.9	80-120			
LCS Dup (P9A1005-BSD1)				Prepared & Analyzed: 01/10/19						
Chloride	369	1.00	mg/kg wet	400		92.3	80-120	1.53	20	

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Project Number: 18-0138-04
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 P9A1005 - * DEFAULT PREP *** **										
Duplicate (P9A1005-DUP1)	**Source: 9A07010-04**			Prepared & Analyzed: 01/10/19						
Chloride	7270	28.7	mg/kg dry		6980			4.11	20	
Duplicate (P9A1005-DUP2)	**Source: 9A07012-09**			Prepared & Analyzed: 01/10/19						
Chloride	3650	10.4	mg/kg dry		3670			0.552	20	
Matrix Spike (P9A1005-MS1)	**Source: 9A07010-04**			Prepared & Analyzed: 01/10/19						
Chloride	9640	28.7	mg/kg dry	2870	6980	92.4	80-120			
Batch P9A1006 - * DEFAULT PREP *** **										
Blank (P9A1006-BLK1)				Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9A1006-BS1)				Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	376	1.00	mg/kg wet	400		94.1	80-120			
LCS Dup (P9A1006-BSD1)				Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	375	1.00	mg/kg wet	400		93.9	80-120	0.234	20	
Duplicate (P9A1006-DUP1)	**Source: 9A10002-01**			Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	472	5.32	mg/kg dry		445			6.05	20	
Duplicate (P9A1006-DUP2)	**Source: 9A07012-25**			Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	1670	5.56	mg/kg dry		1690			1.54	20	
Matrix Spike (P9A1006-MS1)	**Source: 9A10002-01**			Prepared: 01/10/19 Analyzed: 01/11/19						
Chloride	1430	5.32	mg/kg dry	1060	445	92.6	80-120			

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P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

Notes and Definitions

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: 1/15/2019

Brent Barron, Laboratory Director/Technical Director

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Nº 0549

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 01/07/19 PAGE 1 OF 2

PO#: LAB WORK ORDER#: 9A07012

PROJECT LOCATION OR NAME: Spill West of Marathon

LAI PROJECT #: 18-0138-04 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

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 ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐ | TX 1005

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
DP-8 (2')	1	01/02/19	10:26	S	1				X		X	Test for chloride until delineation limit is reached (600 mg/kg)
(4')	2		10:34									
(6')	3		10:42									
(8')	4		10:50									
(10')	5		10:58									
(12')	6		11:26									
(14')	7		12:04									
DP-1 (2')	8		12:45									
(4')	9		12:58									
(6')	10		13:07									
(8')	11		13:16									
(10')	12		13:26									
(12')	13		13:39									
(14')	14		14:07									
TOTAL												

RELINQUISHED BY:(Signature) Thu Olsen DATE/TIME 1/7/19 13:05 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1/7/19 1305 RECEIVED BY: (Signature) Russ Haddock

LABORATORY: PDEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -2.9 -1.9 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 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 ~~01~~ 01/07/2019 PAGE 2 OF 2

PO#: LAB WORK ORDER#: 19A07012

PROJECT LOCATION OR NAME: Spill West of Marathon Rd

LAI PROJECT #: 18-038-04 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 ☐	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 ☐	300	FIELD NOTES
DP-3 (3')	15	01/04/19	12:03	S	1				X		X																			X	Test for chloride until delineation limit is achieved (6000 mg/Kg)
(6')	16		10:01																												
(10')	17		10:11																												
(14')	18		10:29																												
(18')	19		10:51																												
(20')	20		11:03																												
(23')	21		11:45																												
DP-4 (10')	22		12:23																												
(14')	23		12:37																												
(18')	24		12:57																												
(20')	25		13:25																												
(23')	26		13:40																												
DP-5 (10')	27		13:57																												
(14')	28		14:10																												
(18')	29		14:26																												
TOTAL																															

RELINQUISHED BY:(Signature) Alan Olsen DATE/TIME 1/7/19 13:05 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 1/7/19 1305 RECEIVED BY: (Signature) Maggie Haddock

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -1.9 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

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№ 0551

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 01/07/19 PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: 9A07012

PROJECT LOCATION OR NAME: Spill West of Marathon Pad

LAI PROJECT #: 18-013B-64 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: Chlorides (A4500)	FIELD NOTES
DP-5(20')	30	01/04/19	14:44	S	1				X		X	Test for chloride until delineation limit is achieved
(23')	31	01/04/19	14:57	S	1				X		X	
TOTAL												

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 ☐ (A4500)

