Spill Calculation - On-Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated *Pool* Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	30	20	0.1	600.00	0.89	0.00	0.89		0.00	0.89
Rectangle B	225	375	0.0	84375.00	1.25	0.00	1.25		0.00	1.25
Rectangle C	230	380	0.0	87400.00	1.30	0.00	1.30		0.00	1.30
Rectangle D				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle J				0.00	0.00	0.00	0.00		0.00	0.00
Total Surface Pool Volume Released, Release to Soil/Caliche:							3.4384		0.0000	3.4384

CARMONA RESOURCES

SITE INFORMATION

Closure Report
Smalls Federal 8H (06.14.25)
Lea County, New Mexico
Unit N Sec 28 T22S R34E
nAPP2519630705
32.355442°, -103.475247°

Crude Oil Release
Point of Release: Equipment Corrosion
Release Date: 06/14/2025
Volume Released: 2 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES

Prepared for:
Concho Operating, LLC
600 W Illinois Ave
Midland, Texas 79701

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

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

CARMONA RESOURCES

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

CARMONA RESOURCES

September 8, 2025

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

Re: Closure Report
Samlls Federal 8H (06.14.25)
Incident ID: NAPP2519630705
Concho Operating, LLC
Site Location: Unit N, S28, T22S, R34E
(Lat 32.355442º, Long -103.475247º)
Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Smalls Federal 8H (06.14.25). The site is located at 32.355442, -103.475247 within Unit N, S28, T22S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 14, 2025, due to equipment failure. The incident released approximately two (2) barrels of crude oil with zero (0) barrels of produced water recovered. The impacted area is shown in Figure 3. The Notice of Release form is attached in Appendix C.

Compliance with the NMSLO CPP Rule was maintained throughout the entire work process. An archaeological survey was conducted over the entire area, and the findings were negative. The arch survey cover page can be found in Appendix F. After further review, the site did fall within a biologically sensitive area for the Lesser Prairie Chicken (LPC) Population. However, Carmona Resources determined that the surrounding areas are suitable habitat for the LPC, and remediation & reclamation activities would not affect the LPC population within this crucial area. Per the NMDGF (New Mexico Department of Game and Fish), '*any construction activities in proximity of leks during early morning lekking periods (3:00 AM – 9:00 AM'* will be avoided. That said, work activities did not commence until after 9:00 AM local time to comply with LPC management practices enforced by the NMDGF. See Appendix F for further details explained in the biological desktop review.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.60 miles East of the site in S34, T22S, R34E and was drilled in 2019. The well has a reported depth to groundwater of 305' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).

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

4.0 Site Assessment Activities

Initial Assessment

On July 11, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of eleven (11) sample points (S-1 through S-11) and nine (9) horizontal sample points (H-1 through H-9) were installed to total depths ranging from surface to 1' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. 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.

5.0 Remediation Activities

Carmona Resources personnel were on site to mark out the proposed excavation areas and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on August 13, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. A total of twenty-one (21) confirmation floor samples were collected (CS-1 and CS-21), and thirteen (13) sidewall samples (SW-1 through SW-13) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 for the analytical results.

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 150 cubic yards of material were excavated and transported off-site for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On August 23, 2025, the backfilled areas were seeded via tractor drill with a depth regulator with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. Approximately 4,200 square feet of area was reclaimed. The seed mixture used was the NMSLO Sandy Loam seed mixture. See Appendix F for the soil survey and map, and Figure 5 for the reclamation area.

Site inspections will assess the revegetation progress and evaluate the site for primary or secondary noxious weeds. If noxious weeds are identified, the NMSLO will be contacted promptly to determine an effective eradication method. If the site does not display signs of revegetation after one growing season, the area will be reseeded as deemed appropriate by the NMSLO.

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CARMONA RESOURCES

7.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. COG formally requests the closure of this incident. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-6823.

Sincerely,
Carmona Resources, LLC

Conner Moehring
Environmental Manager

Ivan Ramos
Sr. Project Manager

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Midland TX, 79701
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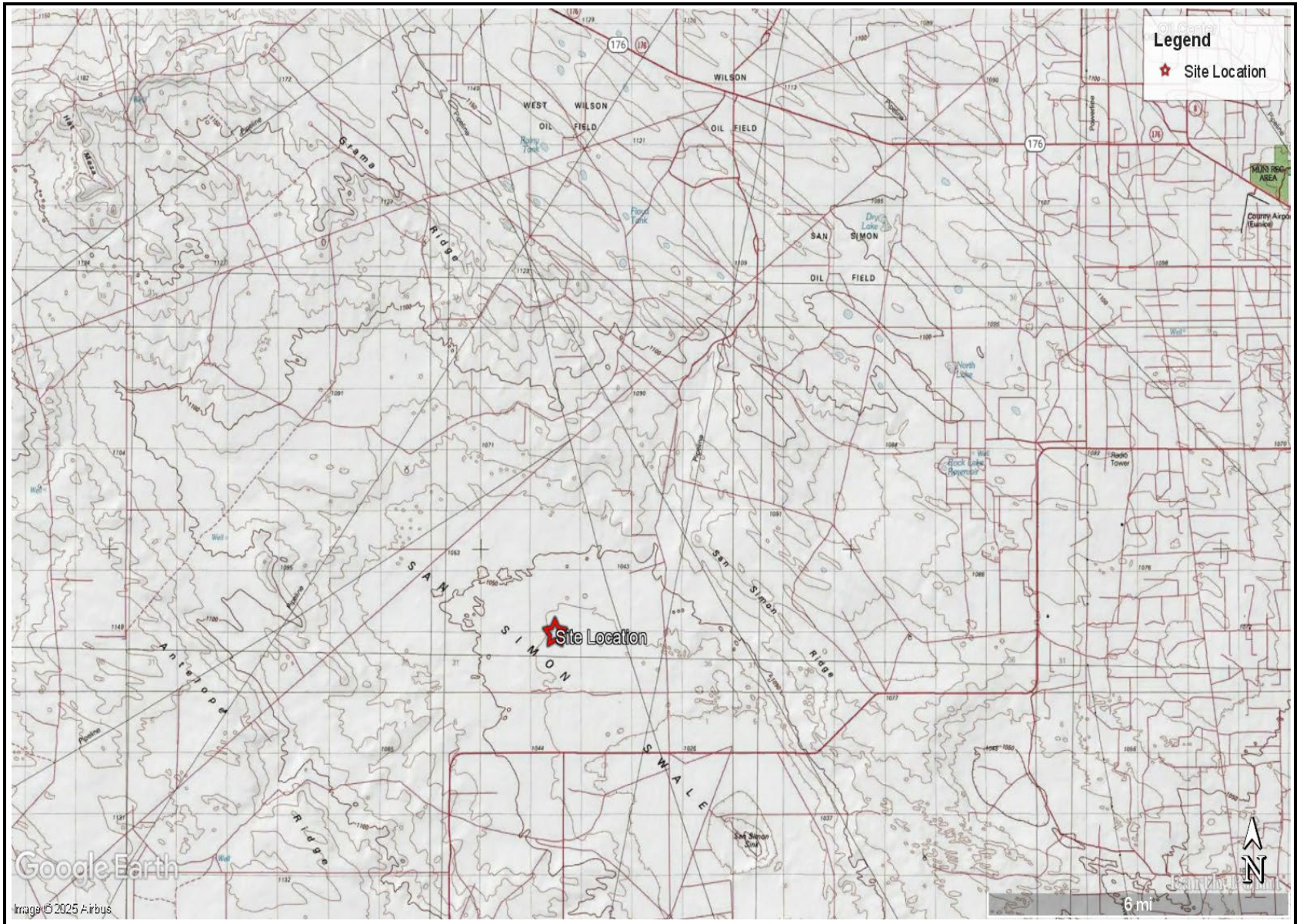
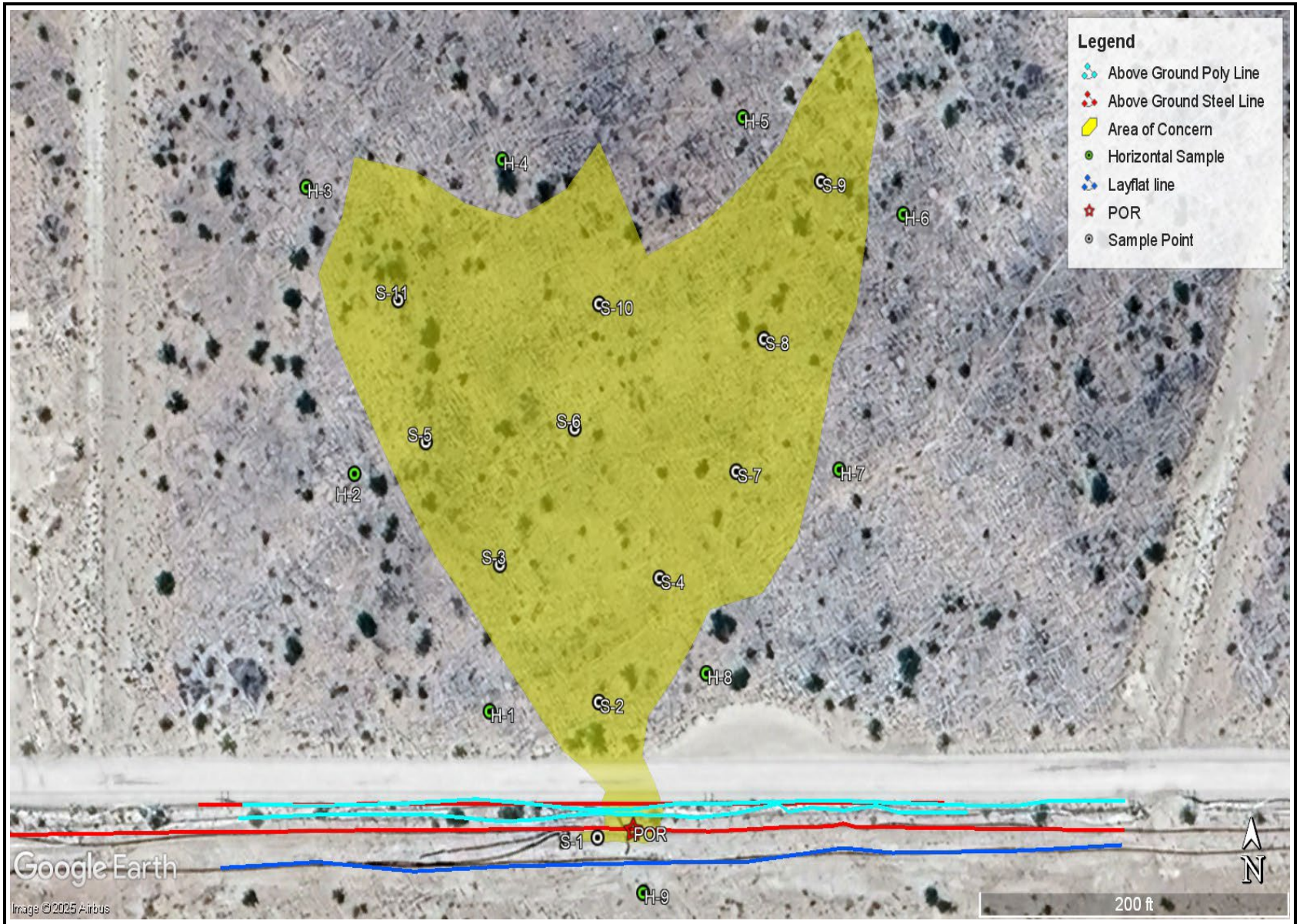
FIGURES

CARMONA RESOURCES

OVERVIEW MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 1

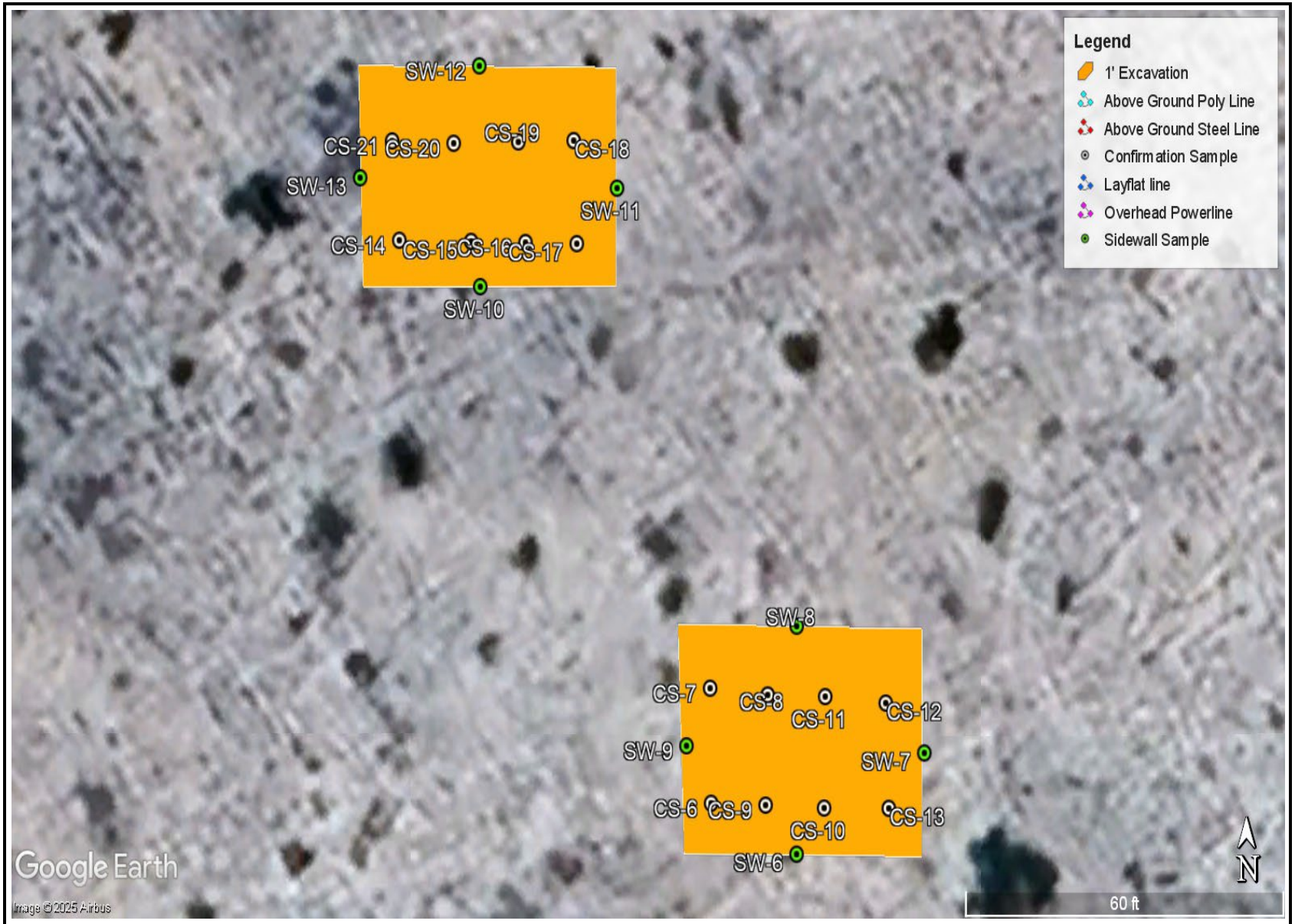


TOPOGRAPHIC MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 2



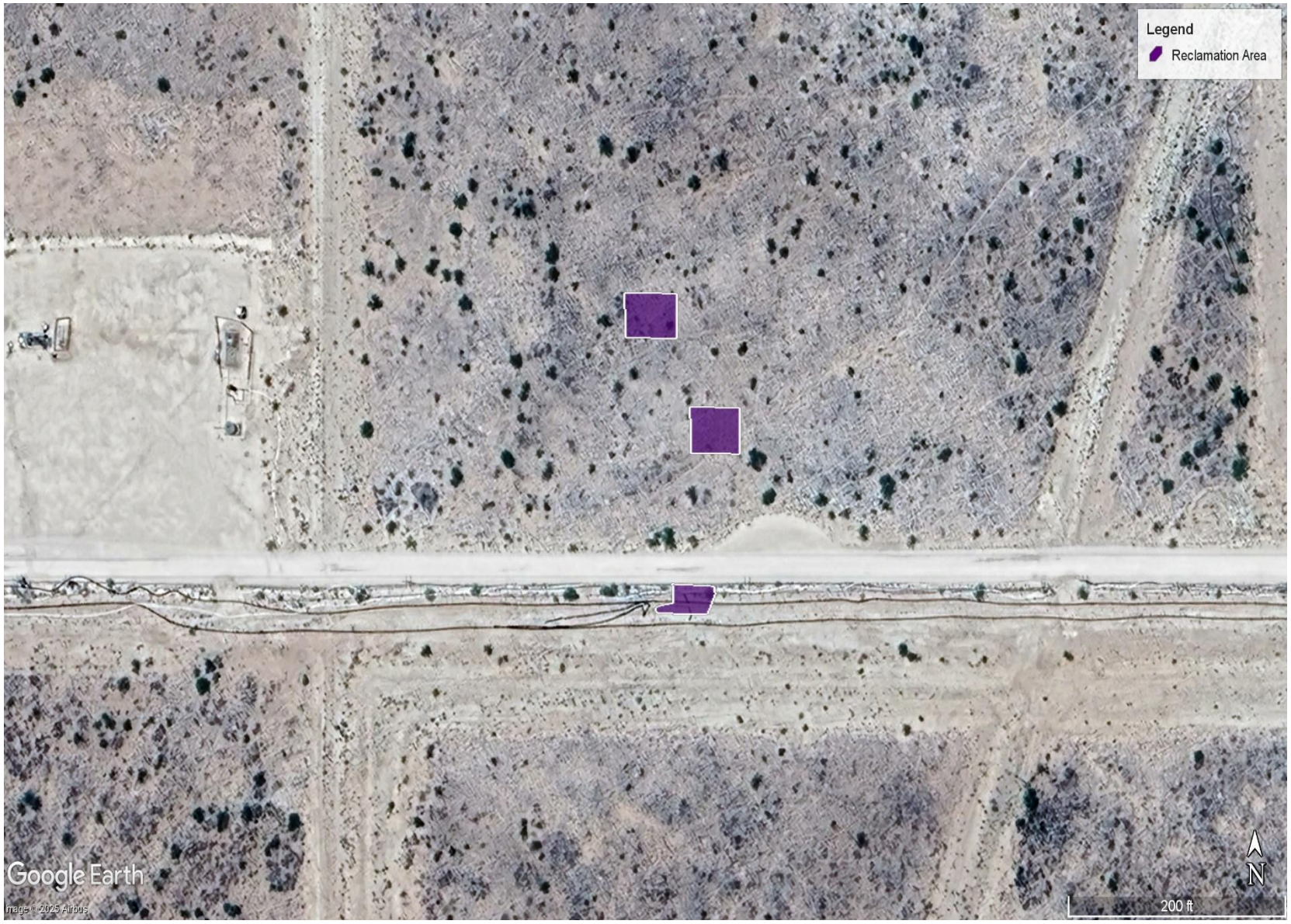
SAMPLE LOCATION MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 3

EXCAVATION OVERVIEW MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 4A



EXCAVATION MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 4B

EXCAVATION MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 4C



RECLAMATION MAP CONOCO PHILLIPS SMALLS FEDERAL (06.14.25) LEA COUNTY, NEW MEXICO 32.355442°, -103.45247°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

CARMONA RESOURCES

Table 1
ConocoPhillips
Smalls Federal 8H (06.14.25)
Lea County, New Mexico

Sample ID	Date	Depth (in)	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	7/11/2025	0-3	<49.9	**156**	<49.9	**156**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	133
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	144
	"	12	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	135
S-2	7/11/2025	0-3	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	111
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	131
	"	12	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	131
S-3	7/11/2025	0-3	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	76.4
	"	6	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
	"	12	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	116
S-4	7/11/2025	0-3	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	114
	"	6	<49.9	**149**	<49.9	**149**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	131
	"	12	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	123
S-5	7/11/2025	0-3	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127
	"	6	<49.9	52.3	<49.9	52.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	150
	"	12	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
S-6	7/11/2025	0-3	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	79.1
	"	6	<49.7	**214**	<49.7	**214**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	146
	"	12	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.8
S-7	7/11/2025	0-3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
	"	6	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	158
	"	12	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
S-8	7/11/2025	0-3	<50.0	56.3	<50.0	56.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	158
	"	6	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.1
	"	12	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	140
S-9	7/11/2025	0-3	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	128
	"	6	<49.9	50.4	<49.9	50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	141
	"	12	<50.0	90.7	<50.0	90.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	120
S-10	7/11/2025	0-3	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	117
	"	6	<49.7	51.1	<49.7	51.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	105
	"	12	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	129
S-11	7/11/2025	0-3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	131
	"	6	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	143
	"	12	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
H-1	7/11/2025	0-12	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	88.4
H-2	7/11/2025	0-12	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	65.0
H-3	7/11/2025	0-12	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	86.3
H-4	7/11/2025	0-12	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	75.5
H-5	7/11/2025	0-12	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.6
H-6	7/11/2025	0-12	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.3
H-7	7/11/2025	0-12	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	99.2
H-8	7/11/2025	0-12	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	77.2
H-9	7/11/2025	0-12	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	87.3
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 1
Conoco Phillips
Smalls Federal 8H (06.14.25)
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	8/15/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
CS-2	8/15/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
CS-3	8/15/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
CS-4	8/15/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
CS-5	8/15/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
CS-6	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
CS-7	8/15/2025	1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-8	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
CS-9	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
CS-10	8/15/2025	1'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.96
CS-11	8/15/2025	1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-12	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
CS-13	8/15/2025	1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
CS-14	8/15/2025	1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-15	8/15/2025	1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
CS-16	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
CS-17	8/15/2025	1'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
CS-18	8/15/2025	1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
CS-19	8/15/2025	1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.98
CS-20	8/15/2025	1'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<9.92
CS-21	8/15/2025	1'	<49.7	<49.7	<49.7	<49.7	<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
(CS)- Confirmation Sample

Table 1
Conoco Phillips
Smalls Federal 8H (06.14.25)
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	8/15/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
SW-2	8/15/2025	0.5'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
SW-3	8/15/2025	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
SW-4	8/15/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
SW-5	8/15/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.5
SW-6	8/15/2025	1'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<10.1
SW-7	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.94
SW-8	8/15/2025	1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
SW-9	8/15/2025	1'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
SW-10	8/15/2025	1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
SW-11	8/15/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.4
SW-12	8/15/2025	1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
SW-13	8/15/2025	1'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
BACKFILL	9/2/2025	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
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

COG Operating, LLC

Photograph No. 1

Facility: Smalls Federal 8H (06.14.25)

County: Lea County, New Mexico

Description:
View Southwest area of Confirmation Samples 1-5.