RELINQUISHED BY: (Signature) A Thuesen	DATE/TIME 1/7/19 13:05	RECEIVED BY: (Signature)	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)	
RELINQUISHED BY: (Signature)	DATE/TIME 1/7/19 1305	RECEIVED BY: (Signature) Mason Haddock	
LABORATORY: PBEL			

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: -2.9 -1.9 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

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: Spill West of Marathon Road
Project Number: 18-0138-04
Location:

Lab Order Number: 9B08005

NELAP/TCEQ # T104704516-18-9

Report Date: 02/13/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DP-3.1 (8')	9B08005-01	Soil	02/07/19 15:03	02-08-2019 09:15
DP-3.2 (8')	9B08005-02	Soil	02/07/19 15:05	02-08-2019 09:15
DP-3.3 (8')	9B08005-03	Soil	02/07/19 15:10	02-08-2019 09:15
DP-3.4 (8')	9B08005-04	Soil	02/07/19 15:14	02-08-2019 09:15
DP-3.5 (16')	9B08005-05	Soil	02/07/19 15:17	02-08-2019 09:15

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

DP-3.1 (8')

9B08005-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0206	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Toluene	ND	0.0206	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Ethylbenzene	ND	0.0206	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (p/m)	ND	0.0412	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (o)	ND	0.0206	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.1 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.6 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4190**	10.3	mg/kg dry	10	P9B1211	02/12/19	02/13/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9B1113	02/11/19	02/11/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C12-C28	**79.2**	25.8	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C28-C35	**37.6**	25.8	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*125 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**117**	25.8	mg/kg dry	1	[CALC]	02/08/19	02/08/19	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.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.2 (8')

9B08005-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0211	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Toluene	ND	0.0211	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Ethylbenzene	ND	0.0211	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (p/m)	ND	0.0421	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (o)	ND	0.0211	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.2 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.4 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5020**	26.3	mg/kg dry	25	P9B1211	02/12/19	02/13/19	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P9B1113	02/11/19	02/11/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	02/08/19	02/08/19	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.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.3 (8')

9B08005-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0222	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Toluene	ND	0.0222	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Ethylbenzene	ND	0.0222	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (p/m)	ND	0.0444	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (o)	ND	0.0222	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*96.0 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9600**	55.6	mg/kg dry	50	P9B1211	02/12/19	02/13/19	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P9B1113	02/11/19	02/11/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	02/08/19	02/08/19	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.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.4 (8')

9B08005-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.0217	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Toluene	ND	0.0217	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Ethylbenzene	ND	0.0217	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (p/m)	ND	0.0435	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (o)	ND	0.0217	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.0 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3990**	10.9	mg/kg dry	10	P9B1211	02/12/19	02/13/19	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P9B1113	02/11/19	02/11/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C12-C28	**258**	27.2	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C28-C35	**49.9**	27.2	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*121 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*131 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	*S-GC*
Total Petroleum Hydrocarbon C6-C35	**308**	27.2	mg/kg dry	1	[CALC]	02/08/19	02/08/19	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.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

DP-3.5 (16')

9B08005-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.0215	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Toluene	ND	0.0215	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Ethylbenzene	ND	0.0215	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (p/m)	ND	0.0430	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Xylene (o)	ND	0.0215	mg/kg dry	20	P9B1104	02/08/19	02/09/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*95.2 %*	*75-125*		*P9B1104*	*02/08/19*	*02/09/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**4980**	26.9	mg/kg dry	25	P9B1211	02/12/19	02/13/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9B1113	02/11/19	02/11/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P9B1101	02/08/19	02/08/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P9B1101*	*02/08/19*	*02/08/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	02/08/19	02/08/19	calc	