Photograph No. 2

Facility: Smalls Federal 8H (06.14.25)

County: Lea County, New Mexico

Description:
View West area of Confirmation Samples 6-13.

Photograph No. 3

Facility: Smalls Federal 8H (06.14.25)

County: Lea County, New Mexico

Description:
View East area of Confirmation Samples 14-21.

PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 4

Facility: Smalls Federal 8H (06.14.25)

County: Lea County, New Mexico

Description:
View east of the backfilled excavation and reseeded.

Photograph No. 5

Facility: Smalls Federal 8H (06.14.25)

County: Lea County, New Mexico

Description:
View east of the backfilled excavation and reseeded.

Photograph No. 6

Facility: Smalls Federal 8H (06.14.25)

County: Lea County, New Mexico

Description:
View Northeast of the backfilled excavation and reseeded.

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

Action 484917

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 484917
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2519630705**
Incident Name	**NAPP2519630705 SMALLS FEDERAL 008H @ 0**
Incident Type	**Release Other**
Incident Status	**Initial C-141 Received**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Smalls Federal 008H
Date Release Discovered	06/14/2025
Surface Owner	State

Incident Details *Please answer all the questions in this group.*	
Incident Type	Release Other
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	Cause: Corrosion | Flow Line - Production | Crude Oil | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Produced Water | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 484917
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 07/15/2025

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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 484917
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
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	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

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	No
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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CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 484917
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	None	7/15/2025

Spill Calculation - On-Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated *Pool* Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	30	20	0.1	600.00	0.89	0.00	0.89		0.00	0.89
Rectangle B	225	375	0.0	84375.00	1.25	0.00	1.25		0.00	1.25
Rectangle C	230	380	0.0	87400.00	1.30	0.00	1.30		0.00	1.30
Rectangle D				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00		0.00	0.00
				0.00	0.00	0.00	0.00		0.00	0.00
Total Surface Pool Volume Released, Release to Soil/Caliche:							3.4384		0.0000	3.4384

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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 495471

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 495471
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2519630705**
Incident Name	**NAPP2519630705 SMALLS FEDERAL 008H @ 0**
Incident Type	**Release Other**
Incident Status	**Initial C-141 Approved**

Location of Release Source	
Site Name	**SMALLS FEDERAL 008H**
Date Release Discovered	**06/14/2025**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,128
What is the estimated number of samples that will be gathered	36
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.355457, -103.475272

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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: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 495471
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jlaird	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.	8/13/2025
jlaird	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.	8/13/2025

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

COG Operating

Legend

- 0.50 Mile Radius
- 0.60 Miles
- 0.67 Miles
- NMSEO Water Well
- SMALLS FEDERAL 008H (06.14.2025)

SMALLS FEDERAL 008H (06.14.2025)

305' - Drilled 2019

282' - Drilled 2020

Google Earth

N

3000 ft

Low Karst
COG Operating

Legend
Low
SMALLS FEDERAL 008H (06.14.2025)

SMALLS FEDERAL 008H (06.14.2025)

Google Earth

Image © 2025 Airbus

N

3000 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 01803 POD1		CP	LE	NW	NW	NW	34	22S	34E	644356.8	3580786.1		907	240	180	60
CP 01826 POD1		CP	LE	NW	NW	NW	34	22S	34E	644379.1	3580778.4		930	698	180	518
CP 01740 POD1		CP	LE	NW	NW	NW	34	22S	34E	644401.8	3580765.5		954	600	560	40
CP 01706 POD1		CP	LE	SE	SE	NE	32	22S	34E	642603.4	3580185.5		1080	340	282	58
CP 01705 POD1		CP	LE	SE	SE	NE	32	22S	34E	642587.8	3580179.1		1097	700	305	395
CP 01829 POD1		CP	LE	SE	SE	NE	32	22S	34E	642559.1	3580172.5		1123	1410	1150	260
CP 01842 POD1		CP	LE	NW	NW	NE	32	22S	34E	641960.2	3580777.3		1493	1083	305	778
CP 01845 POD1		CP	LE	SE	SE	SW	33	22S	34E	643396.2	3579337.3		1518	880	293	587
CP 01844 POD1		CP	LE	SW	SW	SW	33	22S	34E	642763.8	3579308.3		1692	960	295	665
CP 01847 POD1		CP	LE	NE	NW	SW	32	22S	34E	641372.3	3579964.8		2262	1053	307	746
CP 01843 POD1		CP	LE	NW	NW	NW	32	22S	34E	641163.2	3580761.8		2290	1124	310	814
CP 01973 POD1		CP	LE	SE	NE	SE	30	22S	34E	641032.7	3581307.9		2461	55		
CP 00865 POD1		CP	LE	NE	NE	SW	20	22S	34E	641845.3	3583118.5		2775	885	605	280
CP 01622 POD1		CP	LE	NW	SW	SW	04	23S	34E	642829.6	3577872.3		3046	575	285	290
CP 01990 POD1		CP	LE	SW	SE	SE	19	22S	34E	640839.7	3582490.8		3082	60		
CP 00704		CP	LE		NE	SE	22	22S	34E	645681.0	3583097.0 *		3161	600		
CP 01987 POD1		CP	LE	SW	SW	NW	05	23S	34E	641116.4	3578601.3		3245			
CP 01841 POD1		CP	LE	SW	SW	SW	03	23S	34E	644389.5	3577684.8		3305	650	295	355
CP 01502 POD2		CP	LE	SE	SW	SW	05	23S	34E	642073.9	3577676.9		3464	680	300	380
CP 01963 POD1		CP	LE	SE	SW	SE	17	22S	34E	642073.3	3584138.8		3561	60		
CP 01502 POD1		CP	LE	SE	SW	SW	05	23S	34E	641316.1	3577635.4		3863	648	200	448
CP 01075 POD1		CP	LE	NW	NW	NW	08	23S	34E	641295.1	3577544.6		3951	430	20	410
CP 01802 POD1		CP	LE	NE	NE	NE	35	22S	34E	647437.4	3580847.4		3985	200	0	200

Average Depth to Water: **326 feet**

Minimum Depth: **0 feet**

Maximum Depth: **1150 feet**

Record Count: 23

UTM Filters (in meters):
Easting: 643452.00
Northing: 3580855.00
Radius: 4000

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

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

2019 OCT 17 PM 1:22

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): CP-1740-POD1	WELL TAG ID NO.:	OSE FILE NO(S.):
WELL OWNER NAME(S): Limestone Basin Properties Ranch, LLC		PHONE (OPTIONAL): 210-835-8057
WELL OWNER MAILING ADDRESS: 3300 N. A Street, Bldg. 1, Ste. 220		CITY: Midland STATE: TX ZIP: 79705

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	21	16.2	N
LONGITUDE	103	27	55.3	W

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

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

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1706	Bryce Wallace	Elite Drillers Corporation

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
03/15/19	09/26/19	600	700	560

COMPLETED WELL IS: [✓] ARTESIAN [ ] DRY HOLE [ ] SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 305

DRILLING FLUID: [ ] AIR [✓] MUD ADDITIVES – SPECIFY:

DRILLING METHOD: [✓] ROTARY [ ] HAMMER [ ] CABLE TOOL [ ] OTHER – SPECIFY:

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
+1	20	20	ASTM53 Grade B	Welded	15.5	.25	
+3	300	14.75	ASTM53 Grade B	Welded	8.125	.25	
300	600	14.75	SDR17 PVC Screen	Spline	7.6	.51	.032

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	20	Portland I/II Cement	16	Tremie
+1	295	14.75	Portland I/II Cement	245	Tremie
295	600	14.75	Silica Sand 8/16	273	Pour

FOR OSE INTERNAL USE

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

FILE NO. CP-1740	POD NO. 1	TRN NO. 637130
LOCATION 111 T22S R34E Sec 34	WELL TAG ID NO. NA	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	Sandy Topsoil	Y ✓N	
10	50	40	Caliche	Y ✓N	
50	85	35	Red/Brown Clay	Y ✓N	
85	210	125	Tan/Brown/White Sandstone	Y ✓N	
210	420	210	Red/Brown Clay	Y ✓N	
420	520	100	Red Clay/Red Siltstone	Y ✓N	
520	580	60	Red/Gray Sandstone with Gray Clay	✓Y N	60.00
580	640	60	Redish-Brown Clay	Y ✓N	
640	700	60	Red Clay/Red Siltstone	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:

TOTAL ESTIMATED WELL YIELD (gpm): 60.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

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

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 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Bryce Wallace — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/14/2019 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. CP-1740	POD NO. 1	TRN NO. 637130	
LOCATION 111 T22S R34E Sec 34		WELL TAG ID NO. NA	PAGE 2 OF 2

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

2020 JAN 13 PM 4:07

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
CP-1706		

WELL OWNER NAME(S)	PHONE (OPTIONAL)
LIMESTONE BASIN PROPERTIES RANCH LLC	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
3300 N A STREET, BLDG 1, STE 220	MIDLAND	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	20	58.20	N
	LONGITUDE	103	29	4.40	W

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

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE
SESENE SEC 32 T22S R34E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD1706	BRYCE WALLACE	ELITE DRILLERS CORPORATION

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
01/06/20	01/07/20	340	340	282

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)
STATIC WATER LEVEL IN COMPLETED WELL (FT): 282

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	280	6.75	SDR17 PVC	SPLINE	4.3	SDR17	
280	340	6.75	SDR17 PVC	SPLINE	4.3	SDR17	.032

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
25	340	6.75	8/16 SILICA SAND	54	POUR

FOR OSE INTERNAL USE

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

FILE NO.	CP-1706	POD NO.	1	TRN NO.	663964
LOCATION	4 24 T22S R34E Sec 32			WELL TAG ID NO.	NA

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)
240	295	55	REDISH SANDY CLAY	✓ Y N	5.00
295	340	45	TAN SAND	✓ Y N	50.00
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO 2020 JAN 13 PM 4 04

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

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

TOTAL ESTIMATED WELL YIELD (gpm): 55.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

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

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.

BRYCE WALLACE — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

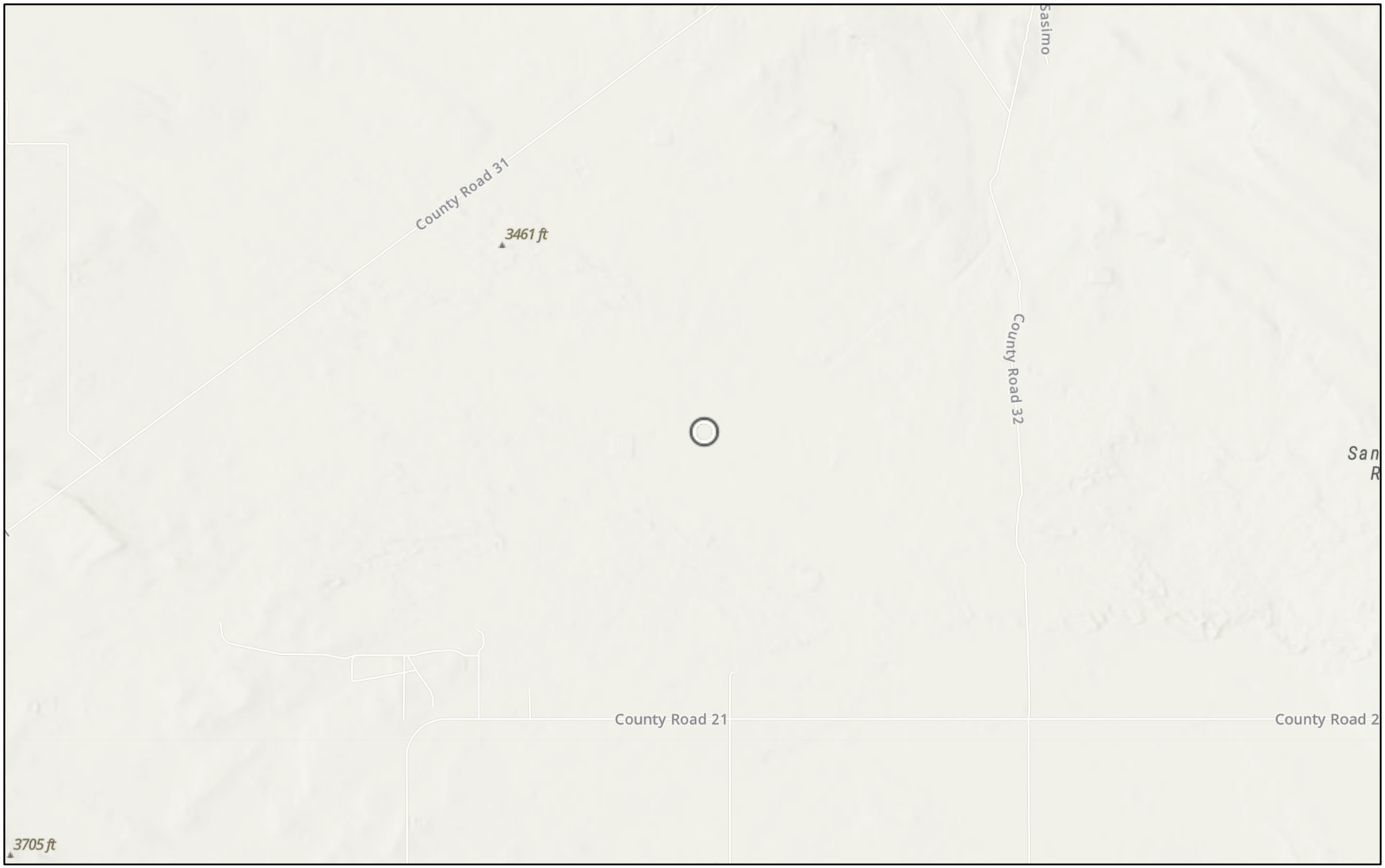
01/08/2020 — DATE

FOR OSE INTERNAL USE

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

FILE NO.	CP-1706	POD NO.	1	TRN NO.	663964	
LOCATION	424 T22S R34E Sec 32			WELL TAG ID NO.	NA	PAGE 2 OF 2

SMALLS FEDERAL 008H (06.14.2025)



9/5/2025

World_Hillshade

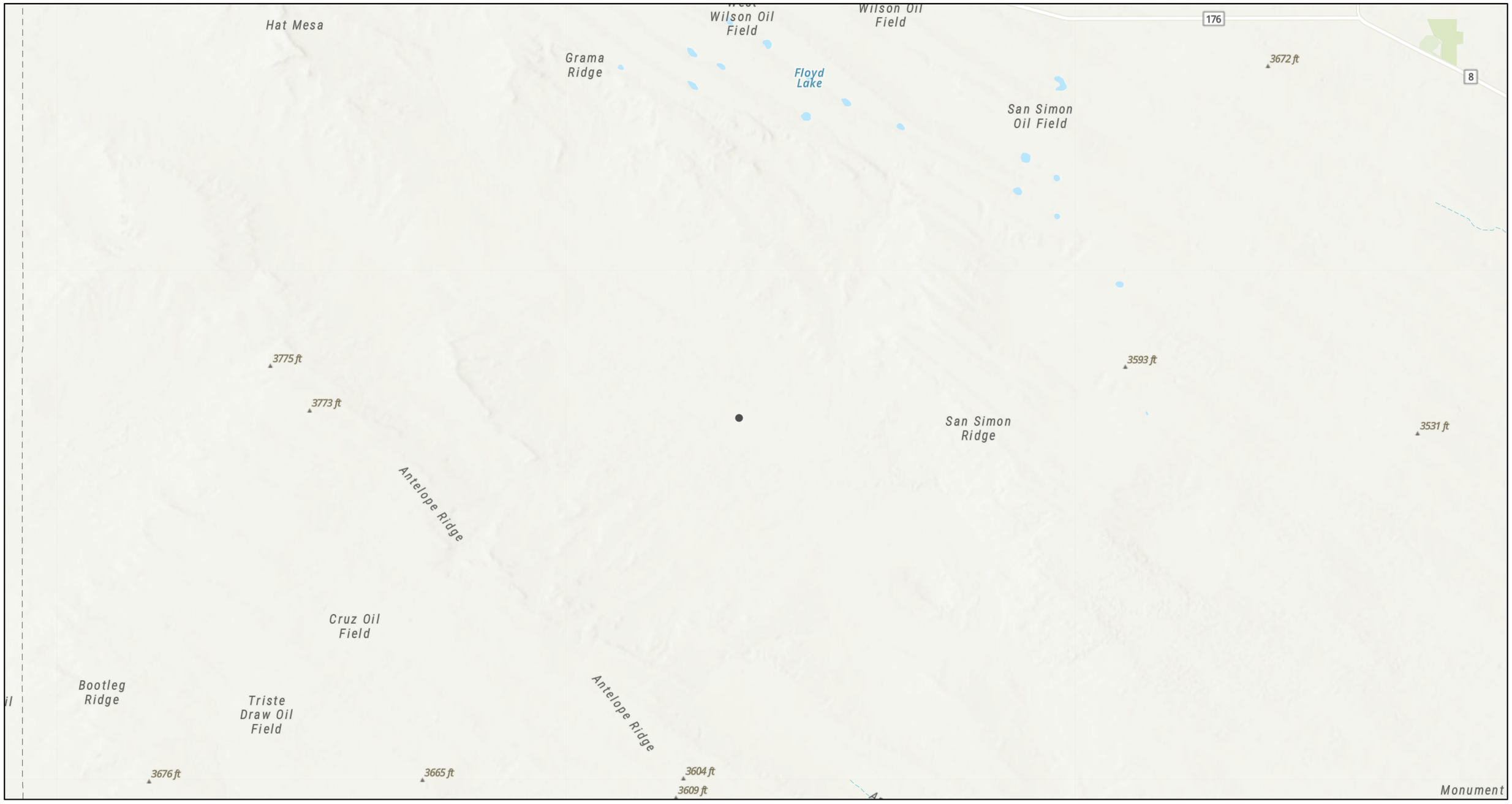
1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

SMALLS FEDERAL 008H (06.14.2025)



9/8/2025, 9:21:36 AM

1:144,448

0 1.5 3 6 mi

0 2.5 5 10 km

New Mexico Oil Conservation Division

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 7/17/2025 12:20:52 PM

JOB DESCRIPTION

Smalls Federal
Lea County, New Mexico

JOB NUMBER

880-60316-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

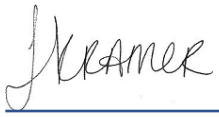
Eurofins Midland

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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7/17/2025 12:20:52 PM

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

Client: Carmona Resources
Project/Site: Smalls Federal

Laboratory Job ID: 880-60316-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

Job ID: 880-60316-1

Job ID: 880-60316-1 Eurofins Midland

Job Narrative
880-60316-1

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

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

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

Receipt
The samples were received on 7/14/2025 10:31 AM. 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 -5.7°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114117 and analytical batch 880-114063 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-11 (0-3") (880-60316-31), S-11 (6") (880-60316-32), S-11 (12') (880-60316-33), (LCS 880-114159/1-A), (LCSD 880-114159/2-A), (MB 880-114159/5-A), (880-60350-A-1-I), (880-60350-A-1-G MS) and (880-60350-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-114155/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-114226 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-114226/32).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114068 and analytical batch 880-114226 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114111 and analytical batch 880-114162 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114110 and analytical batch 880-114285 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch