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9B1104 - General Preparation (GC)										
Blank (P9B1104-BLK1)				Prepared & Analyzed: 02/08/19						
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	*0.0557*		"	*0.0600*		*92.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0584*		"	*0.0600*		*97.4*	*75-125*			
LCS (P9B1104-BS1)				Prepared & Analyzed: 02/08/19						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130			
Toluene	0.0980	0.00100	"	0.100		98.0	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.172	0.00200	"	0.200		86.0	70-130			
Xylene (o)	0.107	0.00100	"	0.100		107	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0558*		"	*0.0600*		*93.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0651*		"	*0.0600*		*109*	*75-125*			
LCS Dup (P9B1104-BSD1)				Prepared & Analyzed: 02/08/19						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130	5.67	20	
Toluene	0.106	0.00100	"	0.100		106	70-130	7.50	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130	4.34	20	
Xylene (p/m)	0.182	0.00200	"	0.200		91.2	70-130	5.82	20	
Xylene (o)	0.115	0.00100	"	0.100		115	70-130	6.72	20	
Surrogate: 4-Bromofluorobenzene	*0.0588*		"	*0.0600*		*97.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0718*		"	*0.0600*		*120*	*75-125*			
Matrix Spike (P9B1104-MS1)	**Source: 9B08005-05**			Prepared: 02/08/19 Analyzed: 02/09/19						
Benzene	2.63	0.0215	mg/kg dry	0.108	ND	NR	80-120			QM-05
Toluene	2.60	0.0215	"	0.108	ND	NR	80-120			QM-05
Ethylbenzene	3.02	0.0215	"	0.108	ND	NR	80-120			QM-05
Xylene (p/m)	4.39	0.0430	"	0.215	ND	NR	80-120			QM-05
Xylene (o)	2.60	0.0215	"	0.108	ND	NR	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.0786*		"	*0.0645*		*122*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0646*		"	*0.0645*		*100*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9B1104 - General Preparation (GC)										
Matrix Spike Dup (P9B1104-MSD1)		**Source: 9B08005-05**		Prepared: 02/08/19 Analyzed: 02/09/19						
Benzene	2.68	0.0215	mg/kg dry	0.108	ND	NR	80-120	1.72	20	QM-05
Toluene	2.66	0.0215	"	0.108	ND	NR	80-120	2.30	20	QM-05
Ethylbenzene	3.06	0.0215	"	0.108	ND	NR	80-120	1.24	20	QM-05
Xylene (p/m)	4.51	0.0430	"	0.215	ND	NR	80-120	2.73	20	QM-05
Xylene (o)	2.80	0.0215	"	0.108	ND	NR	80-120	7.38	20	QM-05
Surrogate: 1,4-Difluorobenzene	*0.0822*		*"*	*0.0645*		*127*	*75-125*			*S-GC*
Surrogate: 4-Bromofluorobenzene	*0.0632*		*"*	*0.0645*		*98.0*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9B1113 - * DEFAULT PREP *** **										
Blank (P9B1113-BLK1)				Prepared & Analyzed: 02/11/19						
% Moisture	ND	0.1	%							
Duplicate (P9B1113-DUP1)		**Source: 9B08003-26**		Prepared & Analyzed: 02/11/19						
% Moisture	12.0	0.1	%		11.0			8.70	20	
Duplicate (P9B1113-DUP2)		**Source: 9B08008-01**		Prepared & Analyzed: 02/11/19						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Batch P9B1211 - * DEFAULT PREP *** **										
Blank (P9B1211-BLK1)				Prepared: 02/12/19 Analyzed: 02/13/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9B1211-BS1)				Prepared: 02/12/19 Analyzed: 02/13/19						
Chloride	406	1.00	mg/kg wet	400		101	80-120			
LCS Dup (P9B1211-BSD1)				Prepared: 02/12/19 Analyzed: 02/13/19						
Chloride	404	1.00	mg/kg wet	400		101	80-120	0.353	20	
Duplicate (P9B1211-DUP1)		**Source: 9B08003-39**		Prepared: 02/12/19 Analyzed: 02/13/19						
Chloride	344	1.06	mg/kg dry		402			15.5	20	
Duplicate (P9B1211-DUP2)		**Source: 9B11003-02**		Prepared: 02/12/19 Analyzed: 02/13/19						
Chloride	300	1.20	mg/kg dry		259			14.8	20	
Matrix Spike (P9B1211-MS1)		**Source: 9B08003-39**		Prepared: 02/12/19 Analyzed: 02/13/19						
Chloride	786	1.06	mg/kg dry	532	402	72.2	80-120			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9B1101 - General Preparation (GC)										
Blank (P9B1101-BLK1)				Prepared & Analyzed: 02/08/19						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*64.4*		*"*	*50.0*		*129*	*70-130*			
LCS (P9B1101-BS1)				Prepared & Analyzed: 02/08/19						
C6-C12	1180	25.0	mg/kg wet	1000		118	75-125			
>C12-C28	1010	25.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*56.7*		*"*	*50.0*		*113*	*70-130*			
LCS Dup (P9B1101-BSD1)				Prepared & Analyzed: 02/08/19						
C6-C12	1190	25.0	mg/kg wet	1000		119	75-125	0.585	20	
>C12-C28	1030	25.0	"	1000		103	75-125	1.64	20	
Surrogate: 1-Chlorooctane	*128*		*"*	*100*		*128*	*70-130*			
Surrogate: o-Terphenyl	*57.0*		*"*	*50.0*		*114*	*70-130*			
Duplicate (P9B1101-DUP1)	**Source: 9B08008-01**			Prepared & Analyzed: 02/08/19						
C6-C12	30.5	26.3	mg/kg dry		30.3			0.727	20	
>C12-C28	336	26.3	"		319			5.14	20	
Surrogate: 1-Chlorooctane	*139*		*"*	*137*		*102*	*70-130*			
Surrogate: o-Terphenyl	*74.6*		*"*	*68.4*		*109*	*70-130*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
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: 2/13/2019