Case Narrative

Client: Carmona Resources
Project: Smalls Federal

Job ID: 880-60316-1

Job ID: 880-60316-1 (Continued) Eurofins Midland

880-114114 and analytical batch 880-114127 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114113 and analytical batch 880-114123 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60316-1
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 01:02	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		07/14/25 13:46	07/15/25 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 01:02	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		07/14/25 13:46	07/15/25 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 01:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:46	07/15/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/14/25 13:46*	*07/15/25 01:02*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/14/25 13:46*	*07/15/25 01:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/15/25 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**156**		49.9		mg/Kg			07/16/25 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 10:44	1
Diesel Range Organics (Over C10-C28)	**156**		49.9		mg/Kg		07/14/25 08:51	07/16/25 10:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*07/14/25 08:51*	*07/16/25 10:44*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/14/25 08:51*	*07/16/25 10:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		10.1		mg/Kg			07/14/25 21:47	1

Client Sample ID: S-1 (6")

Lab Sample ID: 880-60316-2
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 01:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 01:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 01:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 01:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 01:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/25 13:46*	*07/15/25 01:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/14/25 13:46*	*07/15/25 01:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-2
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			07/15/25 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/16/25 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 11:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 11:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*07/14/25 08:51*	*07/16/25 11:01*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/14/25 08:51*	*07/16/25 11:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**		10.1		mg/Kg			07/14/25 21:52	1

Client Sample ID: S-1 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-3
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		07/14/25 13:46	07/15/25 01:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 01:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 01:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 01:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 01:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/14/25 13:46*	*07/15/25 01:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:46*	*07/15/25 01:44*	*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			07/15/25 01:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 11:17	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	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 11:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 11:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (12')

Lab Sample ID: 880-60316-3
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 08:51	07/16/25 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*07/14/25 08:51*	*07/16/25 11:17*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/14/25 08:51*	*07/16/25 11:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		9.98		mg/Kg			07/14/25 22:09	1

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-60316-4
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 02:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 02:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 02:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 02:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 02:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/14/25 13:46*	*07/15/25 02:04*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:46*	*07/15/25 02:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/15/25 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	<50.0	U	50.0		mg/Kg			07/16/25 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		07/14/25 12:00	07/16/25 14:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		07/14/25 12:00	07/16/25 14:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*07/14/25 12:00*	*07/16/25 14:36*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/14/25 12:00*	*07/16/25 14:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		10.1		mg/Kg			07/14/25 22:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (6")

Lab Sample ID: 880-60316-5
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 02:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 02:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 02:25	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/14/25 13:46	07/15/25 02:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 02:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/14/25 13:46	07/15/25 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/14/25 13:46*	*07/15/25 02:25*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/14/25 13:46*	*07/15/25 02:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/15/25 02:25	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			07/16/25 15:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 15:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 15:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/14/25 12:00*	*07/16/25 15:26*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/14/25 12:00*	*07/16/25 15:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		10.0		mg/Kg			07/14/25 22:21	1

Client Sample ID: S-2 (12')

Lab Sample ID: 880-60316-6
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 02:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 02:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 02:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 02:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 02:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/14/25 13:46*	*07/15/25 02:45*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:46*	*07/15/25 02:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/15/25 02:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/16/25 15:42	1

Method: SW846 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		07/14/25 12:00	07/16/25 15:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 15:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 12:00*	*07/16/25 15:42*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/14/25 12:00*	*07/16/25 15:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		10.1		mg/Kg			07/14/25 22:26	1

Client Sample ID: S-3 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-7
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		07/14/25 13:46	07/15/25 03:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 03:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 03:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 03:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 03:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/14/25 13:46*	*07/15/25 03:06*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/14/25 13:46*	*07/15/25 03:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/15/25 03:06	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			07/16/25 15:59	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	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 15:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 15:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-60316-7
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 12:00	07/16/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*07/14/25 12:00*	*07/16/25 15:59*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:00*	*07/16/25 15:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.4**		10.0		mg/Kg			07/14/25 22:32	1

Client Sample ID: S-3 (6")

Lab Sample ID: 880-60316-8
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 03:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 03:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 03:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 03:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 03:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/14/25 13:46*	*07/15/25 03:26*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/14/25 13:46*	*07/15/25 03:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/15/25 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	<49.7	U	49.7		mg/Kg			07/16/25 16:16	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	<49.7	U	49.7		mg/Kg		07/14/25 12:00	07/16/25 16:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/14/25 12:00	07/16/25 16:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/14/25 12:00	07/16/25 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 12:00*	*07/16/25 16:16*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/14/25 12:00*	*07/16/25 16:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		9.98		mg/Kg			07/14/25 22:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 03:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 03:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 03:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/14/25 13:46	07/15/25 03:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 03:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:46	07/15/25 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/14/25 13:46*	*07/15/25 03:47*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:46*	*07/15/25 03:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/15/25 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			07/16/25 16:33	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		07/14/25 12:00	07/16/25 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 16:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 12:00*	*07/16/25 16:33*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/14/25 12:00*	*07/16/25 16:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		10.0		mg/Kg			07/14/25 22:43	1

Client Sample ID: S-4 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-10
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		07/14/25 13:46	07/15/25 04:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 04:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 04:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 13:46	07/15/25 04:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 04:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 13:46	07/15/25 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/14/25 13:46*	*07/15/25 04:07*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:46*	*07/15/25 04:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/15/25 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	<49.8	U	49.8		mg/Kg			07/16/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 16:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 16:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*07/14/25 12:00*	*07/16/25 16:50*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:00*	*07/16/25 16:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**	**F1**	9.98		mg/Kg			07/14/25 23:29	1

Client Sample ID: S-4 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-11
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		07/14/25 13:46	07/15/25 05:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 05:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 05:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/14/25 13:46	07/15/25 05:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 05:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/14/25 13:46	07/15/25 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/14/25 13:46*	*07/15/25 05:41*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*07/14/25 13:46*	*07/15/25 05:41*	*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			07/15/25 05:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**149**		49.9		mg/Kg			07/16/25 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 17:06	1
Diesel Range Organics (Over C10-C28)	**149**		49.9		mg/Kg		07/14/25 12:00	07/16/25 17:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-11
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)	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 12:00*	*07/16/25 17:06*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:00*	*07/16/25 17:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		10.1		mg/Kg			07/14/25 23:46	1

Client Sample ID: S-4 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 06:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:46*	*07/15/25 06:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/14/25 13:46*	*07/15/25 06:01*	*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			07/15/25 06:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 17:23	1

Method: SW846 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		07/14/25 12:00	07/16/25 17:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 17:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/14/25 12:00*	*07/16/25 17:23*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/14/25 12:00*	*07/16/25 17:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		10.0		mg/Kg			07/14/25 23:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-13
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		07/14/25 13:46	07/15/25 06:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 06:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 06:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 06:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/14/25 13:46*	*07/15/25 06:22*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/14/25 13:46*	*07/15/25 06:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/15/25 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/16/25 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/14/25 12:00*	*07/16/25 17:39*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/14/25 12:00*	*07/16/25 17:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		9.98		mg/Kg			07/14/25 23:57	1

Client Sample ID: S-5 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 06:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 06:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 06:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 06:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 06:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 06:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/14/25 13:46*	*07/15/25 06:43*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/14/25 13:46*	*07/15/25 06:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-14
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			07/15/25 06:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.3**		49.9		mg/Kg			07/16/25 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 18:12	1
Diesel Range Organics (Over C10-C28)	**52.3**		49.9		mg/Kg		07/14/25 12:00	07/16/25 18:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 12:00*	*07/16/25 18:12*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/14/25 12:00*	*07/16/25 18:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		10.1		mg/Kg			07/15/25 00:03	1

Client Sample ID: S-5 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-15
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		07/14/25 13:46	07/15/25 07:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 07:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 07:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/14/25 13:46	07/15/25 07:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 07:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:46	07/15/25 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/14/25 13:46*	*07/15/25 07:03*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/14/25 13:46*	*07/15/25 07:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/15/25 07:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/16/25 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 18:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 18:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (12')

Lab Sample ID: 880-60316-15
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 12:00	07/16/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*07/14/25 12:00*	*07/16/25 18:29*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/14/25 12:00*	*07/16/25 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		10.1		mg/Kg			07/15/25 00:20	1

Client Sample ID: S-6 (0-3")

Lab Sample ID: 880-60316-16
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 07:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 07:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 07:24	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/14/25 13:46	07/15/25 07:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:46	07/15/25 07:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/14/25 13:46	07/15/25 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:46*	*07/15/25 07:24*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/14/25 13:46*	*07/15/25 07:24*	*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			07/15/25 07:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 18:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 18:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 12:00*	*07/16/25 18:45*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/14/25 12:00*	*07/16/25 18:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.1**		9.92		mg/Kg			07/15/25 00:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-17
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		07/14/25 13:46	07/15/25 07:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 07:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 07:44	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 07:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:46	07/15/25 07:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:46	07/15/25 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:46*	*07/15/25 07:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:46*	*07/15/25 07:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/15/25 07:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**214**		49.7		mg/Kg			07/16/25 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/14/25 12:00	07/16/25 19:01	1
Diesel Range Organics (Over C10-C28)	**214**		49.7		mg/Kg		07/14/25 12:00	07/16/25 19:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/14/25 12:00	07/16/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:01*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		10.0		mg/Kg			07/15/25 00:31	1

Client Sample ID: S-6 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-18
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		07/14/25 13:46	07/15/25 08:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 08:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/14/25 13:46*	*07/15/25 08:04*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/14/25 13:46*	*07/15/25 08:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/15/25 08:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 19:17	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	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 19:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 19:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:17*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.8**		10.0		mg/Kg			07/15/25 00:37	1

Client Sample ID: S-7 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 08:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:46	07/15/25 08:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:46	07/15/25 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/14/25 13:46*	*07/15/25 08:25*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/14/25 13:46*	*07/15/25 08:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/15/25 08:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/16/25 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		07/14/25 12:00	07/16/25 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 19:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (0-3")

Lab Sample ID: 880-60316-19
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 12:00	07/16/25 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:33*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.0		mg/Kg			07/15/25 00:42	1

Client Sample ID: S-7 (6")

Lab Sample ID: 880-60316-20
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:46	07/15/25 08:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 08:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 08:46	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/14/25 13:46	07/15/25 08:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 08:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/14/25 13:46	07/15/25 08:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/14/25 13:46*	*07/15/25 08:46*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:46*	*07/15/25 08:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/15/25 08:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 19:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 19:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:50*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/14/25 12:00*	*07/16/25 19:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**	**F1**	10.1		mg/Kg			07/15/25 00:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-21
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		07/14/25 13:51	07/14/25 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:34	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/14/25 13:51	07/14/25 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:51	07/14/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/25 13:51*	*07/14/25 17:34*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:51*	*07/14/25 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/14/25 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/16/25 20:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 20:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 20:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 12:00	07/16/25 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 12:00*	*07/16/25 20:06*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/14/25 12:00*	*07/16/25 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		9.98		mg/Kg			07/15/25 01:05	1

Client Sample ID: S-8 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-22
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		07/14/25 13:51	07/14/25 17:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 17:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 17:55	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:51	07/14/25 17:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 17:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:51	07/14/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/14/25 13:51*	*07/14/25 17:55*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*07/14/25 13:51*	*07/14/25 17:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-22
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			07/14/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.3**		50.0		mg/Kg			07/16/25 20:23	1

Method: SW846 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		07/14/25 12:00	07/16/25 20:23	1
Diesel Range Organics (Over C10-C28)	**56.3**		50.0		mg/Kg		07/14/25 12:00	07/16/25 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 12:00	07/16/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*07/14/25 12:00*	*07/16/25 20:23*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/14/25 12:00*	*07/16/25 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		10.1		mg/Kg			07/15/25 01:11	1

Client Sample ID: S-8 (6")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-23
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		07/14/25 13:51	07/14/25 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 18:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:51	07/14/25 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:51	07/14/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/14/25 13:51*	*07/14/25 18:15*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:51*	*07/14/25 18:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/14/25 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 20:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 20:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:00	07/16/25 20:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (6")

Lab Sample ID: 880-60316-23
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 12:00	07/16/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/14/25 12:00*	*07/16/25 20:39*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*07/14/25 12:00*	*07/16/25 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.1**		10.1		mg/Kg			07/15/25 01:28	1

Client Sample ID: S-8 (12')

Lab Sample ID: 880-60316-24
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:51	07/14/25 18:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 18:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 18:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:51	07/14/25 18:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 18:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:51	07/14/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/14/25 13:51*	*07/14/25 18:36*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*07/14/25 13:51*	*07/14/25 18:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/14/25 18:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/16/25 00:20	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 F1	50.0		mg/Kg		07/14/25 12:02	07/16/25 00:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:02	07/16/25 00:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 12:02	07/16/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/14/25 12:02*	*07/16/25 00:20*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/14/25 12:02*	*07/16/25 00:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		9.96		mg/Kg			07/15/25 01:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (0-3")

Lab Sample ID: 880-60316-25
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:51	07/14/25 18:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:51	07/14/25 18:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:51	07/14/25 18:56	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/14/25 13:51	07/14/25 18:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/14/25 13:51	07/14/25 18:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/14/25 13:51	07/14/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/14/25 13:51*	*07/14/25 18:56*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/14/25 13:51*	*07/14/25 18:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/14/25 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 01:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 01:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 01:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:05*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		10.1		mg/Kg			07/15/25 01:39	1

Client Sample ID: S-9 (6")

Lab Sample ID: 880-60316-26
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:51	07/14/25 19:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 19:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 19:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:51	07/14/25 19:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 19:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:51	07/14/25 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/14/25 13:51*	*07/14/25 19:17*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/14/25 13:51*	*07/14/25 19:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (6")

Lab Sample ID: 880-60316-26
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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			07/14/25 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.4**		49.9		mg/Kg			07/16/25 01:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 12:02	07/16/25 01:20	1
Diesel Range Organics (Over C10-C28)	**50.4**		49.9		mg/Kg		07/14/25 12:02	07/16/25 01:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 12:02	07/16/25 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:20*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		9.92		mg/Kg			07/15/25 01:45	1

Client Sample ID: S-9 (12')

Lab Sample ID: 880-60316-27
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:51	07/14/25 19:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 19:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 19:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 13:51	07/14/25 19:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 13:51	07/14/25 19:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 13:51	07/14/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:51*	*07/14/25 19:37*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/14/25 13:51*	*07/14/25 19:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/14/25 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**90.7**		50.0		mg/Kg			07/16/25 01:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 12:02	07/16/25 01:35	1
Diesel Range Organics (Over C10-C28)	**90.7**		50.0		mg/Kg		07/14/25 12:02	07/16/25 01:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (12')
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-27
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)	<50.0	U	50.0		mg/Kg		07/14/25 12:02	07/16/25 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:35*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		10.0		mg/Kg			07/15/25 01:50	1

Client Sample ID: S-10 (0-3")
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-28
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		07/14/25 13:51	07/14/25 19:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 19:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 19:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:51	07/14/25 19:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:51	07/14/25 19:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:51	07/14/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/14/25 13:51*	*07/14/25 19:58*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/14/25 13:51*	*07/14/25 19:58*	*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			07/14/25 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 01:51	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	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 01:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 01:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:51*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:02*	*07/16/25 01:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		9.96		mg/Kg			07/15/25 01:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (6")

Lab Sample ID: 880-60316-29
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:51	07/14/25 20:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 20:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 20:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/14/25 13:51	07/14/25 20:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 20:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:51	07/14/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/14/25 13:51*	*07/14/25 20:18*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/14/25 13:51*	*07/14/25 20:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/14/25 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.1**		49.7		mg/Kg			07/16/25 02:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/14/25 12:02	07/16/25 02:05	1
Diesel Range Organics (Over C10-C28)	**51.1**		49.7		mg/Kg		07/14/25 12:02	07/16/25 02:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/14/25 12:02	07/16/25 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:05*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		10.1		mg/Kg			07/15/25 02:02	1

Client Sample ID: S-10 (12')

Lab Sample ID: 880-60316-30
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:51	07/14/25 20:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 20:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 20:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 13:51	07/14/25 20:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 20:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 13:51	07/14/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:51*	*07/14/25 20:39*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/14/25 13:51*	*07/14/25 20:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-30
Matrix: Solid

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			07/14/25 20:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 02:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 02:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:20*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		10.1		mg/Kg			07/15/25 11:54	1

Client Sample ID: S-11 (0-3")

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-31
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		07/15/25 08:21	07/15/25 13:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/15/25 08:21	07/15/25 13:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/15/25 08:21	07/15/25 13:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/15/25 08:21	07/15/25 13:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/15/25 08:21	07/15/25 13:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/15/25 08:21	07/15/25 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*07/15/25 08:21*	*07/15/25 13:25*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*07/15/25 08:21*	*07/15/25 13:25*	*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			07/15/25 13:25	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			07/16/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 12:02	07/16/25 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 12:02	07/16/25 02:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-3")

Lab Sample ID: 880-60316-31
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 12:02	07/16/25 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:35*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		9.98		mg/Kg			07/15/25 12:17	1

Client Sample ID: S-11 (6")

Lab Sample ID: 880-60316-32
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/15/25 08:21	07/15/25 13:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/15/25 08:21	07/15/25 13:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/15/25 08:21	07/15/25 13:46	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/15/25 08:21	07/15/25 13:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/15/25 08:21	07/15/25 13:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/15/25 08:21	07/15/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*07/15/25 08:21*	*07/15/25 13:46*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*07/15/25 08:21*	*07/15/25 13:46*	*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			07/15/25 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/16/25 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 12:02	07/16/25 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/25 12:02	07/16/25 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 12:02	07/16/25 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:50*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:02*	*07/16/25 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**143**		10.1		mg/Kg			07/15/25 12:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (12')

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-33

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		07/15/25 08:21	07/15/25 14:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/15/25 08:21	07/15/25 14:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/15/25 08:21	07/15/25 14:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/15/25 08:21	07/15/25 14:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/15/25 08:21	07/15/25 14:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/15/25 08:21	07/15/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*07/15/25 08:21*	*07/15/25 14:06*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*07/15/25 08:21*	*07/15/25 14:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/15/25 14:06	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			07/16/25 03:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 03:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 03:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 12:02	07/16/25 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/14/25 12:02*	*07/16/25 03:05*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/14/25 12:02*	*07/16/25 03:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		10.1		mg/Kg			07/15/25 12:32	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
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)										
880-60316-1	S-1 (0-3")	105	91										
880-60316-1 MS	S-1 (0-3")	100	98										
880-60316-1 MSD	S-1 (0-3")	106	94										
880-60316-2	S-1 (6")	92	94										
880-60316-3	S-1 (12')	99	93										
880-60316-4	S-2 (0-3")	97	95										
880-60316-5	S-2 (6")	102	92										
880-60316-6	S-2 (12')	96	95										
880-60316-7	S-3 (0-3")	100	94										
880-60316-8	S-3 (6")	104	89										
880-60316-9	S-3 (12')	98	93										
880-60316-10	S-4 (0-3")	100	93										
880-60316-11	S-4 (6")	107	84										
880-60316-12	S-4 (12')	95	98										
880-60316-13	S-5 (0-3")	97	94										
880-60316-14	S-5 (6")	102	90										
880-60316-15	S-5 (12')	105	94										
880-60316-16	S-6 (0-3")	95	90										
880-60316-17	S-6 (6")	93	93										
880-60316-18	S-6 (12')	101	97										
880-60316-19	S-7 (0-3")	103	91										
880-60316-20	S-7 (6")	96	93										
880-60316-21	S-7 (12')	92	95										
880-60316-21 MS	S-7 (12')	101	103										
880-60316-21 MSD	S-7 (12')	97	99										
880-60316-22	S-8 (0-3")	100	84										
880-60316-23	S-8 (6")	118	95										
880-60316-24	S-8 (12')	105	81										
880-60316-25	S-9 (0-3")	94	82										
880-60316-26	S-9 (6")	98	89										
880-60316-27	S-9 (12')	95	99										
880-60316-28	S-10 (0-3")	111	89										
880-60316-29	S-10 (6")	98	88										
880-60316-30	S-10 (12')	95	90										
880-60316-31	S-11 (0-3")	150 S1+	79										
880-60316-32	S-11 (6")	145 S1+	77										
880-60316-33	S-11 (12')	142 S1+	83										
880-60350-A-1-G MS	Matrix Spike	139 S1+	91										
880-60350-A-1-H MSD	Matrix Spike Duplicate	154 S1+	81										
LCS 880-114117/1-A	Lab Control Sample	102	97										
LCS 880-114119/1-A	Lab Control Sample	97	112										
LCS 880-114159/1-A	Lab Control Sample	140 S1+	87										
LCSD 880-114117/2-A	Lab Control Sample Dup	103	98										
LCSD 880-114119/2-A	Lab Control Sample Dup	103	104										
LCSD 880-114159/2-A	Lab Control Sample Dup	133 S1+	92										
MB 880-113989/5-A	Method Blank	102	81										
MB 880-114064/8	Method Blank	85	94										
MB 880-114117/5-A	Method Blank	102	85										
MB 880-114119/5-A	Method Blank	90	101										