Brent Barron, Laboratory Director/Technical Director

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Page 345 of 398

Nº 0561

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 200
Midland, TX 79701
432-687-0901

DATE: 2/8/19 PAGE 1 OF 1

PO#: LAB WORK ORDER#: 9B08005

PROJECT LOCATION OR NAME: Spill West of Marathon Road

LAI PROJECT #: 18-0138-04 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

9B08005

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 ☐	8082 PCBS ☐	8151 HERBICIDES ☐	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 ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☒	ANIONS ☐	ALKALINITY ☐	300.0	FIELD NOTES
DP-3.1 (8')	-01	02/7/19	15:03	S	1				X		X				X	X	X																											X			
DP-3.2 (8')	-02	"	15:05	"	"				"		"				"	"	"																											"			
DP-3.3 (8')	-03	"	15:10	"	"				"		"				"	"	"																											"			
DP-3.4 (8')	-04	"	15:14	"	"				"		"				"	"	"																											"			
DP-3.5 (16')	-05	"	15:17	"	"				"		"				"	"	"																											"			
TOTAL				5																																											

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 2/8/19 9:15 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 2/8/19 9:15 RECEIVED BY: (Signature)

LABORATORY: DBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY: CF1
RECEIVING TEMP: 3.7/4.7 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

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: Spill West of Marathon Road
Project Number: 18-0138-04
Location:

Lab Order Number: 9C18010

NELAP/TCEQ # T104704516-18-9

Report Date: 03/26/19

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-1 (1')	9C18010-01	Soil	03/13/19 15:47	03-18-2019 09:43
HA-1 (2')	9C18010-02	Soil	03/13/19 15:50	03-18-2019 09:43
HA-1 (3')	9C18010-03	Soil	03/13/19 15:55	03-18-2019 09:43
HA-2 (1')	9C18010-04	Soil	03/13/19 16:00	03-18-2019 09:43
HA-2 (2')	9C18010-05	Soil	03/13/19 16:02	03-18-2019 09:43
HA-2 (3')	9C18010-06	Soil	03/13/19 16:06	03-18-2019 09:43
HA-3 (1')	9C18010-07	Soil	03/13/19 16:08	03-18-2019 09:43
HA-3 (2')	9C18010-08	Soil	03/13/19 16:10	03-18-2019 09:43
HA-3 (3')	9C18010-09	Soil	03/13/19 16:11	03-18-2019 09:43

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
Project Manager: Mark Larson

Fax: (432) 687-0456

HA-1 (1')

9C18010-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00108	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.0 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.42**	1.08	mg/kg dry	1	P9C2102	03/21/19	03/21/19	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/19/19	03/20/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-1 (2')

9C18010-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*82.8 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.90**	1.06	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/19/19	03/19/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-1 (3')

9C18010-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.4 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.04	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/19/19	03/19/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-2 (1')

9C18010-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00102	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: 4-Bromofluorobenzene		*112 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*80.2 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1650**	5.10	mg/kg dry	5	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	03/19/19	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/19/19	03/19/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-2 (2')

9C18010-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00105	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: 1,4-Difluorobenzene		*87.5 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*108 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3810**	10.5	mg/kg dry	10	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	03/19/19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.1 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/19/19	03/19/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-2 (3')

9C18010-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*85.9 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2570**	10.3	mg/kg dry	10	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/19/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P9C1903*	*03/19/19*	*03/19/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/19/19	03/19/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-3 (1')

9C18010-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*90.0 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.03	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*123 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/19/19	03/20/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-3 (2')

9C18010-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	**0.00186**	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*83.8 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	ND	1.03	mg/kg dry	1	P9C2201	03/22/19	03/26/19	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*129 %*	*70-130*		*P9C1903*	*03/19/19*	*03/20/19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/19/19	03/20/19	calc	

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Larson & Associates, Inc.	Project: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
Midland TX, 79710	Project Manager: Mark Larson	

HA-3 (3')

9C18010-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00112	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P9C2304	03/23/19	03/23/19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.0 %*	*75-125*		*P9C2304*	*03/23/19*	*03/23/19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1.96**	1.12	mg/kg dry	1	P9C2201	03/22/19	03/22/19	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P9C1901	03/19/19	03/19/19	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P9C1903	03/19/19	03/20/19	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.0 %*	*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	28.1	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: Spill West of Marathon Road
Project Number: 18-0138-04
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: 1,4-Difluorobenzene	*0.0499*		*"*	*0.0600*		*83.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0627*		*"*	*0.0600*		*105*	*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: 4-Bromofluorobenzene	*0.0532*		*"*	*0.0600*		*88.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0611*		*"*	*0.0600*		*102*	*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: 4-Bromofluorobenzene	*0.0578*		*"*	*0.0600*		*96.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0489*		*"*	*0.0600*		*81.4*	*75-125*			

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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: 4-Bromofluorobenzene	*0.0653*		*"*	*0.0600*		*109*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.0522*		*"*	*0.0600*		*87.0*	*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*			

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: Spill West of Marathon Road
Project Number: 18-0138-04
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: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9C2102 - * DEFAULT PREP *** **										
Blank (P9C2102-BLK1)				Prepared & Analyzed: 03/21/19						
Chloride	ND	1.00	mg/kg wet							
LCS (P9C2102-BS1)				Prepared & Analyzed: 03/21/19						
Chloride	397	1.00	mg/kg wet	400		99.4	80-120			
LCS Dup (P9C2102-BSD1)				Prepared & Analyzed: 03/21/19						
Chloride	406	1.00	mg/kg wet	400		102	80-120	2.24	20	
Duplicate (P9C2102-DUP1)		**Source: 9C15003-04**		Prepared & Analyzed: 03/21/19						
Chloride	6160	28.7	mg/kg dry		5970			3.25	20	
Matrix Spike (P9C2102-MS1)		**Source: 9C15003-04**		Prepared & Analyzed: 03/21/19						
Chloride	9180	28.7	mg/kg dry	2870	5970	112	80-120			
Batch P9C2201 - * DEFAULT PREP *** **										
Blank (P9C2201-BLK1)				Prepared: 03/22/19 Analyzed: 03/24/19						
Chloride	ND	1.00	mg/kg wet							

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Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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 P9C2201 - * DEFAULT PREP *** **										
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: Spill West of Marathon Road
Project Number: 18-0138-04
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.
P.O. Box 50685
Midland TX, 79710

Project: Spill West of Marathon Road
Project Number: 18-0138-04
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										
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: Spill West of Marathon Road	Fax: (432) 687-0456
P.O. Box 50685	Project Number: 18-0138-04	
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

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Page 365 of 398

Nº 0425

CHAIN-OF-CUSTODY

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#:

PROJECT LOCATION OR NAME: Spill west of Marathon Rd

LAI PROJECT #: 18-0138-04 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	FIELD NOTES
HA-1 (1')		3/13/19	15:47	S	1				X		BTEX X MTBE ☐ TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 X 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 X ANIONS ☐ ALKALINITY ☐ M300	
HA-1 (2')			15:50									
HA-1 (3')			15:55									
HA-2 (1')			16:00									
HA-2 (2')			16:02									
HA-2 (3')			16:06									
HA-3 (1')			16:08									
HA-3 (2')			16:10									
HA-3 (3')			16:11									
TOTAL					9							

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

1. [signature] 3/18/19 9:30
2. Teresa Bledsoe 3/18/19 9:43 — Teresa Bledsoe 3/18/19 9:43 AM
3. RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6 FH 3.6 THERM#: L2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 5/11/2026 2:38:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