Surrogate Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
MB 880-114159/5-A	Method Blank	141 S1+	82

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-60316-1	S-1 (0-3")	124	113
880-60316-2	S-1 (6")	120	109
880-60316-3	S-1 (12')	117	104
880-60316-4	S-2 (0-3")	115	106
880-60316-4 MS	S-2 (0-3")	105	108
880-60316-4 MSD	S-2 (0-3")	105	107
880-60316-5	S-2 (6")	112	104
880-60316-6	S-2 (12')	114	107
880-60316-7	S-3 (0-3")	117	108
880-60316-8	S-3 (6")	113	106
880-60316-9	S-3 (12')	114	105
880-60316-10	S-4 (0-3")	116	108
880-60316-11	S-4 (6")	113	108
880-60316-12	S-4 (12')	112	104
880-60316-13	S-5 (0-3")	112	104
880-60316-14	S-5 (6")	113	105
880-60316-15	S-5 (12')	115	107
880-60316-16	S-6 (0-3")	114	106
880-60316-17	S-6 (6")	113	109
880-60316-18	S-6 (12')	115	108
880-60316-19	S-7 (0-3")	118	109
880-60316-20	S-7 (6")	116	107
880-60316-21	S-7 (12')	114	106
880-60316-22	S-8 (0-3")	116	109
880-60316-23	S-8 (6")	110	102
880-60316-24	S-8 (12')	110	110
880-60316-24 MS	S-8 (12')	125	113
880-60316-24 MSD	S-8 (12')	123	113
880-60316-25	S-9 (0-3")	113	110
880-60316-26	S-9 (6")	109	108
880-60316-27	S-9 (12')	110	111
880-60316-28	S-10 (0-3")	108	108
880-60316-29	S-10 (6")	110	109
880-60316-30	S-10 (12')	112	111
880-60316-31	S-11 (0-3")	113	111
880-60316-32	S-11 (6")	109	108
880-60316-33	S-11 (12')	108	108
890-8448-A-12-C MS	Matrix Spike	96	94
890-8448-A-12-D MSD	Matrix Spike Duplicate	100	98

Surrogate Summary

Client: Carmona Resources
Job ID: 880-60316-1
Project/Site: Smalls Federal
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)								
LCS 880-114068/2-A	Lab Control Sample	106	108								
LCS 880-114110/2-A	Lab Control Sample	119	108								
LCS 880-114111/2-A	Lab Control Sample	113	109								
LCSD 880-114068/3-A	Lab Control Sample Dup	107	109								
LCSD 880-114110/3-A	Lab Control Sample Dup	98	106								
LCSD 880-114111/3-A	Lab Control Sample Dup	114	109								
MB 880-114068/1-A	Method Blank	125	120								
MB 880-114110/1-A	Method Blank	102	98								
MB 880-114111/1-A	Method Blank	109	115								

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-113989/5-A
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/11/25 17:00	07/14/25 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/11/25 17:00*	*07/14/25 12:09*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*07/11/25 17:00*	*07/14/25 12:09*	*1*

Lab Sample ID: MB 880-114064/8
Matrix: Solid
Analysis Batch: 114064

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			07/14/25 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg			07/14/25 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			07/14/25 12:01	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			07/14/25 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			07/14/25 12:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			07/14/25 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*07/14/25 12:01*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*07/14/25 12:01*	*1*

Lab Sample ID: MB 880-114117/5-A
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114117

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 00:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 00:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 00:41	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 13:46	07/15/25 00:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:46	07/15/25 00:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 13:46	07/15/25 00:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/14/25 13:46*	*07/15/25 00:41*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/14/25 13:46*	*07/15/25 00:41*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-114117/1-A
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114117

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08768		mg/Kg		88	70 - 130		
Toluene			0.100	0.08753		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09793		mg/Kg		98	70 - 130		
m,p-Xylenes			0.200	0.1994		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.1010		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-114117/2-A
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114117

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09514		mg/Kg		95	70 - 130	8	35
Toluene			0.100	0.09234		mg/Kg		92	70 - 130	5	35
Ethylbenzene			0.100	0.1025		mg/Kg		102	70 - 130	5	35
m,p-Xylenes			0.200	0.2070		mg/Kg		103	70 - 130	4	35
o-Xylene			0.100	0.1063		mg/Kg		106	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-60316-1 MS
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: S-1 (0-3")
Prep Type: Total/NA
Prep Batch: 114117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08441		mg/Kg		84	70 - 130		
Toluene	<0.00200	U F1	0.100	0.06174	F1	mg/Kg		62	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.07737		mg/Kg		77	70 - 130		
m,p-Xylenes	<0.00399	U F1	0.200	0.1369	F1	mg/Kg		68	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08751		mg/Kg		88	70 - 130		

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

Lab Sample ID: 880-60316-1 MSD
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: S-1 (0-3")
Prep Type: Total/NA
Prep Batch: 114117

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	0.07546		mg/Kg		75	70 - 130	11	35
Toluene	<0.00200	U F1	0.100	0.06480	F1	mg/Kg		65	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.07560		mg/Kg		76	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60316-1 MSD
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: S-1 (0-3")
Prep Type: Total/NA
Prep Batch: 114117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U F1	0.200	0.1397		mg/Kg		70	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08185		mg/Kg		82	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 880-114119/5-A
Matrix: Solid
Analysis Batch: 114064

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 13:51	07/14/25 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:51	07/14/25 17:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 13:51	07/14/25 17:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/14/25 13:51*	*07/14/25 17:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/14/25 13:51*	*07/14/25 17:13*	*1*

Lab Sample ID: LCS 880-114119/1-A
Matrix: Solid
Analysis Batch: 114064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09184		mg/Kg		92	70 - 130
Toluene	0.100	0.08867		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.08923		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.1949		mg/Kg		97	70 - 130
o-Xylene	0.100	0.08953		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 880-114119/2-A
Matrix: Solid
Analysis Batch: 114064

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114119

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09166		mg/Kg		92	70 - 130	0	35
Toluene	0.100	0.08868		mg/Kg		89	70 - 130	0	35
Ethylbenzene	0.100	0.09522		mg/Kg		95	70 - 130	6	35
m,p-Xylenes	0.200	0.1995		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09458		mg/Kg		95	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-60316-21 MS — **Client Sample ID: S-7 (12')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114064 — **Prep Batch: 114119**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07952		mg/Kg		80	70 - 130
Toluene	<0.00200	U	0.100	0.08767		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09464		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1960		mg/Kg		98	70 - 130
o-Xylene	<0.00200	U	0.100	0.09037		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-60316-21 MSD — **Client Sample ID: S-7 (12')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114064 — **Prep Batch: 114119**

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	0.07668		mg/Kg		77	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.07678		mg/Kg		77	70 - 130	13	35
Ethylbenzene	<0.00200	U	0.100	0.07724		mg/Kg		77	70 - 130	20	35
m,p-Xylenes	<0.00399	U	0.200	0.1632		mg/Kg		82	70 - 130	18	35
o-Xylene	<0.00200	U	0.100	0.07744		mg/Kg		77	70 - 130	15	35

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

Lab Sample ID: MB 880-114159/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114155 — **Prep Batch: 114159**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/25 08:21	07/15/25 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/25 08:21	07/15/25 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/25 08:21	07/15/25 11:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/15/25 08:21	07/15/25 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/25 08:21	07/15/25 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/15/25 08:21	07/15/25 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	07/15/25 08:21	07/15/25 11:22	1
1,4-Difluorobenzene (Surr)	82		70 - 130	07/15/25 08:21	07/15/25 11:22	1

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-114159/1-A
Matrix: Solid
Analysis Batch: 114155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114159

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1011		mg/Kg		101	70 - 130		
Toluene			0.100	0.1020		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1007		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.1977		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1002		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-114159/2-A
Matrix: Solid
Analysis Batch: 114155

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114159

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1102		mg/Kg		110	70 - 130	9	35
Toluene			0.100	0.1089		mg/Kg		109	70 - 130	7	35
Ethylbenzene			0.100	0.1073		mg/Kg		107	70 - 130	6	35
m,p-Xylenes			0.200	0.2097		mg/Kg		105	70 - 130	6	35
o-Xylene			0.100	0.1060		mg/Kg		106	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-60350-A-1-G MS
Matrix: Solid
Analysis Batch: 114155

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1100		mg/Kg		110	70 - 130		
Toluene	<0.00200	U	0.100	0.1107		mg/Kg		111	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1097		mg/Kg		110	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.2153		mg/Kg		108	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1087		mg/Kg		109	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-60350-A-1-H MSD
Matrix: Solid
Analysis Batch: 114155

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114159

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	0.1047		mg/Kg		105	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.1149		mg/Kg		115	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1170		mg/Kg		117	70 - 130	6	35

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60350-A-1-H MSD
Matrix: Solid
Analysis Batch: 114155

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.2345		mg/Kg		117	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.1181		mg/Kg		118	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

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

Lab Sample ID: MB 880-114068/1-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114068

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		07/14/25 08:51	07/15/25 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/15/25 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/15/25 23:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*07/14/25 08:51*	*07/15/25 23:12*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/14/25 08:51*	*07/15/25 23:12*	*1*

Lab Sample ID: LCS 880-114068/2-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114068

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1070		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1089		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-114068/3-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114068

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1054		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1082		mg/Kg		108	70 - 130	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-114068/3-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114068

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: 890-8448-A-12-C MS
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1316	F1	mg/Kg		132	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1444	F1	mg/Kg		143	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 890-8448-A-12-D MSD
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1367	F1	mg/Kg		137	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1535	F1	mg/Kg		152	70 - 130	6	20

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

Lab Sample ID: MB 880-114110/1-A
Matrix: Solid
Analysis Batch: 114285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114110

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		07/14/25 11:59	07/16/25 12:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 11:59	07/16/25 12:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 11:59	07/16/25 12:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	07/14/25 11:59	07/16/25 12:24	1
o-Terphenyl (Surr)	98		70 - 130	07/14/25 11:59	07/16/25 12:24	1

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-114110/2-A
Matrix: Solid
Analysis Batch: 114285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114110

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1090		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1038		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*119*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-114110/3-A
Matrix: Solid
Analysis Batch: 114285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114110

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1112		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1096		mg/Kg		110	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*98*		*70 - 130*
o-Terphenyl (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-60316-4 MS
Matrix: Solid
Analysis Batch: 114285

Client Sample ID: S-2 (0-3")
Prep Type: Total/NA
Prep Batch: 114110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1398	F1	mg/Kg		140	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1480	F1	mg/Kg		148	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*105*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-60316-4 MSD
Matrix: Solid
Analysis Batch: 114285

Client Sample ID: S-2 (0-3")
Prep Type: Total/NA
Prep Batch: 114110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1368	F1	mg/Kg		137	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1484	F1	mg/Kg		149	70 - 130	0	20

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

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60316-4 MSD
Matrix: Solid
Analysis Batch: 114285

Client Sample ID: S-2 (0-3")
Prep Type: Total/NA
Prep Batch: 114110

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: MB 880-114111/1-A
Matrix: Solid
Analysis Batch: 114162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114111

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		07/14/25 11:59	07/15/25 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 11:59	07/15/25 23:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 11:59	07/15/25 23:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	07/14/25 11:59	07/15/25 23:34	1
o-Terphenyl (Surr)	115		70 - 130	07/14/25 11:59	07/15/25 23:34	1

Lab Sample ID: LCS 880-114111/2-A
Matrix: Solid
Analysis Batch: 114162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114111

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	979.7		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	849.0		mg/Kg		85	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-114111/3-A
Matrix: Solid
Analysis Batch: 114162

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114111

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	984.1		mg/Kg		98	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	815.5		mg/Kg		82	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	109		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60316-24 MS
Matrix: Solid
Analysis Batch: 114162

Client Sample ID: S-8 (12')
Prep Type: Total/NA
Prep Batch: 114111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	1350	F1	mg/Kg		135	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1300		mg/Kg		125	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-60316-24 MSD
Matrix: Solid
Analysis Batch: 114162

Client Sample ID: S-8 (12')
Prep Type: Total/NA
Prep Batch: 114111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	1335	F1	mg/Kg		134	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1279		mg/Kg		123	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*123*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-114113/1-A
Matrix: Solid
Analysis Batch: 114123

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			07/14/25 19:53	1

Lab Sample ID: LCS 880-114113/2-A
Matrix: Solid
Analysis Batch: 114123

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	227.8		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-114113/3-A
Matrix: Solid
Analysis Batch: 114123

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	228.9		mg/Kg		92	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-60315-A-9-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	87.3	F1	249	410.6	F1	mg/Kg		130	90 - 110

Lab Sample ID: 880-60315-A-9-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114123

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87.3	F1	249	411.6	F1	mg/Kg		131	90 - 110	0	20

Lab Sample ID: MB 880-114114/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			07/14/25 23:12	1

Lab Sample ID: LCS 880-114114/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.9		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-114114/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	231.8		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-60316-10 MS — **Client Sample ID: S-4 (0-3")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	114	F1	250	433.7	F1	mg/Kg		128	90 - 110

Lab Sample ID: 880-60316-10 MSD — **Client Sample ID: S-4 (0-3")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	114	F1	250	431.9	F1	mg/Kg		127	90 - 110	0	20

Lab Sample ID: 880-60316-20 MS — **Client Sample ID: S-7 (6")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	158	F1	252	463.7	F1	mg/Kg		121	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-60316-20 MSD — **Client Sample ID: S-7 (6")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114127

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	158	F1	252	460.9	F1	mg/Kg		120	90 - 110	1	20

Lab Sample ID: MB 880-114163/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			07/15/25 11:31	1

Lab Sample ID: LCS 880-114163/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.0		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-114163/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114172

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	230.1		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-60316-30 MS — **Client Sample ID: S-10 (12')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114172

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	129		252	372.2		mg/Kg		97	90 - 110

Lab Sample ID: 880-60316-30 MSD — **Client Sample ID: S-10 (12')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 114172

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	129		252	374.6		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 113989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-113989/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 114063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Total/NA	Solid	8021B	114117
880-60316-2	S-1 (6")	Total/NA	Solid	8021B	114117
880-60316-3	S-1 (12')	Total/NA	Solid	8021B	114117
880-60316-4	S-2 (0-3")	Total/NA	Solid	8021B	114117
880-60316-5	S-2 (6")	Total/NA	Solid	8021B	114117
880-60316-6	S-2 (12')	Total/NA	Solid	8021B	114117
880-60316-7	S-3 (0-3")	Total/NA	Solid	8021B	114117
880-60316-8	S-3 (6")	Total/NA	Solid	8021B	114117
880-60316-9	S-3 (12')	Total/NA	Solid	8021B	114117
880-60316-10	S-4 (0-3")	Total/NA	Solid	8021B	114117
880-60316-11	S-4 (6")	Total/NA	Solid	8021B	114117
880-60316-12	S-4 (12')	Total/NA	Solid	8021B	114117
880-60316-13	S-5 (0-3")	Total/NA	Solid	8021B	114117
880-60316-14	S-5 (6")	Total/NA	Solid	8021B	114117
880-60316-15	S-5 (12')	Total/NA	Solid	8021B	114117
880-60316-16	S-6 (0-3")	Total/NA	Solid	8021B	114117
880-60316-17	S-6 (6")	Total/NA	Solid	8021B	114117
880-60316-18	S-6 (12')	Total/NA	Solid	8021B	114117
880-60316-19	S-7 (0-3")	Total/NA	Solid	8021B	114117
880-60316-20	S-7 (6")	Total/NA	Solid	8021B	114117
MB 880-113989/5-A	Method Blank	Total/NA	Solid	8021B	113989
MB 880-114117/5-A	Method Blank	Total/NA	Solid	8021B	114117
LCS 880-114117/1-A	Lab Control Sample	Total/NA	Solid	8021B	114117
LCSD 880-114117/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	114117
880-60316-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	114117
880-60316-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	114117

Analysis Batch: 114064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-21	S-7 (12')	Total/NA	Solid	8021B	114119
880-60316-22	S-8 (0-3")	Total/NA	Solid	8021B	114119
880-60316-23	S-8 (6")	Total/NA	Solid	8021B	114119
880-60316-24	S-8 (12')	Total/NA	Solid	8021B	114119
880-60316-25	S-9 (0-3")	Total/NA	Solid	8021B	114119
880-60316-26	S-9 (6")	Total/NA	Solid	8021B	114119
880-60316-27	S-9 (12')	Total/NA	Solid	8021B	114119
880-60316-28	S-10 (0-3")	Total/NA	Solid	8021B	114119
880-60316-29	S-10 (6")	Total/NA	Solid	8021B	114119
880-60316-30	S-10 (12')	Total/NA	Solid	8021B	114119
MB 880-114064/8	Method Blank	Total/NA	Solid	8021B	
MB 880-114119/5-A	Method Blank	Total/NA	Solid	8021B	114119
LCS 880-114119/1-A	Lab Control Sample	Total/NA	Solid	8021B	114119
LCSD 880-114119/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	114119
880-60316-21 MS	S-7 (12')	Total/NA	Solid	8021B	114119
880-60316-21 MSD	S-7 (12')	Total/NA	Solid	8021B	114119

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 114117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Total/NA	Solid	5035	
880-60316-2	S-1 (6")	Total/NA	Solid	5035	
880-60316-3	S-1 (12')	Total/NA	Solid	5035	
880-60316-4	S-2 (0-3")	Total/NA	Solid	5035	
880-60316-5	S-2 (6")	Total/NA	Solid	5035	
880-60316-6	S-2 (12')	Total/NA	Solid	5035	
880-60316-7	S-3 (0-3")	Total/NA	Solid	5035	
880-60316-8	S-3 (6")	Total/NA	Solid	5035	
880-60316-9	S-3 (12')	Total/NA	Solid	5035	
880-60316-10	S-4 (0-3")	Total/NA	Solid	5035	
880-60316-11	S-4 (6")	Total/NA	Solid	5035	
880-60316-12	S-4 (12')	Total/NA	Solid	5035	
880-60316-13	S-5 (0-3")	Total/NA	Solid	5035	
880-60316-14	S-5 (6")	Total/NA	Solid	5035	
880-60316-15	S-5 (12')	Total/NA	Solid	5035	
880-60316-16	S-6 (0-3")	Total/NA	Solid	5035	
880-60316-17	S-6 (6")	Total/NA	Solid	5035	
880-60316-18	S-6 (12')	Total/NA	Solid	5035	
880-60316-19	S-7 (0-3")	Total/NA	Solid	5035	
880-60316-20	S-7 (6")	Total/NA	Solid	5035	
MB 880-114117/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-114117/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-114117/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-60316-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-60316-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

Prep Batch: 114119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-21	S-7 (12')	Total/NA	Solid	5035	
880-60316-22	S-8 (0-3")	Total/NA	Solid	5035	
880-60316-23	S-8 (6")	Total/NA	Solid	5035	
880-60316-24	S-8 (12')	Total/NA	Solid	5035	
880-60316-25	S-9 (0-3")	Total/NA	Solid	5035	
880-60316-26	S-9 (6")	Total/NA	Solid	5035	
880-60316-27	S-9 (12')	Total/NA	Solid	5035	
880-60316-28	S-10 (0-3")	Total/NA	Solid	5035	
880-60316-29	S-10 (6")	Total/NA	Solid	5035	
880-60316-30	S-10 (12')	Total/NA	Solid	5035	
MB 880-114119/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-114119/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-114119/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-60316-21 MS	S-7 (12')	Total/NA	Solid	5035	
880-60316-21 MSD	S-7 (12')	Total/NA	Solid	5035	

Analysis Batch: 114155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-31	S-11 (0-3")	Total/NA	Solid	8021B	114159
880-60316-32	S-11 (6")	Total/NA	Solid	8021B	114159
880-60316-33	S-11 (12')	Total/NA	Solid	8021B	114159
MB 880-114159/5-A	Method Blank	Total/NA	Solid	8021B	114159
LCS 880-114159/1-A	Lab Control Sample	Total/NA	Solid	8021B	114159

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 114155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-114159/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	114159
880-60350-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	114159
880-60350-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	114159