Appendix C

Photographs



Spill Area Viewing Southwest, November 12, 2018



Spill Area Viewing Southeast, November 12, 2018



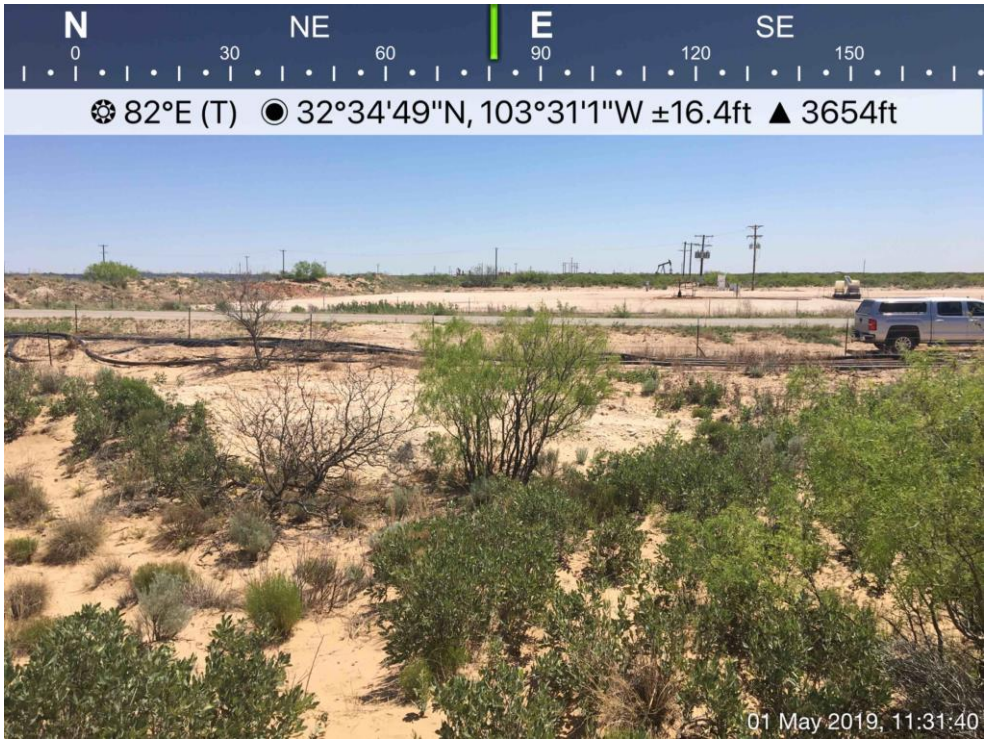
Spill Area Viewing East, November 12, 2018



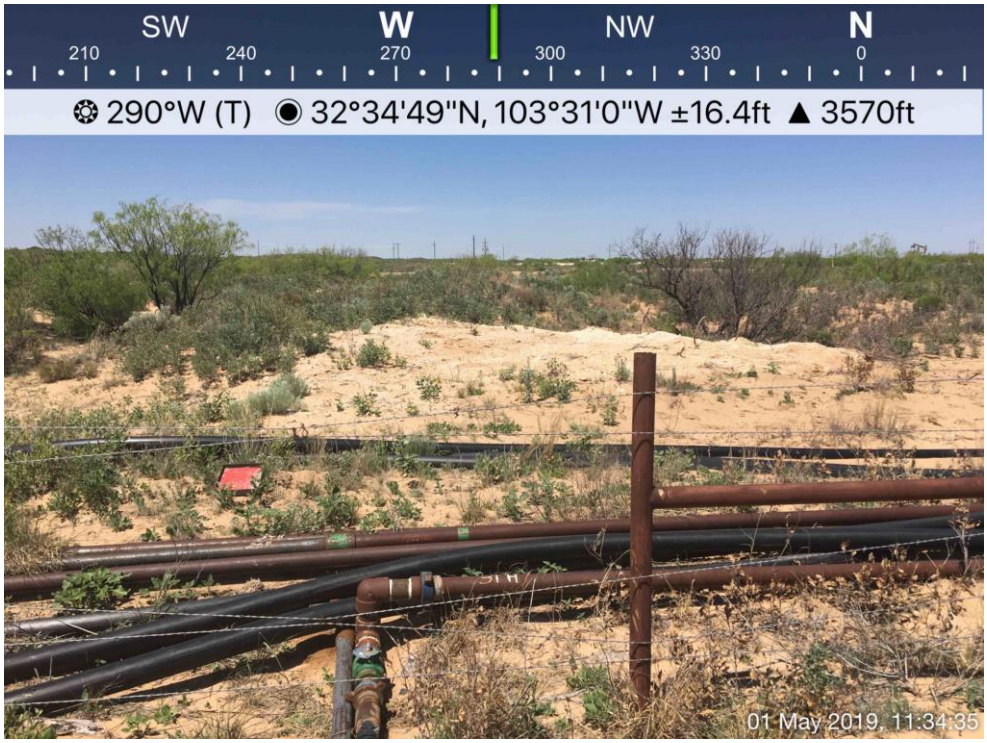
Spill Area Viewing North, November 12, 2018



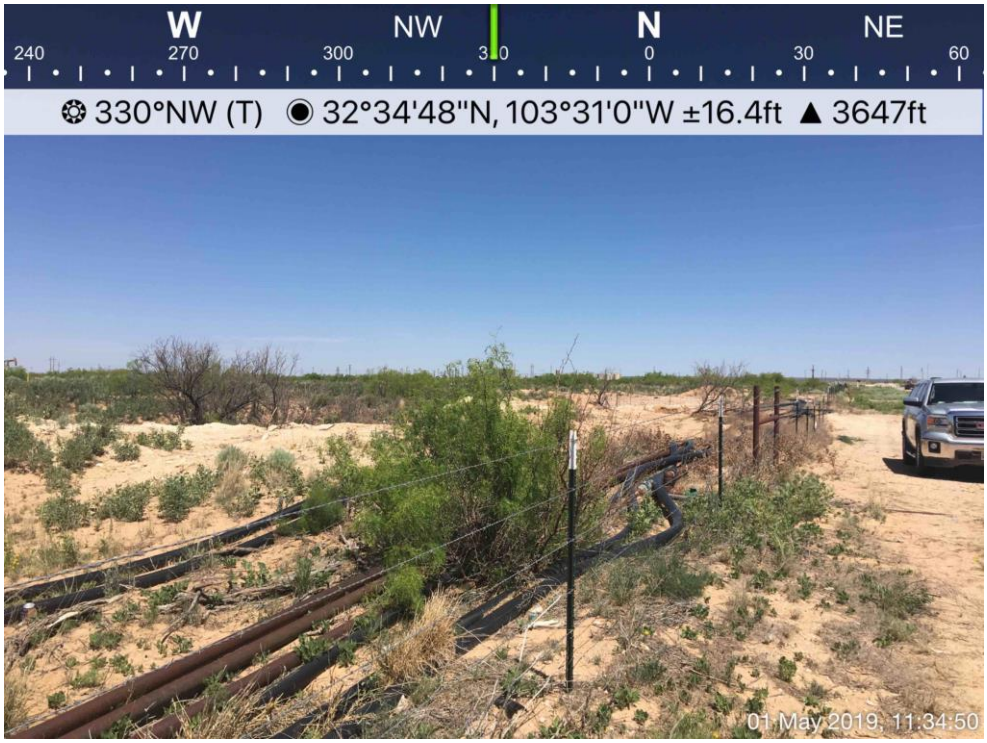
Excavation Area Viewing Southwest, February 7, 2019



Spill Area Viewing East, May 01, 2019



Spill Area Viewing West, May 01, 2019



Spill Area Viewing North, May 01, 2019



Spill Area Viewing South, May 01, 2019

Appendix D

Waste Manifests

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979739
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	JR TRUCKING	Well #:	31H
Driver	JESUS	Field:	
Truck #	02	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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			1.00			

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 #:	700-979811
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	JESUS	Field:	
Truck #	02	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)		10.00 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 #:	700-979772
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	JESUS	Field:	
Truck #	02	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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 #:	700-979840
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	JESUS	Field:	
Truck #	02	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 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 #:	700-979735
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	MARTIN	Field:	
Truck #	01	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 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 #:	700-979761
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	MARTIN	Field:	
Truck #	01	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 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**

_____ _____

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R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979802
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	MARTIN	Field:	
Truck #	01	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 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 #:	700-979702
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	MARTIN	Field:	
Truck #	0	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 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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R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979705
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNNGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	SUPERIOR OILFIELD SERVICE	Well #:	31H
Driver	JESUS	Field:	
Truck #	1002	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 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

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Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979833
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	J & R TRANSPORT	Well #:	31H
Driver	MARTIN	Field:	
Truck #	01	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	12.00 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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R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979755
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	RDR EAGLE TRUCKING	Well #:	31H
Driver	JUAN	Field:	
Truck #	1295	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**

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R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979851
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNINGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERATI
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	RDR EAGLE TRUCKING	Well #:	31H
Driver	JUAN	Field:	
Truck #	1295	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						

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Driver/ Agent Signature **R360 Representative Signature**

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R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	LEGACY RESERVES OPERATI	Ticket #:	700-979786
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIA CUNNIGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	RDR EAGLE TRUCKING	Well #:	31H
Driver	JUAN	Field:	
Truck #	1295	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						

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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 #:	700-979821
Customer #:	CRI3660	Bid #:	O6UJ9A000D7Y
Ordered by:	BRIAN CUNNIGHAM	Date:	2/7/2019
AFE #:		Generator:	LEGACY RESERVES OPERAT
PO #:		Generator #:	
Manifest #:	NA	Well Ser. #:	40699
Manif. Date:	2/7/2019	Well Name:	LEA UNIT
Hauler:	RDR EAGLE TRUCKING	Well #:	31H
Driver	JUAN	Field:	
Truck #	1295	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						

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Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

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Approved By: _____ Date: _____

Appendix E

Signed Landowner Letter

Page 388 of 398

Associates, Inc.
Environmental Consultants

May 22, 2019

VIA EMAIL: Kenneth Smith

Mr. Kenneth Smith
267 Smith Ranch Rd
Hobbs, New Mexico 88240

RE: Remediation Proposal- Spill West of Marathon Road (1RP-5277), Lea County, New Mexico

Dear Mr. Smith,

Larson & Associates, Inc. (LAI), on behalf of Legacy Reserves, L.P., submits this letter to inform you of a produced water release referred to as "Spill West of Marathon Road" in Lea County, New Mexico. The spill occurred on November 12, 2018, as a result of ruptured flow line from the Lea Unit South Battery. Legacy recovered approximately 380 barrels (bbl) from the 2,200 bbl spill. The spill encroached onto your property.