Prep Batch: 114159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-31	S-11 (0-3")	Total/NA	Solid	5035	
880-60316-32	S-11 (6")	Total/NA	Solid	5035	
880-60316-33	S-11 (12')	Total/NA	Solid	5035	
MB 880-114159/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-114159/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-114159/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-60350-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-60350-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 114218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-60316-3	S-1 (12')	Total/NA	Solid	Total BTEX	
880-60316-4	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-5	S-2 (6")	Total/NA	Solid	Total BTEX	
880-60316-6	S-2 (12')	Total/NA	Solid	Total BTEX	
880-60316-7	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-8	S-3 (6")	Total/NA	Solid	Total BTEX	
880-60316-9	S-3 (12')	Total/NA	Solid	Total BTEX	
880-60316-10	S-4 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-11	S-4 (6")	Total/NA	Solid	Total BTEX	
880-60316-12	S-4 (12')	Total/NA	Solid	Total BTEX	
880-60316-13	S-5 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-14	S-5 (6")	Total/NA	Solid	Total BTEX	
880-60316-15	S-5 (12')	Total/NA	Solid	Total BTEX	
880-60316-16	S-6 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-17	S-6 (6")	Total/NA	Solid	Total BTEX	
880-60316-18	S-6 (12')	Total/NA	Solid	Total BTEX	
880-60316-19	S-7 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-20	S-7 (6")	Total/NA	Solid	Total BTEX	
880-60316-21	S-7 (12')	Total/NA	Solid	Total BTEX	
880-60316-22	S-8 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-23	S-8 (6")	Total/NA	Solid	Total BTEX	
880-60316-24	S-8 (12')	Total/NA	Solid	Total BTEX	
880-60316-25	S-9 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-26	S-9 (6")	Total/NA	Solid	Total BTEX	
880-60316-27	S-9 (12')	Total/NA	Solid	Total BTEX	
880-60316-28	S-10 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-29	S-10 (6")	Total/NA	Solid	Total BTEX	
880-60316-30	S-10 (12')	Total/NA	Solid	Total BTEX	
880-60316-31	S-11 (0-3")	Total/NA	Solid	Total BTEX	
880-60316-32	S-11 (6")	Total/NA	Solid	Total BTEX	
880-60316-33	S-11 (12')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 114068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-60316-3	S-1 (12')	Total/NA	Solid	8015NM Prep	
MB 880-114068/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-114068/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-114068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8448-A-12-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8448-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 114110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-4	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-5	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-60316-6	S-2 (12')	Total/NA	Solid	8015NM Prep	
880-60316-7	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-8	S-3 (6")	Total/NA	Solid	8015NM Prep	
880-60316-9	S-3 (12')	Total/NA	Solid	8015NM Prep	
880-60316-10	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-11	S-4 (6")	Total/NA	Solid	8015NM Prep	
880-60316-12	S-4 (12')	Total/NA	Solid	8015NM Prep	
880-60316-13	S-5 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-14	S-5 (6")	Total/NA	Solid	8015NM Prep	
880-60316-15	S-5 (12')	Total/NA	Solid	8015NM Prep	
880-60316-16	S-6 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-17	S-6 (6")	Total/NA	Solid	8015NM Prep	
880-60316-18	S-6 (12')	Total/NA	Solid	8015NM Prep	
880-60316-19	S-7 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-20	S-7 (6")	Total/NA	Solid	8015NM Prep	
880-60316-21	S-7 (12')	Total/NA	Solid	8015NM Prep	
880-60316-22	S-8 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-23	S-8 (6")	Total/NA	Solid	8015NM Prep	
MB 880-114110/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-114110/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-114110/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-60316-4 MS	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-4 MSD	S-2 (0-3")	Total/NA	Solid	8015NM Prep	

Prep Batch: 114111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-24	S-8 (12')	Total/NA	Solid	8015NM Prep	
880-60316-25	S-9 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-26	S-9 (6")	Total/NA	Solid	8015NM Prep	
880-60316-27	S-9 (12')	Total/NA	Solid	8015NM Prep	
880-60316-28	S-10 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-29	S-10 (6")	Total/NA	Solid	8015NM Prep	
880-60316-30	S-10 (12')	Total/NA	Solid	8015NM Prep	
880-60316-31	S-11 (0-3")	Total/NA	Solid	8015NM Prep	
880-60316-32	S-11 (6")	Total/NA	Solid	8015NM Prep	
880-60316-33	S-11 (12')	Total/NA	Solid	8015NM Prep	
MB 880-114111/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-114111/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 114111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-114111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-60316-24 MS	S-8 (12')	Total/NA	Solid	8015NM Prep	
880-60316-24 MSD	S-8 (12')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 114162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-24	S-8 (12')	Total/NA	Solid	8015B NM	114111
880-60316-25	S-9 (0-3")	Total/NA	Solid	8015B NM	114111
880-60316-26	S-9 (6")	Total/NA	Solid	8015B NM	114111
880-60316-27	S-9 (12')	Total/NA	Solid	8015B NM	114111
880-60316-28	S-10 (0-3")	Total/NA	Solid	8015B NM	114111
880-60316-29	S-10 (6")	Total/NA	Solid	8015B NM	114111
880-60316-30	S-10 (12')	Total/NA	Solid	8015B NM	114111
880-60316-31	S-11 (0-3")	Total/NA	Solid	8015B NM	114111
880-60316-32	S-11 (6")	Total/NA	Solid	8015B NM	114111
880-60316-33	S-11 (12')	Total/NA	Solid	8015B NM	114111
MB 880-114111/1-A	Method Blank	Total/NA	Solid	8015B NM	114111
LCS 880-114111/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	114111
LCSD 880-114111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	114111
880-60316-24 MS	S-8 (12')	Total/NA	Solid	8015B NM	114111
880-60316-24 MSD	S-8 (12')	Total/NA	Solid	8015B NM	114111

Analysis Batch: 114226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Total/NA	Solid	8015B NM	114068
880-60316-2	S-1 (6")	Total/NA	Solid	8015B NM	114068
880-60316-3	S-1 (12')	Total/NA	Solid	8015B NM	114068
MB 880-114068/1-A	Method Blank	Total/NA	Solid	8015B NM	114068
LCS 880-114068/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	114068
LCSD 880-114068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	114068
890-8448-A-12-C MS	Matrix Spike	Total/NA	Solid	8015B NM	114068
890-8448-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	114068

Analysis Batch: 114269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-60316-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-60316-3	S-1 (12')	Total/NA	Solid	8015 NM	
880-60316-4	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-60316-5	S-2 (6")	Total/NA	Solid	8015 NM	
880-60316-6	S-2 (12')	Total/NA	Solid	8015 NM	
880-60316-7	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-60316-8	S-3 (6")	Total/NA	Solid	8015 NM	
880-60316-9	S-3 (12')	Total/NA	Solid	8015 NM	
880-60316-10	S-4 (0-3")	Total/NA	Solid	8015 NM	
880-60316-11	S-4 (6")	Total/NA	Solid	8015 NM	
880-60316-12	S-4 (12')	Total/NA	Solid	8015 NM	
880-60316-13	S-5 (0-3")	Total/NA	Solid	8015 NM	
880-60316-14	S-5 (6")	Total/NA	Solid	8015 NM	
880-60316-15	S-5 (12')	Total/NA	Solid	8015 NM	
880-60316-16	S-6 (0-3")	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 114269 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-17	S-6 (6")	Total/NA	Solid	8015 NM	
880-60316-18	S-6 (12')	Total/NA	Solid	8015 NM	
880-60316-19	S-7 (0-3")	Total/NA	Solid	8015 NM	
880-60316-20	S-7 (6")	Total/NA	Solid	8015 NM	
880-60316-21	S-7 (12')	Total/NA	Solid	8015 NM	
880-60316-22	S-8 (0-3")	Total/NA	Solid	8015 NM	
880-60316-23	S-8 (6")	Total/NA	Solid	8015 NM	
880-60316-24	S-8 (12')	Total/NA	Solid	8015 NM	
880-60316-25	S-9 (0-3")	Total/NA	Solid	8015 NM	
880-60316-26	S-9 (6")	Total/NA	Solid	8015 NM	
880-60316-27	S-9 (12')	Total/NA	Solid	8015 NM	
880-60316-28	S-10 (0-3")	Total/NA	Solid	8015 NM	
880-60316-29	S-10 (6")	Total/NA	Solid	8015 NM	
880-60316-30	S-10 (12')	Total/NA	Solid	8015 NM	
880-60316-31	S-11 (0-3")	Total/NA	Solid	8015 NM	
880-60316-32	S-11 (6")	Total/NA	Solid	8015 NM	
880-60316-33	S-11 (12')	Total/NA	Solid	8015 NM	

Analysis Batch: 114285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-4	S-2 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-5	S-2 (6")	Total/NA	Solid	8015B NM	114110
880-60316-6	S-2 (12')	Total/NA	Solid	8015B NM	114110
880-60316-7	S-3 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-8	S-3 (6")	Total/NA	Solid	8015B NM	114110
880-60316-9	S-3 (12')	Total/NA	Solid	8015B NM	114110
880-60316-10	S-4 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-11	S-4 (6")	Total/NA	Solid	8015B NM	114110
880-60316-12	S-4 (12')	Total/NA	Solid	8015B NM	114110
880-60316-13	S-5 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-14	S-5 (6")	Total/NA	Solid	8015B NM	114110
880-60316-15	S-5 (12')	Total/NA	Solid	8015B NM	114110
880-60316-16	S-6 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-17	S-6 (6")	Total/NA	Solid	8015B NM	114110
880-60316-18	S-6 (12')	Total/NA	Solid	8015B NM	114110
880-60316-19	S-7 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-20	S-7 (6")	Total/NA	Solid	8015B NM	114110
880-60316-21	S-7 (12')	Total/NA	Solid	8015B NM	114110
880-60316-22	S-8 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-23	S-8 (6")	Total/NA	Solid	8015B NM	114110
MB 880-114110/1-A	Method Blank	Total/NA	Solid	8015B NM	114110
LCS 880-114110/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	114110
LCSD 880-114110/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	114110
880-60316-4 MS	S-2 (0-3")	Total/NA	Solid	8015B NM	114110
880-60316-4 MSD	S-2 (0-3")	Total/NA	Solid	8015B NM	114110

HPLC/IC

Leach Batch: 114113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 114113 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-2	S-1 (6")	Soluble	Solid	DI Leach	
880-60316-3	S-1 (12')	Soluble	Solid	DI Leach	
880-60316-4	S-2 (0-3")	Soluble	Solid	DI Leach	
880-60316-5	S-2 (6")	Soluble	Solid	DI Leach	
880-60316-6	S-2 (12')	Soluble	Solid	DI Leach	
880-60316-7	S-3 (0-3")	Soluble	Solid	DI Leach	
880-60316-8	S-3 (6")	Soluble	Solid	DI Leach	
880-60316-9	S-3 (12')	Soluble	Solid	DI Leach	
MB 880-114113/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-114113/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-114113/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-60315-A-9-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-60315-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 114114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-10	S-4 (0-3")	Soluble	Solid	DI Leach	
880-60316-11	S-4 (6")	Soluble	Solid	DI Leach	
880-60316-12	S-4 (12')	Soluble	Solid	DI Leach	
880-60316-13	S-5 (0-3")	Soluble	Solid	DI Leach	
880-60316-14	S-5 (6")	Soluble	Solid	DI Leach	
880-60316-15	S-5 (12')	Soluble	Solid	DI Leach	
880-60316-16	S-6 (0-3")	Soluble	Solid	DI Leach	
880-60316-17	S-6 (6")	Soluble	Solid	DI Leach	
880-60316-18	S-6 (12')	Soluble	Solid	DI Leach	
880-60316-19	S-7 (0-3")	Soluble	Solid	DI Leach	
880-60316-20	S-7 (6")	Soluble	Solid	DI Leach	
880-60316-21	S-7 (12')	Soluble	Solid	DI Leach	
880-60316-22	S-8 (0-3")	Soluble	Solid	DI Leach	
880-60316-23	S-8 (6")	Soluble	Solid	DI Leach	
880-60316-24	S-8 (12')	Soluble	Solid	DI Leach	
880-60316-25	S-9 (0-3")	Soluble	Solid	DI Leach	
880-60316-26	S-9 (6")	Soluble	Solid	DI Leach	
880-60316-27	S-9 (12')	Soluble	Solid	DI Leach	
880-60316-28	S-10 (0-3")	Soluble	Solid	DI Leach	
880-60316-29	S-10 (6")	Soluble	Solid	DI Leach	
MB 880-114114/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-114114/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-114114/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-60316-10 MS	S-4 (0-3")	Soluble	Solid	DI Leach	
880-60316-10 MSD	S-4 (0-3")	Soluble	Solid	DI Leach	
880-60316-20 MS	S-7 (6")	Soluble	Solid	DI Leach	
880-60316-20 MSD	S-7 (6")	Soluble	Solid	DI Leach	

Analysis Batch: 114123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-1	S-1 (0-3")	Soluble	Solid	300.0	114113
880-60316-2	S-1 (6")	Soluble	Solid	300.0	114113
880-60316-3	S-1 (12')	Soluble	Solid	300.0	114113
880-60316-4	S-2 (0-3")	Soluble	Solid	300.0	114113
880-60316-5	S-2 (6")	Soluble	Solid	300.0	114113

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 114123 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-6	S-2 (12')	Soluble	Solid	300.0	114113
880-60316-7	S-3 (0-3")	Soluble	Solid	300.0	114113
880-60316-8	S-3 (6")	Soluble	Solid	300.0	114113
880-60316-9	S-3 (12')	Soluble	Solid	300.0	114113
MB 880-114113/1-A	Method Blank	Soluble	Solid	300.0	114113
LCS 880-114113/2-A	Lab Control Sample	Soluble	Solid	300.0	114113
LCSD 880-114113/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	114113
880-60315-A-9-C MS	Matrix Spike	Soluble	Solid	300.0	114113
880-60315-A-9-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	114113

Analysis Batch: 114127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-10	S-4 (0-3")	Soluble	Solid	300.0	114114
880-60316-11	S-4 (6")	Soluble	Solid	300.0	114114
880-60316-12	S-4 (12')	Soluble	Solid	300.0	114114
880-60316-13	S-5 (0-3")	Soluble	Solid	300.0	114114
880-60316-14	S-5 (6")	Soluble	Solid	300.0	114114
880-60316-15	S-5 (12')	Soluble	Solid	300.0	114114
880-60316-16	S-6 (0-3")	Soluble	Solid	300.0	114114
880-60316-17	S-6 (6")	Soluble	Solid	300.0	114114
880-60316-18	S-6 (12')	Soluble	Solid	300.0	114114
880-60316-19	S-7 (0-3")	Soluble	Solid	300.0	114114
880-60316-20	S-7 (6")	Soluble	Solid	300.0	114114
880-60316-21	S-7 (12')	Soluble	Solid	300.0	114114
880-60316-22	S-8 (0-3")	Soluble	Solid	300.0	114114
880-60316-23	S-8 (6")	Soluble	Solid	300.0	114114
880-60316-24	S-8 (12')	Soluble	Solid	300.0	114114
880-60316-25	S-9 (0-3")	Soluble	Solid	300.0	114114
880-60316-26	S-9 (6")	Soluble	Solid	300.0	114114
880-60316-27	S-9 (12')	Soluble	Solid	300.0	114114
880-60316-28	S-10 (0-3")	Soluble	Solid	300.0	114114
880-60316-29	S-10 (6")	Soluble	Solid	300.0	114114
MB 880-114114/1-A	Method Blank	Soluble	Solid	300.0	114114
LCS 880-114114/2-A	Lab Control Sample	Soluble	Solid	300.0	114114
LCSD 880-114114/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	114114
880-60316-10 MS	S-4 (0-3")	Soluble	Solid	300.0	114114
880-60316-10 MSD	S-4 (0-3")	Soluble	Solid	300.0	114114
880-60316-20 MS	S-7 (6")	Soluble	Solid	300.0	114114
880-60316-20 MSD	S-7 (6")	Soluble	Solid	300.0	114114

Leach Batch: 114163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-30	S-10 (12')	Soluble	Solid	DI Leach	
880-60316-31	S-11 (0-3")	Soluble	Solid	DI Leach	
880-60316-32	S-11 (6")	Soluble	Solid	DI Leach	
880-60316-33	S-11 (12')	Soluble	Solid	DI Leach	
MB 880-114163/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-114163/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-114163/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-60316-30 MS	S-10 (12')	Soluble	Solid	DI Leach	
880-60316-30 MSD	S-10 (12')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 114172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60316-30	S-10 (12')	Soluble	Solid	300.0	114163
880-60316-31	S-11 (0-3")	Soluble	Solid	300.0	114163
880-60316-32	S-11 (6")	Soluble	Solid	300.0	114163
880-60316-33	S-11 (12')	Soluble	Solid	300.0	114163
MB 880-114163/1-A	Method Blank	Soluble	Solid	300.0	114163
LCS 880-114163/2-A	Lab Control Sample	Soluble	Solid	300.0	114163
LCSD 880-114163/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	114163
880-60316-30 MS	S-10 (12')	Soluble	Solid	300.0	114163
880-60316-30 MSD	S-10 (12')	Soluble	Solid	300.0	114163

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60316-1
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 01:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 10:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 10:44	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:47	CS	EET MID

Client Sample ID: S-1 (6")

Lab Sample ID: 880-60316-2
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 01:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 11:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 11:01	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:52	CS	EET MID

Client Sample ID: S-1 (12')

Lab Sample ID: 880-60316-3
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 01:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 11:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 11:17	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:09	CS	EET MID

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-60316-4
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 02:04	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-60316-4
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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			114269	07/16/25 14:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 14:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:15	CS	EET MID

Client Sample ID: S-2 (6")

Lab Sample ID: 880-60316-5
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 02:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 15:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 15:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:21	CS	EET MID

Client Sample ID: S-2 (12')

Lab Sample ID: 880-60316-6
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 02:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 15:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 15:42	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:26	CS	EET MID

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-60316-7
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 03:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 15:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 15:59	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-60316-7
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:32	CS	EET MID

Client Sample ID: S-3 (6")

Lab Sample ID: 880-60316-8
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 03:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 16:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 16:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:38	CS	EET MID

Client Sample ID: S-3 (12')

Lab Sample ID: 880-60316-9
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 03:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 16:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 16:33	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 22:43	CS	EET MID

Client Sample ID: S-4 (0-3")

Lab Sample ID: 880-60316-10
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 04:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 16:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 16:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/14/25 23:29	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (6")

Lab Sample ID: 880-60316-11
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 05:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 05:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 17:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 17:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/14/25 23:46	CS	EET MID

Client Sample ID: S-4 (12')

Lab Sample ID: 880-60316-12
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 06:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 06:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 17:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 17:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/14/25 23:51	CS	EET MID

Client Sample ID: S-5 (0-3")

Lab Sample ID: 880-60316-13
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 06:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 06:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 17:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 17:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/14/25 23:57	CS	EET MID

Client Sample ID: S-5 (6")

Lab Sample ID: 880-60316-14
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 06:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 06:43	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (6")

Lab Sample ID: 880-60316-14
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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			114269	07/16/25 18:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 18:12	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:03	CS	EET MID

Client Sample ID: S-5 (12')

Lab Sample ID: 880-60316-15
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 07:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 07:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 18:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 18:29	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:20	CS	EET MID

Client Sample ID: S-6 (0-3")

Lab Sample ID: 880-60316-16
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 07:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 07:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 18:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 18:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:25	CS	EET MID

Client Sample ID: S-6 (6")

Lab Sample ID: 880-60316-17
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 07:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 07:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 19:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 19:01	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (6")

Lab Sample ID: 880-60316-17
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:31	CS	EET MID

Client Sample ID: S-6 (12')

Lab Sample ID: 880-60316-18
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 08:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 08:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 19:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 19:17	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:37	CS	EET MID

Client Sample ID: S-7 (0-3")

Lab Sample ID: 880-60316-19
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 08:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 08:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 19:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 19:33	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:42	CS	EET MID

Client Sample ID: S-7 (6")

Lab Sample ID: 880-60316-20
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114117	07/14/25 13:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/15/25 08:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 08:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 19:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 19:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 00:48	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (12')
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 17:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 20:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 20:06	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:05	CS	EET MID

Client Sample ID: S-8 (0-3")
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 17:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 20:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 20:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:11	CS	EET MID

Client Sample ID: S-8 (6")
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 20:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114110	07/14/25 12:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114285	07/16/25 20:39	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:28	CS	EET MID

Client Sample ID: S-8 (12')
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60316-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 18:36	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (12')

Lab Sample ID: 880-60316-24
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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			114269	07/16/25 00:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 00:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:33	CS	EET MID

Client Sample ID: S-9 (0-3")

Lab Sample ID: 880-60316-25
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 01:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 01:05	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:39	CS	EET MID

Client Sample ID: S-9 (6")

Lab Sample ID: 880-60316-26
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 19:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 19:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 01:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 01:20	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:45	CS	EET MID

Client Sample ID: S-9 (12')

Lab Sample ID: 880-60316-27
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 19:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 01:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 01:35	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (12')

Lab Sample ID: 880-60316-27
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:50	CS	EET MID

Client Sample ID: S-10 (0-3")

Lab Sample ID: 880-60316-28
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 19:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 19:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 01:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 01:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 01:56	CS	EET MID

Client Sample ID: S-10 (6")

Lab Sample ID: 880-60316-29
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 20:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 20:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 02:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 02:05	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114114	07/14/25 13:02	SI	EET MID
Soluble	Analysis	300.0		1			114127	07/15/25 02:02	CS	EET MID

Client Sample ID: S-10 (12')

Lab Sample ID: 880-60316-30
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114119	07/14/25 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114064	07/14/25 20:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/14/25 20:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 02:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 02:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114163	07/15/25 09:31	SI	EET MID
Soluble	Analysis	300.0		1			114172	07/15/25 11:54	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-3")

Lab Sample ID: 880-60316-31
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114159	07/15/25 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114155	07/15/25 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 13:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 02:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 02:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114163	07/15/25 09:31	SI	EET MID
Soluble	Analysis	300.0		1			114172	07/15/25 12:17	CS	EET MID

Client Sample ID: S-11 (6")

Lab Sample ID: 880-60316-32
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114159	07/15/25 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114155	07/15/25 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 13:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 02:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	114163	07/15/25 09:31	SI	EET MID
Soluble	Analysis	300.0		1			114172	07/15/25 12:25	CS	EET MID

Client Sample ID: S-11 (12')

Lab Sample ID: 880-60316-33
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	114159	07/15/25 08:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114155	07/15/25 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114218	07/15/25 14:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			114269	07/16/25 03:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	114111	07/14/25 12:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114162	07/16/25 03:05	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114163	07/15/25 09:31	SI	EET MID
Soluble	Analysis	300.0		1			114172	07/15/25 12:32	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: Smalls Federal

Job ID: 880-60316-1
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: Smalls Federal

Job ID: 880-60316-1
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: Smalls Federal

Job ID: 880-60316-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-60316-1	S-1 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-2	S-1 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-3	S-1 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-4	S-2 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-5	S-2 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-6	S-2 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-7	S-3 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-8	S-3 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-9	S-3 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-10	S-4 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-11	S-4 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-12	S-4 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-13	S-5 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-14	S-5 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-15	S-5 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-16	S-6 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-17	S-6 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-18	S-6 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-19	S-7 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-20	S-7 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-21	S-7 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-22	S-8 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-23	S-8 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-24	S-8 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-25	S-9 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-26	S-9 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-27	S-9 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-28	S-10 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-29	S-10 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-30	S-10 (12')	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-31	S-11 (0-3")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-32	S-11 (6")	Solid	07/11/25 00:00	07/14/25 10:31
880-60316-33	S-11 (12')	Solid	07/11/25 00:00	07/14/25 10:31

Chain of Custody

880-60316 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.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:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 Hour TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	328	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.6	
Total Containers:		Corrected Temperature:	-5.7	

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	Sample Comments
S-1 (0-3")	7/11/2025		X		G	1		X	X	X	
S-1 (6")	7/11/2025		X		G	1		X	X	X	
S-1 (12')	7/11/2025		X		G	1		X	X	X	
S-2 (0-3")	7/11/2025		X		G	1		X	X	X	
S-2 (6")	7/11/2025		X		G	1		X	X	X	
S-2 (12')	7/11/2025		X		G	1		X	X	X	
S-3 (0-3")	7/11/2025		X		G	1		X	X	X	
S-3 (6")	7/11/2025		X		G	1		X	X	X	
S-3 (12')	7/11/2025		X		G	1		X	X	X	
S-4 (0-3")	7/11/2025		X		G	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			7/14/25 1031

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.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:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hour TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-4 (6")	7/11/2025		X		G	1		X	X	X	
S-4 (12')	7/11/2025		X		G	1		X	X	X	
S-5 (0-3")	7/11/2025		X		G	1		X	X	X	
S-5 (6")	7/11/2025		X		G	1		X	X	X	
S-5 (12')	7/11/2025		X		G	1		X	X	X	
S-6 (0-3")	7/11/2025		X		G	1		X	X	X	
S-6 (6")	7/11/2025		X		G	1		X	X	X	
S-6 (12')	7/11/2025		X		G	1		X	X	X	
S-7 (0-3")	7/11/2025		X		G	1		X	X	X	
S-7 (6")	7/11/2025		X		G	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			7/14/25 1031

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.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:	Smalls Federal	Turn Around	
Project Number:	2780	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 Hour TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-7 (12')	7/11/2025		X		G	1		X	X	X	
S-8 (0-3")	7/11/2025		X		G	1		X	X	X	
S-8 (6")	7/11/2025		X		G	1		X	X	X	
S-8 (12')	7/11/2025		X		G	1		X	X	X	
S-9 (0-3")	7/11/2025		X		G	1		X	X	X	
S-9 (6")	7/11/2025		X		G	1		X	X	X	
S-9 (12')	7/11/2025		X		G	1		X	X	X	
S-10 (0-3")	7/11/2025		X		G	1		X	X	X	
S-10 (6")	7/11/2025		X		G	1		X	X	X	
S-10 (12')	7/11/2025		X		G	1		X	X	X	

Parameters

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			7/14/25 1031

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.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:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 Hour TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-11 (0-3")	7/11/2025		X		G	1		X	X	X	
S-11 (6")	7/11/2025		X		G	1		X	X	X	
S-11 (12')	7/11/2025		X		G	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			7/14/25 1031

Chain of Custody

880-60315 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.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:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 Hour TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.6
Total Containers:		Corrected Temperature:	-5.7

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-1')	7/11/2025		X		G	1		X	X	X	
H-2 (0-1')	7/11/2025		X		G	1		X	X	X	
H-3 (0-1')	7/11/2025		X		G	1		X	X	X	
H-4 (0-1')	7/11/2025		X		G	1		X	X	X	
H-5 (0-1')	7/11/2025		X		G	1		X	X	X	
H-6 (0-1')	7/11/2025		X		G	1		X	X	X	
H-7 (0-1')	7/11/2025		X		G	1		X	X	X	
H-8 (0-1')	7/11/2025		X		G	1		X	X	X	
H-9 (0-1')	7/11/2025		X		G	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			7/14/25 1031

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-60316-1
SDG Number: Lea County, New Mexico

Login Number: 60316
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/16/2025 3:59:13 PM

JOB DESCRIPTION

Smalls Federal
Lea County, New Mexico

JOB NUMBER

880-60315-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

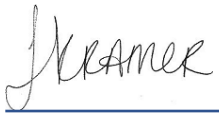
Eurofins Midland

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: Smalls Federal

Laboratory Job ID: 880-60315-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Smalls Federal

Job ID: 880-60315-1

Job ID: 880-60315-1 Eurofins Midland

Job Narrative
880-60315-1

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

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

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

Receipt
The samples were received on 7/14/2025 10:31 AM. 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 -5.7°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113989 and analytical batch 880-114063 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-9 (0-1') (880-60315-9), (CCV 880-114062/51), (880-60318-A-1-E) and (880-60318-A-1-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-114120 and analytical batch 880-114062 was outside the upper control limits.

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

Diesel Range Organics
Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-114226 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-114226/32).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114068 and analytical batch 880-114226 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-4 (0-1') (880-60315-4). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114113 and analytical batch 880-114123 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-1
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 19:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 19:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 19:23	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 13:45	07/14/25 19:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 19:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 13:45	07/14/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/14/25 13:45*	*07/14/25 19:23*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/14/25 13:45*	*07/14/25 19:23*	*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			07/14/25 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/16/25 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/14/25 08:51	07/16/25 02:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/14/25 08:51	07/16/25 02:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/14/25 08:51	07/16/25 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 08:51*	*07/16/25 02:43*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*07/14/25 08:51*	*07/16/25 02:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.4**		10.1		mg/Kg			07/14/25 20:33	1

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

Lab Sample ID: 880-60315-2
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 19:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 19:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 19:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/14/25 13:45	07/14/25 19:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 19:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/14/25 13:45	07/14/25 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*07/14/25 13:45*	*07/14/25 19:44*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/14/25 13:45*	*07/14/25 19:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-2
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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			07/14/25 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 03:00	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	49.8		mg/Kg		07/14/25 08:51	07/16/25 03:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 03:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 08:51*	*07/16/25 03:00*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/14/25 08:51*	*07/16/25 03:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.0**		9.98		mg/Kg			07/14/25 20:39	1

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

Lab Sample ID: 880-60315-3
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 20:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/14/25 13:45	07/14/25 20:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/14/25 13:45	07/14/25 20:04	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/14/25 13:45	07/14/25 20:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/14/25 13:45	07/14/25 20:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/14/25 13:45	07/14/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/14/25 13:45*	*07/14/25 20:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/14/25 13:45*	*07/14/25 20:04*	*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			07/14/25 20:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 03:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 03:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 03:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-3
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 08:51	07/16/25 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*07/14/25 08:51*	*07/16/25 03:31*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/14/25 08:51*	*07/16/25 03:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.3**		10.0		mg/Kg			07/14/25 20:45	1

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

Lab Sample ID: 880-60315-4
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 20:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/14/25 13:45	07/14/25 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 20:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:45	07/14/25 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/14/25 13:45*	*07/14/25 20:25*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/14/25 13:45*	*07/14/25 20:25*	*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			07/14/25 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/16/25 09:05	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		07/14/25 08:51	07/16/25 09:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 09:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:05*	*1*
o-Terphenyl (Surr)	*211*	*S1+*	*70 - 130*	*07/14/25 08:51*	*07/16/25 09:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.5**		9.96		mg/Kg			07/14/25 21:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-5
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 20:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:45	07/14/25 20:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:45	07/14/25 20:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:45	07/14/25 20:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:45	07/14/25 20:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:45	07/14/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/14/25 13:45*	*07/14/25 20:45*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/14/25 13:45*	*07/14/25 20:45*	*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			07/14/25 20:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/16/25 09:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 09:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 09:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/25 08:51	07/16/25 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:20*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.6**		10.0		mg/Kg			07/14/25 21:07	1

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

Lab Sample ID: 880-60315-6
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 21:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:45	07/14/25 21:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:45	07/14/25 21:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/14/25 13:45	07/14/25 21:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/14/25 13:45	07/14/25 21:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/14/25 13:45	07/14/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/14/25 13:45*	*07/14/25 21:06*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/14/25 13:45*	*07/14/25 21:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-6
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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			07/14/25 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/16/25 09:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 09:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 09:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:37*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.3**		9.98		mg/Kg			07/14/25 21:13	1

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

Lab Sample ID: 880-60315-7
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:45	07/14/25 21:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 21:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 21:26	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/14/25 13:45	07/14/25 21:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:45	07/14/25 21:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/14/25 13:45	07/14/25 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/14/25 13:45*	*07/14/25 21:26*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/14/25 13:45*	*07/14/25 21:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/14/25 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 09:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 09:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-7
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 08:51	07/16/25 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:54*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/14/25 08:51*	*07/16/25 09:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.2**		10.1		mg/Kg			07/14/25 21:18	1

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

Lab Sample ID: 880-60315-8
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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		07/14/25 13:56	07/14/25 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:56	07/14/25 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:56	07/14/25 19:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/14/25 13:56	07/14/25 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 13:56	07/14/25 19:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/14/25 13:56	07/14/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*07/14/25 13:56*	*07/14/25 19:59*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/14/25 13:56*	*07/14/25 19:59*	*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			07/14/25 19:59	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			07/16/25 10:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 10:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 10:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/16/25 10:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/14/25 08:51*	*07/16/25 10:11*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/14/25 08:51*	*07/16/25 10:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.2**		9.98		mg/Kg			07/14/25 21:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

Lab Sample ID: 880-60315-9

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		07/14/25 14:02	07/15/25 05:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/14/25 14:02	07/15/25 05:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/14/25 14:02	07/15/25 05:54	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/14/25 14:02	07/15/25 05:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/14/25 14:02	07/15/25 05:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/14/25 14:02	07/15/25 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*07/14/25 14:02*	*07/15/25 05:54*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*07/14/25 14:02*	*07/15/25 05:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/15/25 05:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/16/25 10:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 10:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 10:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/25 08:51	07/16/25 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/14/25 08:51*	*07/16/25 10:28*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/14/25 08:51*	*07/16/25 10:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.3**	**F1**	9.94		mg/Kg			07/14/25 21:30	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
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)
880-60272-A-7-B MS	Matrix Spike	102	100
880-60272-A-7-C MSD	Matrix Spike Duplicate	102	95
880-60315-1	H-1 (0-1')	95	96
880-60315-2	H-2 (0-1')	82	108
880-60315-3	H-3 (0-1')	96	94
880-60315-4	H-4 (0-1')	98	90
880-60315-5	H-5 (0-1')	97	93
880-60315-6	H-6 (0-1')	99	92
880-60315-7	H-7 (0-1')	96	89
880-60315-8	H-8 (0-1')	129	87
880-60315-9	H-9 (0-1')	136 S1+	83
880-60318-A-1-C MS	Matrix Spike	135 S1+	91
880-60318-A-1-D MSD	Matrix Spike Duplicate	128	93
890-8448-A-1-C MS	Matrix Spike	119	94
890-8448-A-1-D MSD	Matrix Spike Duplicate	124	94
LCS 880-113989/1-A	Lab Control Sample	96	102
LCS 880-114076/1-A	Lab Control Sample	130	90
LCS 880-114120/1-A	Lab Control Sample	127	92
LCSD 880-113989/2-A	Lab Control Sample Dup	99	97
LCSD 880-114076/2-A	Lab Control Sample Dup	117	96
LCSD 880-114120/2-A	Lab Control Sample Dup	126	94
MB 880-113989/5-A	Method Blank	102	81
MB 880-114076/5-A	Method Blank	121	88
MB 880-114120/5-A	Method Blank	132 S1+	80

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)
880-60315-1	H-1 (0-1')	114	100
880-60315-2	H-2 (0-1')	114	103
880-60315-3	H-3 (0-1')	116	103
880-60315-4	H-4 (0-1')	120	211 S1+
880-60315-5	H-5 (0-1')	118	104
880-60315-6	H-6 (0-1')	114	101
880-60315-7	H-7 (0-1')	113	99
880-60315-8	H-8 (0-1')	114	103
880-60315-9	H-9 (0-1')	113	101
890-8448-A-12-C MS	Matrix Spike	96	94
890-8448-A-12-D MSD	Matrix Spike Duplicate	100	98
LCS 880-114068/2-A	Lab Control Sample	106	108
LCSD 880-114068/3-A	Lab Control Sample Dup	107	109
MB 880-114068/1-A	Method Blank	125	120

Surrogate Legend

Surrogate Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-113989/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114063 — **Prep Batch: 113989**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/11/25 17:00	07/14/25 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/11/25 17:00	07/14/25 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/11/25 17:00*	*07/14/25 12:09*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*07/11/25 17:00*	*07/14/25 12:09*	*1*

Lab Sample ID: LCS 880-113989/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114063 — **Prep Batch: 113989**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09332		mg/Kg		93	70 - 130		
Toluene			0.100	0.09060		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130		
m,p-Xylenes			0.200	0.2086		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1049		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-113989/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114063 — **Prep Batch: 113989**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09020		mg/Kg		90	70 - 130	3	35
Toluene			0.100	0.09109		mg/Kg		91	70 - 130	1	35
Ethylbenzene			0.100	0.1023		mg/Kg		102	70 - 130	0	35
m,p-Xylenes			0.200	0.2091		mg/Kg		105	70 - 130	0	35
o-Xylene			0.100	0.1051		mg/Kg		105	70 - 130	0	35

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

Lab Sample ID: 880-60272-A-7-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114063 — **Prep Batch: 113989**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.07028		mg/Kg		70	70 - 130		
Toluene	<0.00200	U F1	0.100	0.06341	F1	mg/Kg		63	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60272-A-7-B MS
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 113989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.06083	F1	mg/Kg		61	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1192	F1	mg/Kg		60	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06087	F1	mg/Kg		61	70 - 130

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

Lab Sample ID: 880-60272-A-7-C MSD
Matrix: Solid
Analysis Batch: 114063

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 113989

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06845	F1	mg/Kg		68	70 - 130	3	35
Toluene	<0.00200	U F1	0.100	0.06464	F1	mg/Kg		65	70 - 130	2	35
Ethylbenzene	<0.00200	U F1	0.100	0.06484	F1	mg/Kg		65	70 - 130	6	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1270	F1	mg/Kg		64	70 - 130	6	35
o-Xylene	<0.00200	U F1	0.100	0.06505	F1	mg/Kg		65	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-114076/5-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/14/25 09:06	07/14/25 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 09:06	07/14/25 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 09:06	07/14/25 11:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 09:06	07/14/25 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 09:06	07/14/25 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 09:06	07/14/25 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/14/25 09:06*	*07/14/25 11:55*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/14/25 09:06*	*07/14/25 11:55*	*1*

Lab Sample ID: LCS 880-114076/1-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09363		mg/Kg		94	70 - 130
Toluene	0.100	0.09917		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09965		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1989		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-114076/1-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114076

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1008		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-114076/2-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114076

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1060		mg/Kg		106	70 - 130	12	35
Toluene			0.100	0.1052		mg/Kg		105	70 - 130	6	35
Ethylbenzene			0.100	0.1033		mg/Kg		103	70 - 130	4	35
m,p-Xylenes			0.200	0.2023		mg/Kg		101	70 - 130	2	35
o-Xylene			0.100	0.1022		mg/Kg		102	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-8448-A-1-C MS
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114076

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09634		mg/Kg		96	70 - 130		
Toluene	<0.00200	U	0.100	0.09524		mg/Kg		95	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09232		mg/Kg		92	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.1798		mg/Kg		90	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09038		mg/Kg		90	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-8448-A-1-D MSD
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114076

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	0.09675		mg/Kg		97	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09554		mg/Kg		96	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09231		mg/Kg		92	70 - 130	0	35
m,p-Xylenes	<0.00399	U	0.200	0.1794		mg/Kg		90	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09028		mg/Kg		90	70 - 130	0	35

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-8448-A-1-D MSD
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114076

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 880-114120/5-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114120

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/14/25 14:02	07/14/25 22:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/14/25 14:02	07/14/25 22:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/14/25 14:02	07/14/25 22:52	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/14/25 14:02	07/14/25 22:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/14/25 14:02	07/14/25 22:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/14/25 14:02	07/14/25 22:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*07/14/25 14:02*	*07/14/25 22:52*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*07/14/25 14:02*	*07/14/25 22:52*	*1*

Lab Sample ID: LCS 880-114120/1-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114120

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09963		mg/Kg		100	70 - 130		
Toluene			0.100	0.09869		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.09645		mg/Kg		96	70 - 130		
m,p-Xylenes			0.200	0.1882		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09668		mg/Kg		97	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-114120/2-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114120

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09277		mg/Kg		93	70 - 130	7	35
Toluene			0.100	0.09089		mg/Kg		91	70 - 130	8	35
Ethylbenzene			0.100	0.08825		mg/Kg		88	70 - 130	9	35
m,p-Xylenes			0.200	0.1718		mg/Kg		86	70 - 130	9	35
o-Xylene			0.100	0.08891		mg/Kg		89	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-114120/2-A
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114120

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-60318-A-1-C MS
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114120

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09859		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.09694		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09366		mg/Kg		94	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1813		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09153		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-60318-A-1-D MSD
Matrix: Solid
Analysis Batch: 114062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114120

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	0.09956		mg/Kg		100	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09597		mg/Kg		96	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09240		mg/Kg		92	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1768		mg/Kg		88	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08961		mg/Kg		90	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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

Lab Sample ID: MB 880-114068/1-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114068

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		07/14/25 08:51	07/15/25 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/15/25 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/25 08:51	07/15/25 23:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130	07/14/25 08:51	07/15/25 23:12	1
o-Terphenyl (Surr)	120		70 - 130	07/14/25 08:51	07/15/25 23:12	1

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-114068/2-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114068

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1070		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1089		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-114068/3-A
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114068

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1054		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1082		mg/Kg		108	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: 890-8448-A-12-C MS
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1316	F1	mg/Kg		132	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1444	F1	mg/Kg		143	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*
o-Terphenyl (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-8448-A-12-D MSD
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	1367	F1	mg/Kg		137	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	1535	F1	mg/Kg		152	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-8448-A-12-D MSD
Matrix: Solid
Analysis Batch: 114226

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114068

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	98		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-114113/1-A
Matrix: Solid
Analysis Batch: 114123

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			07/14/25 19:53	1

Lab Sample ID: LCS 880-114113/2-A
Matrix: Solid
Analysis Batch: 114123

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	227.8		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-114113/3-A
Matrix: Solid
Analysis Batch: 114123

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	228.9		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-60315-9 MS
Matrix: Solid
Analysis Batch: 114123

Client Sample ID: H-9 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	87.3	F1	249	410.6	F1	mg/Kg		130	90 - 110		

Lab Sample ID: 880-60315-9 MSD
Matrix: Solid
Analysis Batch: 114123

Client Sample ID: H-9 (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	87.3	F1	249	411.6	F1	mg/Kg		131	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 113989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Total/NA	Solid	5035	
880-60315-2	H-2 (0-1')	Total/NA	Solid	5035	
880-60315-3	H-3 (0-1')	Total/NA	Solid	5035	
880-60315-4	H-4 (0-1')	Total/NA	Solid	5035	
880-60315-5	H-5 (0-1')	Total/NA	Solid	5035	
880-60315-6	H-6 (0-1')	Total/NA	Solid	5035	
880-60315-7	H-7 (0-1')	Total/NA	Solid	5035	
MB 880-113989/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113989/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113989/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-60272-A-7-B MS	Matrix Spike	Total/NA	Solid	5035	
880-60272-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 114062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-8	H-8 (0-1')	Total/NA	Solid	8021B	114076
880-60315-9	H-9 (0-1')	Total/NA	Solid	8021B	114120
MB 880-114076/5-A	Method Blank	Total/NA	Solid	8021B	114076
MB 880-114120/5-A	Method Blank	Total/NA	Solid	8021B	114120
LCS 880-114076/1-A	Lab Control Sample	Total/NA	Solid	8021B	114076
LCS 880-114120/1-A	Lab Control Sample	Total/NA	Solid	8021B	114120
LCSD 880-114076/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	114076
LCSD 880-114120/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	114120
880-60318-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	114120
880-60318-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	114120
890-8448-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	114076
890-8448-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	114076