LAI has fully delineated the spill and excavated soil to approximately sixteen (16) feet below ground surface (bgs) to remove soil with chloride concentrations above 10,000 mg/Kg. Chloride concentrations do exist above 600 mg/Kg in the upper four (4) feet of soil profile, however, it was noticed that new vegetation is emerging in this area. Legacy proposes to backfill the excavation with caliche to approximately four (4) feet bgs and with clean topsoil to surface with material acquired from your caliche pit located off Smith Ranch Road. The New Mexico Oil Conservation Division (OCD) requires that soil in the upper four (4) feet containing chloride greater than 600 mg/Kg to be restored however since vegetation is emerging in this area Legacy would rather allow the new vegetation to take hold and seed the area with a seed mix of your choice to augment the new vegetation. Legacy would like your approval of this approach rather than excavating additional soil to four (4) feet bgs, replacing with clean soil and seeding. The attached drawing shows the approximate area for the reseeding.

If you are in agreement with this approach please grant your approval by signing below and return a copy to Legacy. Please do not hesitate to call Heath Loftin with Legacy at (432) 698-2445 or email hloftin@legacyresrves.com or me if you have questions.

Sincerely,

Rachel Owen

Rachel Owen
Sr. Geoscientist
rowen@lacnvironmental.com

Encl.

507 North Marienfeld, Suite 205 ◆ Midland, Texas 79701 ◆ Ph. (432) 687-0901 ◆ Fax (432) 687-0456

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

Page 389 of 398

cc: Heath Loftin - Legacy
Brian Cunningham - Legacy
Mark Larson

Authorization to Proceed

AGREED TO, THIS 24 DAY OF June, 2019

BY (please print): Patsy Smith

TITLE: President

COMPANY: Kenneth Smith Inc

SIGNATURE: Patsy Smith

Received by OCD: 5/11/2026 2:33:29 PM

Released to Imaging: 6/16/2026 11:41:25 AM

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 583932

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nCH1835254557**
Incident Name	**NCH1835254557 SPILL WEST OF MARATHON ROAD @ FCH1835254172**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fCH1835254172] LEGACY SPILL WEST OF MARATHON ROAD**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SPILL WEST OF MARATHON ROAD
Date Release Discovered	11/12/2018
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 | Pipeline (Any) | Produced Water | Released: 2,200 BBL | Recovered: 380 BBL | Lost: 1,820 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.*

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: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	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: 05/11/2026

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 (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	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 51 and 75 (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	Between 1 and 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)	1190
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4450
GRO+DRO (EPA SW-846 Method 8015M)	4140
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	03/09/2026
On what date will (or did) the final sampling or liner inspection occur	03/12/2026
On what date will (or was) the remediation complete(d)	04/08/2026
What is the estimated surface area (in square feet) that will be reclaimed	5107
What is the estimated volume (in cubic yards) that will be reclaimed	300
What is the estimated surface area (in square feet) that will be remediated	2160
What is the estimated volume (in cubic yards) that will be remediated	300
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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	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: 05/11/2026
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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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	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

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**560584**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/17/2026**
What was the (estimated) number of samples that were to be gathered	**20**
What was the sampling surface area in square feet	**2200**

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	2160
What was the total volume (cubic yards) remediated	300
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	5107
What was the total volume (in cubic yards) reclaimed	300
Summarize any additional remediation activities not included by answers (above)	The entire area was remediated per NMAC 19.15.29.13 standards. Once remediation was completed, the remediation area along with the right-of-way where equipment traveled to and from the site was 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: 05/11/2026

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	5107
What was the total volume of replacement material (in cubic yards) for this site	300
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)	04/30/2026
Summarize any additional reclamation activities not included by answers (above)	The entire area was remediated per NMAC 19.15.29.13 standards. Once remediation was completed, the remediation area along with the right-of-way where equipment traveled to and from the site was reseeded.
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: 05/11/2026

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 583932
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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

Operator:	OGRID:
Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	215099
	Action Number: 583932
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	6/16/2026