Analysis Batch: 114063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Total/NA	Solid	8021B	113989
880-60315-2	H-2 (0-1')	Total/NA	Solid	8021B	113989
880-60315-3	H-3 (0-1')	Total/NA	Solid	8021B	113989
880-60315-4	H-4 (0-1')	Total/NA	Solid	8021B	113989
880-60315-5	H-5 (0-1')	Total/NA	Solid	8021B	113989
880-60315-6	H-6 (0-1')	Total/NA	Solid	8021B	113989
880-60315-7	H-7 (0-1')	Total/NA	Solid	8021B	113989
MB 880-113989/5-A	Method Blank	Total/NA	Solid	8021B	113989
LCS 880-113989/1-A	Lab Control Sample	Total/NA	Solid	8021B	113989
LCSD 880-113989/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113989
880-60272-A-7-B MS	Matrix Spike	Total/NA	Solid	8021B	113989
880-60272-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	113989

Prep Batch: 114076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-8	H-8 (0-1')	Total/NA	Solid	5035	
MB 880-114076/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-114076/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-114076/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8448-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-8448-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 114120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-9	H-9 (0-1')	Total/NA	Solid	5035	
MB 880-114120/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-114120/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-114120/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-60318-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-60318-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 114217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-6	H-6 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-7	H-7 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-8	H-8 (0-1')	Total/NA	Solid	Total BTEX	
880-60315-9	H-9 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 114068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-5	H-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-6	H-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-7	H-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-8	H-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-60315-9	H-9 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-114068/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-114068/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-114068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8448-A-12-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8448-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 114226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-2	H-2 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-3	H-3 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-4	H-4 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-5	H-5 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-6	H-6 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-7	H-7 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-8	H-8 (0-1')	Total/NA	Solid	8015B NM	114068
880-60315-9	H-9 (0-1')	Total/NA	Solid	8015B NM	114068
MB 880-114068/1-A	Method Blank	Total/NA	Solid	8015B NM	114068
LCS 880-114068/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	114068

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 114226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-114068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	114068
890-8448-A-12-C MS	Matrix Spike	Total/NA	Solid	8015B NM	114068
890-8448-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	114068

Analysis Batch: 114263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-60315-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-60315-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-60315-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-60315-5	H-5 (0-1')	Total/NA	Solid	8015 NM	
880-60315-6	H-6 (0-1')	Total/NA	Solid	8015 NM	
880-60315-7	H-7 (0-1')	Total/NA	Solid	8015 NM	
880-60315-8	H-8 (0-1')	Total/NA	Solid	8015 NM	
880-60315-9	H-9 (0-1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 114113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-60315-2	H-2 (0-1')	Soluble	Solid	DI Leach	
880-60315-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-60315-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-60315-5	H-5 (0-1')	Soluble	Solid	DI Leach	
880-60315-6	H-6 (0-1')	Soluble	Solid	DI Leach	
880-60315-7	H-7 (0-1')	Soluble	Solid	DI Leach	
880-60315-8	H-8 (0-1')	Soluble	Solid	DI Leach	
880-60315-9	H-9 (0-1')	Soluble	Solid	DI Leach	
MB 880-114113/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-114113/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-114113/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-60315-9 MS	H-9 (0-1')	Soluble	Solid	DI Leach	
880-60315-9 MSD	H-9 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 114123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-60315-1	H-1 (0-1')	Soluble	Solid	300.0	114113
880-60315-2	H-2 (0-1')	Soluble	Solid	300.0	114113
880-60315-3	H-3 (0-1')	Soluble	Solid	300.0	114113
880-60315-4	H-4 (0-1')	Soluble	Solid	300.0	114113
880-60315-5	H-5 (0-1')	Soluble	Solid	300.0	114113
880-60315-6	H-6 (0-1')	Soluble	Solid	300.0	114113
880-60315-7	H-7 (0-1')	Soluble	Solid	300.0	114113
880-60315-8	H-8 (0-1')	Soluble	Solid	300.0	114113
880-60315-9	H-9 (0-1')	Soluble	Solid	300.0	114113
MB 880-114113/1-A	Method Blank	Soluble	Solid	300.0	114113
LCS 880-114113/2-A	Lab Control Sample	Soluble	Solid	300.0	114113
LCSD 880-114113/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	114113
880-60315-9 MS	H-9 (0-1')	Soluble	Solid	300.0	114113
880-60315-9 MSD	H-9 (0-1')	Soluble	Solid	300.0	114113

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-1
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 19:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 19:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 02:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 02:43	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 20:33	CS	EET MID

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

Lab Sample ID: 880-60315-2
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 19:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 03:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 03:00	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 20:39	CS	EET MID

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

Lab Sample ID: 880-60315-3
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 20:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 20:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 03:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 03:31	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 20:45	CS	EET MID

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

Lab Sample ID: 880-60315-4
Matrix: Solid
Date Collected: 07/11/25 00:00
Date Received: 07/14/25 10:31

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	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 20:25	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-1')
Lab Sample ID: 880-60315-4
Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

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			114263	07/16/25 09:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 09:05	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:01	CS	EET MID

Client Sample ID: H-5 (0-1')
Lab Sample ID: 880-60315-5
Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 20:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 20:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 09:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 09:20	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:07	CS	EET MID

Client Sample ID: H-6 (0-1')
Lab Sample ID: 880-60315-6
Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

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	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 21:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 09:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 09:37	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:13	CS	EET MID

Client Sample ID: H-7 (0-1')
Lab Sample ID: 880-60315-7
Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

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	113989	07/14/25 13:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114063	07/14/25 21:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 21:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 09:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 09:54	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-60315-7

Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:18	CS	EET MID

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

Lab Sample ID: 880-60315-8

Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

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	114076	07/14/25 13:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114062	07/14/25 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/14/25 19:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 10:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 10:11	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:24	CS	EET MID

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

Lab Sample ID: 880-60315-9

Date Collected: 07/11/25 00:00
Matrix: Solid
Date Received: 07/14/25 10:31

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	114120	07/14/25 14:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114062	07/15/25 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114217	07/15/25 05:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			114263	07/16/25 10:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114068	07/14/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114226	07/16/25 10:28	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	114113	07/14/25 12:59	SI	EET MID
Soluble	Analysis	300.0		1			114123	07/14/25 21:30	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: Smalls Federal

Job ID: 880-60315-1
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: Smalls Federal

Job ID: 880-60315-1
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: Smalls Federal

Job ID: 880-60315-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-60315-1	H-1 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-2	H-2 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-3	H-3 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-4	H-4 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-5	H-5 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-6	H-6 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-7	H-7 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-8	H-8 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31
880-60315-9	H-9 (0-1')	Solid	07/11/25 00:00	07/14/25 10:31

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-60315-1
SDG Number: Lea County, New Mexico

Login Number: 60315
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

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JOB DESCRIPTION

Smalls Federal
Lea County, New Mexico

JOB NUMBER

880-61653-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

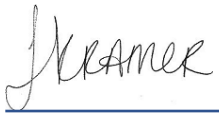
Eurofins Midland

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: Smalls Federal

Laboratory Job ID: 880-61653-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Smalls Federal

Job ID: 880-61653-1

Job ID: 880-61653-1 Eurofins Midland

Job Narrative
880-61653-1

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 8/19/2025 11:40 AM. 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 4.0°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-117060 and analytical batch 880-117013 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-2 (0.5') (880-61653-23), SW-5 (0.5') (880-61653-26), SW-6 (1') (880-61653-27), SW-7 (1') (880-61653-28), SW-8 (1') (880-61653-29), SW-9 (1') (880-61653-30), SW-11 (1') (880-61653-32), SW-12 (1') (880-61653-33), SW-13 (1') (880-61653-34) and (880-61653-A-21-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike duplicate (MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-117060 and analytical batch 880-117013. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-117059 and analytical batch 880-117011 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-8637-A-1-B MS) and (890-8637-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-1 (0.5') (880-61653-1). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-8 (1') (880-61653-8), CS-10 (1') (880-61653-10) and CS-15 (1') (880-61653-15). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-13 (1') (880-61653-13) and CS-14 (1') (880-61653-14). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117057 and analytical batch 880-117016 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Case Narrative

Client: Carmona Resources
Project: Smalls Federal

Job ID: 880-61653-1

Job ID: 880-61653-1 (Continued) Eurofins Midland

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: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-61653-1
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:37	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/19/25 12:50	08/20/25 11:37	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:37	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		08/19/25 12:50	08/20/25 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/19/25 12:50*	*08/20/25 11:37*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/19/25 12:50*	*08/20/25 11:37*	*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			08/20/25 11:37	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			08/19/25 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	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 13:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 13:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*08/19/25 12:53*	*08/19/25 13:59*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*08/19/25 12:53*	*08/19/25 13:59*	*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			08/19/25 20:36	1

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-61653-2
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 11:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 11:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 11:58	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/19/25 12:50	08/20/25 11:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 11:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 12:50	08/20/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/19/25 12:50*	*08/20/25 11:58*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/19/25 12:50*	*08/20/25 11:58*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-61653-2
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/20/25 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 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		08/19/25 12:53	08/19/25 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:53	08/19/25 14:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:53	08/19/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:14*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:14*	*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			08/19/25 20:48	1

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-61653-3
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:50	08/20/25 12:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:50	08/20/25 12:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:50	08/20/25 12:18	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/19/25 12:50	08/20/25 12:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:50	08/20/25 12:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/19/25 12:50	08/20/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/19/25 12:50*	*08/20/25 12:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/19/25 12:50*	*08/20/25 12:18*	*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			08/20/25 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 12:53	08/19/25 14:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:53	08/19/25 14:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-61653-3
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:53	08/19/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:28*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:28*	*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			08/19/25 20:55	1

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-61653-4
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 12:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 12:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 12:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/19/25 12:50	08/20/25 12:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 12:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 12:50	08/20/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/19/25 12:50*	*08/20/25 12:38*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/19/25 12:50*	*08/20/25 12:38*	*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			08/20/25 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:43*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:43*	*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			08/19/25 21:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-61653-5
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:50	08/20/25 12:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:50	08/20/25 12:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:50	08/20/25 12:59	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/19/25 12:50	08/20/25 12:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:50	08/20/25 12:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/19/25 12:50	08/20/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*08/19/25 12:50*	*08/20/25 12:59*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/19/25 12:50*	*08/20/25 12:59*	*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			08/20/25 12:59	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			08/19/25 14:58	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	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 14:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 14:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:53	08/19/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:58*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*08/19/25 12:53*	*08/19/25 14:58*	*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			08/19/25 21:10	1

Client Sample ID: CS-6 (1')

Lab Sample ID: 880-61653-6
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/19/25 12:50	08/20/25 13:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 12:50	08/20/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/19/25 12:50*	*08/20/25 13:19*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/19/25 12:50*	*08/20/25 13:19*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (1')

Lab Sample ID: 880-61653-6
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/20/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 12:53	08/19/25 15:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 12:53	08/19/25 15:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:53	08/19/25 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*08/19/25 12:53*	*08/19/25 15:12*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*08/19/25 12:53*	*08/19/25 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/19/25 21:33	1

Client Sample ID: CS-7 (1')

Lab Sample ID: 880-61653-7
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/19/25 12:50	08/20/25 13:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:50	08/20/25 13:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 12:50	08/20/25 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*08/19/25 12:50*	*08/20/25 13:40*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/19/25 12:50*	*08/20/25 13:40*	*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			08/20/25 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 13:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 13:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1')

Lab Sample ID: 880-61653-7
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*08/19/25 12:36*	*08/19/25 13:10*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*08/19/25 12:36*	*08/19/25 13:10*	*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			08/20/25 10:09	1

Client Sample ID: CS-8 (1')

Lab Sample ID: 880-61653-8
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 14:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 14:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 14:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/19/25 12:50	08/20/25 14:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:50	08/20/25 14:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 12:50	08/20/25 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/19/25 12:50*	*08/20/25 14:00*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/19/25 12:50*	*08/20/25 14:00*	*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			08/20/25 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 13:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 12:36	08/19/25 13:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 12:36	08/19/25 13:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:36	08/19/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 13:29*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 13:29*	*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			08/20/25 10:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (1')

Lab Sample ID: 880-61653-9
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 13:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 13:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 13:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 13:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 13:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/20/25 08:14*	*08/20/25 13:33*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/20/25 08:14*	*08/20/25 13:33*	*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			08/20/25 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 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	<49.8	U	49.8		mg/Kg		08/19/25 12:36	08/19/25 13:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 12:36	08/19/25 13:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:36	08/19/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*08/19/25 12:36*	*08/19/25 13:44*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*08/19/25 12:36*	*08/19/25 13:44*	*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			08/19/25 21:50	1

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-61653-10
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/20/25 08:14	08/20/25 13:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/20/25 08:14	08/20/25 13:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/20/25 08:14	08/20/25 13:53	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/20/25 08:14	08/20/25 13:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/20/25 08:14	08/20/25 13:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/20/25 08:14	08/20/25 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/20/25 08:14*	*08/20/25 13:53*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/20/25 08:14*	*08/20/25 13:53*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-61653-10
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/20/25 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 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	<49.9	U	49.9		mg/Kg		08/19/25 12:36	08/19/25 13:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:36	08/19/25 13:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:36	08/19/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 13:59*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 13:59*	*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			08/19/25 21:58	1

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-61653-11
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 10:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 10:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 10:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/20/25 08:14	08/20/25 10:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 10:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/25 08:14	08/20/25 10:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/20/25 08:14*	*08/20/25 10:04*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/20/25 08:14*	*08/20/25 10:04*	*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			08/20/25 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 14:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 14:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-61653-11
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*08/19/25 12:36*	*08/19/25 14:14*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*08/19/25 12:36*	*08/19/25 14:14*	*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			08/19/25 22:05	1

Client Sample ID: CS-12 (1')

Lab Sample ID: 880-61653-12
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 09:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 09:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 09:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 09:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 09:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*08/20/25 08:14*	*08/20/25 09:02*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/20/25 08:14*	*08/20/25 09:02*	*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			08/20/25 09:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 12:33	08/19/25 14:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 12:33	08/19/25 14:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:33	08/19/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*08/19/25 12:33*	*08/19/25 14:28*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*08/19/25 12:33*	*08/19/25 14:28*	*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			08/19/25 22:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-13
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		08/20/25 08:14	08/20/25 09:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 09:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 09:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/20/25 08:14	08/20/25 09:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 09:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/25 08:14	08/20/25 09:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/20/25 08:14*	*08/20/25 09:23*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/20/25 08:14*	*08/20/25 09:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/20/25 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 14:43	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		08/19/25 12:36	08/19/25 14:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:36	08/19/25 14:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:36	08/19/25 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*08/19/25 12:36*	*08/19/25 14:43*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 14:43*	*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			08/20/25 10:24	1

Client Sample ID: CS-14 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-14
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		08/20/25 08:14	08/20/25 09:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 09:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 09:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/20/25 08:14	08/20/25 09:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 09:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/25 08:14	08/20/25 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/20/25 08:14*	*08/20/25 09:43*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*08/20/25 08:14*	*08/20/25 09:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (1')

Lab Sample ID: 880-61653-14
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/20/25 09:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 14:58	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	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 14:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 14:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*08/19/25 12:36*	*08/19/25 14:58*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 14:58*	*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			08/19/25 22:58	1

Client Sample ID: CS-15 (1')

Lab Sample ID: 880-61653-15
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 10:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 10:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 10:24	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/20/25 08:14	08/20/25 10:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 10:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/20/25 08:14	08/20/25 10:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/20/25 08:14*	*08/20/25 10:24*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/20/25 08:14*	*08/20/25 10:24*	*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			08/20/25 10:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:36	08/19/25 15:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-15
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		08/19/25 12:36	08/19/25 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 15:12*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*08/19/25 12:36*	*08/19/25 15:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/20/25 10:31	1

Client Sample ID: CS-16 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 10:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 10:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 10:44	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 10:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 10:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*08/20/25 08:14*	*08/20/25 10:44*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/20/25 08:14*	*08/20/25 10:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/20/25 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 16:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		08/19/25 12:47	08/19/25 16:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*08/19/25 12:47*	*08/19/25 16:44*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*08/19/25 12:47*	*08/19/25 16:44*	*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			08/20/25 10:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (1')

Lab Sample ID: 880-61653-17
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 11:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 11:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 11:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 11:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 08:14	08/20/25 11:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 08:14	08/20/25 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/20/25 08:14*	*08/20/25 11:05*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*08/20/25 08:14*	*08/20/25 11:05*	*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			08/20/25 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/19/25 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 17:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 17:31	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*08/19/25 12:47*	*08/19/25 17:31*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*08/19/25 12:47*	*08/19/25 17:31*	*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			08/20/25 10:47	1

Client Sample ID: CS-18 (1')

Lab Sample ID: 880-61653-18
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 11:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 11:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 11:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/20/25 08:14	08/20/25 11:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/25 08:14	08/20/25 11:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/25 08:14	08/20/25 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/20/25 08:14*	*08/20/25 11:25*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/20/25 08:14*	*08/20/25 11:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (1')

Lab Sample ID: 880-61653-18
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/20/25 11:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/19/25 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 17:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 17:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*08/19/25 12:47*	*08/19/25 17:46*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*08/19/25 12:47*	*08/19/25 17:46*	*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			08/19/25 22:46	1

Client Sample ID: CS-19 (1')

Lab Sample ID: 880-61653-19
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 11:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/20/25 08:14	08/20/25 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/25 08:14	08/20/25 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/25 08:14	08/20/25 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*08/20/25 08:14*	*08/20/25 11:46*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/20/25 08:14*	*08/20/25 11:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/20/25 11:46	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			08/19/25 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 18:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 18:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (1')

Lab Sample ID: 880-61653-19
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:01*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:01*	*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			08/19/25 23:03	1

Client Sample ID: CS-20 (1')

Lab Sample ID: 880-61653-20
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 12:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 12:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 12:11	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/20/25 08:14	08/20/25 12:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/20/25 08:14	08/20/25 12:11	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/20/25 08:14	08/20/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/20/25 08:14*	*08/20/25 12:11*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/20/25 08:14*	*08/20/25 12:11*	*1*

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			08/20/25 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/19/25 18:17	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	<50.3	U	50.3		mg/Kg		08/19/25 12:47	08/19/25 18:17	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/19/25 12:47	08/19/25 18:17	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/19/25 12:47	08/19/25 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:17*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:17*	*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			08/19/25 23:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-21
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:42	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:42	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:42	1
m,p-Xylenes	<0.00399	U F2 F1	0.00399		mg/Kg		08/19/25 12:55	08/19/25 19:42	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:42	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		08/19/25 12:55	08/19/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/19/25 12:55*	*08/19/25 19:42*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*08/19/25 12:55*	*08/19/25 19:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/19/25 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/19/25 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 18:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 18:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:33*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:33*	*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			08/19/25 23:14	1

Client Sample ID: SW-1 (0.5')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-22
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		08/19/25 12:55	08/19/25 20:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 20:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 20:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/19/25 12:55	08/19/25 20:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 20:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 12:55	08/19/25 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/19/25 12:55*	*08/19/25 20:02*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/19/25 12:55*	*08/19/25 20:02*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-61653-22
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/19/25 20:02	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			08/19/25 18:48	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		08/19/25 12:47	08/19/25 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 18:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:48*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*08/19/25 12:47*	*08/19/25 18:48*	*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			08/19/25 23:20	1

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-61653-23
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 20:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 20:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 20:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/19/25 12:55	08/19/25 20:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 20:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/19/25 12:55	08/19/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 20:23*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*08/19/25 12:55*	*08/19/25 20:23*	*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			08/19/25 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/19/25 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/19/25 12:47	08/19/25 19:04	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/19/25 12:47	08/19/25 19:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-61653-23
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/19/25 12:47	08/19/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*08/19/25 12:47*	*08/19/25 19:04*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*08/19/25 12:47*	*08/19/25 19:04*	*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			08/19/25 23:37	1

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-61653-24
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 20:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 20:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/19/25 20:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 20:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/19/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/19/25 12:55*	*08/19/25 20:43*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/19/25 12:55*	*08/19/25 20:43*	*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			08/19/25 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/19/25 19:20	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	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 19:20	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 19:20	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*08/19/25 12:47*	*08/19/25 19:20*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*08/19/25 12:47*	*08/19/25 19:20*	*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			08/19/25 23:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-61653-25
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 21:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 21:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 21:03	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/19/25 12:55	08/19/25 21:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 21:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/19/25 12:55	08/19/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*08/19/25 12:55*	*08/19/25 21:03*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/19/25 12:55*	*08/19/25 21:03*	*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			08/19/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 19:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 19:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*08/19/25 12:47*	*08/19/25 19:35*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*08/19/25 12:47*	*08/19/25 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			08/19/25 23:48	1

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-61653-26
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 21:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 21:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 21:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/19/25 12:55	08/19/25 21:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/19/25 21:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 12:55	08/19/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 21:24*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*08/19/25 12:55*	*08/19/25 21:24*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-61653-26
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/19/25 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 20:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 20:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 20:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:07*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		10.0		mg/Kg			08/19/25 23:53	1

Client Sample ID: SW-6 (1')

Lab Sample ID: 880-61653-27
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 21:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 21:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 21:44	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		08/19/25 12:55	08/19/25 21:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/19/25 12:55	08/19/25 21:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/19/25 12:55	08/19/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 21:44*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/19/25 12:55*	*08/19/25 21:44*	*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			08/19/25 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/19/25 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/19/25 12:47	08/19/25 20:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/19/25 12:47	08/19/25 20:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (1')

Lab Sample ID: 880-61653-27
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/19/25 12:47	08/19/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:22*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/19/25 23:59	1

Client Sample ID: SW-7 (1')

Lab Sample ID: 880-61653-28
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 22:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 22:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 22:05	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/19/25 12:55	08/19/25 22:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/19/25 12:55	08/19/25 22:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/19/25 12:55	08/19/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 22:05*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*08/19/25 12:55*	*08/19/25 22:05*	*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			08/19/25 22:05	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			08/19/25 20:38	1

Method: SW846 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		08/19/25 12:47	08/19/25 20:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 20:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:38*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:38*	*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			08/20/25 00:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (1')

Lab Sample ID: 880-61653-29
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 22:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 22:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 22:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/19/25 22:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/19/25 22:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/19/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 22:25*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*08/19/25 12:55*	*08/19/25 22:25*	*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			08/19/25 22:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/19/25 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 20:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 20:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/19/25 12:47	08/19/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:53*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/19/25 12:47*	*08/19/25 20:53*	*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			08/20/25 00:22	1

Client Sample ID: SW-9 (1')

Lab Sample ID: 880-61653-30
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 22:46	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/19/25 12:55	08/19/25 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 22:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/25 12:55	08/19/25 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 22:46*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*08/19/25 12:55*	*08/19/25 22:46*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-30

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			08/19/25 22:46	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			08/19/25 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/19/25 12:47	08/19/25 21:09	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/19/25 12:47	08/19/25 21:09	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/19/25 12:47	08/19/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:09*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			08/20/25 00:27	1

Client Sample ID: SW-10 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-31

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		08/19/25 12:55	08/20/25 00:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/20/25 00:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/20/25 00:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/19/25 12:55	08/20/25 00:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/25 12:55	08/20/25 00:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/25 12:55	08/20/25 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/19/25 12:55*	*08/20/25 00:36*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/19/25 12:55*	*08/20/25 00:36*	*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			08/20/25 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 21:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 21:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (1')

Lab Sample ID: 880-61653-31
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 12:47	08/19/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:24*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:24*	*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			08/20/25 00:44	1

Client Sample ID: SW-11 (1')

Lab Sample ID: 880-61653-32
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 00:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 00:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 00:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/20/25 00:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 00:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/20/25 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/20/25 00:56*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*08/19/25 12:55*	*08/20/25 00:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/20/25 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 21:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 21:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 21:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 12:47	08/19/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:41*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.4**		9.96		mg/Kg			08/20/25 00:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (1')

Lab Sample ID: 880-61653-33
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 01:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 01:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 01:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/20/25 01:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/25 12:55	08/20/25 01:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/25 12:55	08/20/25 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/20/25 01:17*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*08/19/25 12:55*	*08/20/25 01:17*	*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			08/20/25 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 21:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 21:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 21:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:47	08/19/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:56*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*08/19/25 12:47*	*08/19/25 21:56*	*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			08/20/25 00:56	1

Client Sample ID: SW-13 (1')

Lab Sample ID: 880-61653-34
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/20/25 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/20/25 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/20/25 01:37	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/19/25 12:55	08/20/25 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/20/25 01:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/25 12:55	08/20/25 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/20/25 01:37*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/19/25 12:55*	*08/20/25 01:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-34

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			08/20/25 01:37	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			08/19/25 22:13	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	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 22:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 22:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/19/25 12:47	08/19/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*08/19/25 12:47*	*08/19/25 22:13*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*08/19/25 12:47*	*08/19/25 22:13*	*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			08/20/25 01:02	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
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)
880-61653-1	CS-1 (0.5')	121	91
880-61653-1 MS	CS-1 (0.5')	117	95
880-61653-1 MSD	CS-1 (0.5')	126	93
880-61653-2	CS-2 (0.5')	116	90
880-61653-3	CS-3 (0.5')	118	90
880-61653-4	CS-4 (0.5')	120	90
880-61653-5	CS-5 (0.5')	122	91
880-61653-6	CS-6 (1')	119	91
880-61653-7	CS-7 (1')	124	88
880-61653-8	CS-8 (1')	117	91
880-61653-9	CS-9 (1')	119	88
880-61653-10	CS-10 (1')	99	94
880-61653-11	CS-11 (1')	108	87
880-61653-11 MS	CS-11 (1')	109	95
880-61653-11 MSD	CS-11 (1')	118	92
880-61653-12	CS-12 (1')	114	87
880-61653-13	CS-13 (1')	121	87
880-61653-14	CS-14 (1')	106	86
880-61653-15	CS-15 (1')	115	89
880-61653-16	CS-16 (1')	117	89
880-61653-17	CS-17 (1')	113	92
880-61653-18	CS-18 (1')	107	88
880-61653-19	CS-19 (1')	122	88
880-61653-20	CS-20 (1')	99	96
880-61653-21	CS-21 (1')	116	111
880-61653-21 MS	CS-21 (1')	109	98
880-61653-21 MSD	CS-21 (1')	322 S1+	162 S1+
880-61653-22	SW-1 (0.5')	115	110
880-61653-23	SW-2 (0.5')	136 S1+	114
880-61653-24	SW-3 (0.5')	121	110
880-61653-25	SW-4 (0.5')	125	104
880-61653-26	SW-5 (0.5')	134 S1+	119
880-61653-27	SW-6 (1')	136 S1+	116
880-61653-28	SW-7 (1')	146 S1+	117
880-61653-29	SW-8 (1')	131 S1+	120
880-61653-30	SW-9 (1')	137 S1+	109
880-61653-31	SW-10 (1')	116	110
880-61653-32	SW-11 (1')	144 S1+	120
880-61653-33	SW-12 (1')	137 S1+	118
880-61653-34	SW-13 (1')	138 S1+	110
LCS 880-117059/1-A	Lab Control Sample	117	93
LCS 880-117060/1-A	Lab Control Sample	109	104
LCS 880-117094/1-A	Lab Control Sample	122	92
LCSD 880-117059/2-A	Lab Control Sample Dup	118	93
LCSD 880-117060/2-A	Lab Control Sample Dup	108	101
LCSD 880-117094/2-A	Lab Control Sample Dup	119	86
MB 880-116965/5-A	Method Blank	109	82
MB 880-117059/5-A	Method Blank	116	86
MB 880-117060/5-A	Method Blank	165 S1+	91

Surrogate Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
MB 880-117094/5-A	Method Blank	116	84

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-61653-1	CS-1 (0.5')	116	131 S1+
880-61653-2	CS-2 (0.5')	105	116
880-61653-3	CS-3 (0.5')	101	108
880-61653-4	CS-4 (0.5')	104	114
880-61653-5	CS-5 (0.5')	102	112
880-61653-6	CS-6 (1')	114	127
880-61653-7	CS-7 (1')	124	123
880-61653-8	CS-8 (1')	135 S1+	136 S1+
880-61653-9	CS-9 (1')	125	128
880-61653-10	CS-10 (1')	131 S1+	135 S1+
880-61653-11	CS-11 (1')	128	130
880-61653-12	CS-12 (1')	123	124
880-61653-13	CS-13 (1')	129	133 S1+
880-61653-14	CS-14 (1')	128	133 S1+
880-61653-15	CS-15 (1')	134 S1+	137 S1+
880-61653-16	CS-16 (1')	116	96
880-61653-16 MS	CS-16 (1')	87	85
880-61653-16 MSD	CS-16 (1')	85	84
880-61653-17	CS-17 (1')	112	97
880-61653-18	CS-18 (1')	112	95
880-61653-19	CS-19 (1')	116	101
880-61653-20	CS-20 (1')	111	96
880-61653-21	CS-21 (1')	111	92
880-61653-22	SW-1 (0.5')	111	93
880-61653-23	SW-2 (0.5')	116	96
880-61653-24	SW-3 (0.5')	115	100
880-61653-25	SW-4 (0.5')	116	98
880-61653-26	SW-5 (0.5')	101	91
880-61653-27	SW-6 (1')	93	86
880-61653-28	SW-7 (1')	98	89
880-61653-29	SW-8 (1')	93	89
880-61653-30	SW-9 (1')	94	86
880-61653-31	SW-10 (1')	107	93
880-61653-32	SW-11 (1')	110	96
880-61653-33	SW-12 (1')	91	85
880-61653-34	SW-13 (1')	105	94
890-8635-A-44-E MS	Matrix Spike	113	114
890-8635-A-44-F MSD	Matrix Spike Duplicate	114	113
890-8637-A-1-B MS	Matrix Spike	149 S1+	137 S1+

Surrogate Summary

Client: Carmona Resources
Job ID: 880-61653-1
Project/Site: Smalls Federal
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)										
890-8637-A-1-C MSD	Matrix Spike Duplicate	148 S1+	136 S1+										
LCS 880-116912/2-A	Lab Control Sample	125	129										
LCS 880-117009/2-A	Lab Control Sample	72	71										
LCS 880-117057/2-A	Lab Control Sample	76	78										
LCSD 880-116912/3-A	Lab Control Sample Dup	115	118										
LCSD 880-117009/3-A	Lab Control Sample Dup	125	122										
LCSD 880-117057/3-A	Lab Control Sample Dup	89	86										
MB 880-116912/1-A	Method Blank	94	107										
MB 880-117009/1-A	Method Blank	110	109										
MB 880-117057/1-A	Method Blank	87	85										

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116965/5-A
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/18/25 14:17	08/19/25 20:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/18/25 14:17	08/19/25 20:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/18/25 14:17	08/19/25 20:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/18/25 14:17	08/19/25 20:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/18/25 14:17	08/19/25 20:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/18/25 14:17	08/19/25 20:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*08/18/25 14:17*	*08/19/25 20:45*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*08/18/25 14:17*	*08/19/25 20:45*	*1*

Lab Sample ID: MB 880-117059/5-A
Matrix: Solid
Analysis Batch: 117011

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117059

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:15	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/19/25 12:50	08/20/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:50	08/20/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/25 12:50	08/20/25 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/19/25 12:50*	*08/20/25 11:15*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*08/19/25 12:50*	*08/20/25 11:15*	*1*

Lab Sample ID: LCS 880-117059/1-A
Matrix: Solid
Analysis Batch: 117011

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117059

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1108		mg/Kg		111	70 - 130
Toluene	0.100	0.1070		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130
m,p-Xylenes	0.200	0.2226		mg/Kg		111	70 - 130
o-Xylene	0.100	0.08995		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-117059/2-A
Matrix: Solid
Analysis Batch: 117011

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117059

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1071		mg/Kg		107	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-117059/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117011 — **Prep Batch: 117059**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1074		mg/Kg		107	70 - 130	0	35
Ethylbenzene			0.100	0.1097		mg/Kg		110	70 - 130	1	35
m,p-Xylenes			0.200	0.2200		mg/Kg		110	70 - 130	1	35
o-Xylene			0.100	0.08855		mg/Kg		89	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-61653-1 MS — **Client Sample ID: CS-1 (0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117011 — **Prep Batch: 117059**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09116		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.100	0.08741		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09041		mg/Kg		90	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1776		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07328		mg/Kg		73	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-61653-1 MSD — **Client Sample ID: CS-1 (0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117011 — **Prep Batch: 117059**

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	0.08999		mg/Kg		90	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.07878		mg/Kg		79	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.100	0.07322		mg/Kg		73	70 - 130	21	35
m,p-Xylenes	<0.00399	U	0.200	0.1437		mg/Kg		72	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.100	0.06097	F1	mg/Kg		61	70 - 130	18	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-117060/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117013 — **Prep Batch: 117060**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/19/25 12:55	08/19/25 19:13	1

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-117060/5-A
Matrix: Solid
Analysis Batch: 117013

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/25 12:55	08/19/25 19:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/25 12:55	08/19/25 19:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*165*	*S1+*	*70 - 130*	*08/19/25 12:55*	*08/19/25 19:13*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/19/25 12:55*	*08/19/25 19:13*	*1*

Lab Sample ID: LCS 880-117060/1-A
Matrix: Solid
Analysis Batch: 117013

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117060

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1058		mg/Kg		106	70 - 130
Toluene	0.100	0.08684		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08701		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1926		mg/Kg		96	70 - 130
o-Xylene	0.100	0.1111		mg/Kg		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-117060/2-A
Matrix: Solid
Analysis Batch: 117013

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117060

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1022		mg/Kg		102	70 - 130	3	35
Toluene	0.100	0.09056		mg/Kg		91	70 - 130	4	35
Ethylbenzene	0.100	0.08387		mg/Kg		84	70 - 130	4	35
m,p-Xylenes	0.200	0.1890		mg/Kg		95	70 - 130	2	35
o-Xylene	0.100	0.1102		mg/Kg		110	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-61653-21 MS
Matrix: Solid
Analysis Batch: 117013

Client Sample ID: CS-21 (1')
Prep Type: Total/NA
Prep Batch: 117060

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.09295		mg/Kg		93	70 - 130
Toluene	<0.00200	U F1	0.100	0.07843		mg/Kg		78	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.08462		mg/Kg		85	70 - 130
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1854		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.1060		mg/Kg		106	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61653-21 MS
Matrix: Solid
Analysis Batch: 117013

Client Sample ID: CS-21 (1')
Prep Type: Total/NA
Prep Batch: 117060

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-61653-21 MSD
Matrix: Solid
Analysis Batch: 117013

Client Sample ID: CS-21 (1')
Prep Type: Total/NA
Prep Batch: 117060

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.002420	F2 F1	mg/Kg		2	70 - 130	189	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.007232	F2 F1	mg/Kg		4	70 - 130	185	35
o-Xylene	<0.00200	U F2 F1	0.100	0.002863	F2 F1	mg/Kg		3	70 - 130	189	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	322	S1+	70 - 130
1,4-Difluorobenzene (Surr)	162	S1+	70 - 130

Lab Sample ID: MB 880-117094/5-A
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/25 05:00	08/20/25 07:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 05:00	08/20/25 07:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 05:00	08/20/25 07:42	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/20/25 05:00	08/20/25 07:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/25 05:00	08/20/25 07:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/25 05:00	08/20/25 07:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/20/25 05:00	08/20/25 07:42	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/20/25 05:00	08/20/25 07:42	1

Lab Sample ID: LCS 880-117094/1-A
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09693		mg/Kg		97	70 - 130
Toluene	0.100	0.09183		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2021		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-117094/1-A
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117094

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

Lab Sample ID: LCSD 880-117094/2-A
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117094

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09697		mg/Kg		97	70 - 130	0	35
Toluene			0.100	0.09317		mg/Kg		93	70 - 130	1	35
Ethylbenzene			0.100	0.1058		mg/Kg		106	70 - 130	2	35
m,p-Xylenes			0.200	0.2047		mg/Kg		102	70 - 130	1	35
o-Xylene			0.100	0.1039		mg/Kg		104	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 880-61653-11 MS
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: CS-11 (1')
Prep Type: Total/NA
Prep Batch: 117094

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1104		mg/Kg		110	70 - 130		
Toluene	<0.00200	U	0.100	0.1010		mg/Kg		101	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1132		mg/Kg		113	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.2205		mg/Kg		110	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1122		mg/Kg		112	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-61653-11 MSD
Matrix: Solid
Analysis Batch: 117012

Client Sample ID: CS-11 (1')
Prep Type: Total/NA
Prep Batch: 117094

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	0.1033		mg/Kg		103	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1167		mg/Kg		117	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.2294		mg/Kg		115	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1165		mg/Kg		117	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-116912/1-A
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116912

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		08/18/25 10:38	08/19/25 04:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/25 10:38	08/19/25 04:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/25 10:38	08/19/25 04:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*08/18/25 10:38*	*08/19/25 04:47*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*08/18/25 10:38*	*08/19/25 04:47*	*1*

Lab Sample ID: LCS 880-116912/2-A
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116912

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1252		mg/Kg		125	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1103		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*129*		*70 - 130*

Lab Sample ID: LCSD 880-116912/3-A
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116912

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1151		mg/Kg		115	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	988.0		mg/Kg		99	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: 890-8635-A-44-E MS
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 116912

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	984.1		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	991.5		mg/Kg		98	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-8635-A-44-E MS
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 116912

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 890-8635-A-44-F MSD
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 116912

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	978.6		mg/Kg		98	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	952.2		mg/Kg		94	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	113		70 - 130

Lab Sample ID: MB 880-117009/1-A
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117009

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		08/19/25 06:52	08/19/25 04:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 04:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 04:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	08/19/25 06:52	08/19/25 04:47	1
o-Terphenyl (Surr)	109		70 - 130	08/19/25 06:52	08/19/25 04:47	1

Lab Sample ID: LCS 880-117009/2-A
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117009

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1221		mg/Kg		122	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1292		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	72		70 - 130
o-Terphenyl (Surr)	71		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-117009/3-A
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117009

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1057		mg/Kg		106	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	1074		mg/Kg		107	70 - 130	18	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*122*		*70 - 130*

Lab Sample ID: 890-8637-A-1-B MS
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117009

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1033		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1040		mg/Kg		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*149*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 890-8637-A-1-C MSD
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 117009

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1049		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1044		mg/Kg		102	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-117057/1-A
Matrix: Solid
Analysis Batch: 117016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117057

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		08/19/25 12:46	08/19/25 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 12:46	08/19/25 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 12:46	08/19/25 15:43	1

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-117057/1-A
Matrix: Solid
Analysis Batch: 117016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117057

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	08/19/25 12:46	08/19/25 15:43	1
o-Terphenyl (Surr)	85		70 - 130	08/19/25 12:46	08/19/25 15:43	1

Lab Sample ID: LCS 880-117057/2-A
Matrix: Solid
Analysis Batch: 117016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117057

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	894.9		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	844.5		mg/Kg		84	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	76		70 - 130
o-Terphenyl (Surr)	78		70 - 130

Lab Sample ID: LCSD 880-117057/3-A
Matrix: Solid
Analysis Batch: 117016

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117057

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1061		mg/Kg		106	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	963.0		mg/Kg		96	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: 880-61653-16 MS
Matrix: Solid
Analysis Batch: 117016

Client Sample ID: CS-16 (1')
Prep Type: Total/NA
Prep Batch: 117057

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	712.5		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1	999	688.7	F1	mg/Kg		67	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	85		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61653-16 MSD — **Client Sample ID: CS-16 (1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117016 — **Prep Batch: 117057**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	722.7		mg/Kg		72	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	999	675.3	F1	mg/Kg		66	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*85*		*70 - 130*
o-Terphenyl (Surr)	*84*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117058/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/19/25 22:29	1

Lab Sample ID: LCS 880-117058/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.3		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-117058/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.1		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-61653-18 MS — **Client Sample ID: CS-18 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	241.8		mg/Kg		95	90 - 110

Lab Sample ID: 880-61653-18 MSD — **Client Sample ID: CS-18 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	242.3		mg/Kg		95	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-61653-28 MS — **Client Sample ID: SW-7 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.94	U	249	248.5		mg/Kg		96	90 - 110

Lab Sample ID: 880-61653-28 MSD — **Client Sample ID: SW-7 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.94	U	249	248.8		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-117056/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/19/25 20:14	1

Lab Sample ID: LCS 880-117056/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-117056/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117071

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	238.1		mg/Kg		95	90 - 110	3	20

Lab Sample ID: 880-61653-1 MS — **Client Sample ID: CS-1 (0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	246.0		mg/Kg		97	90 - 110

Lab Sample ID: 880-61653-1 MSD — **Client Sample ID: CS-1 (0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	244.9		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-61653-11 MS — **Client Sample ID: CS-11 (1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 117071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.1	U	253	247.5		mg/Kg		97	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-61653-11 MSD
Matrix: Solid
Analysis Batch: 117071

Client Sample ID: CS-11 (1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.1	U	253	244.4		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 116965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116965/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 117011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Total/NA	Solid	8021B	117059
880-61653-2	CS-2 (0.5')	Total/NA	Solid	8021B	117059
880-61653-3	CS-3 (0.5')	Total/NA	Solid	8021B	117059
880-61653-4	CS-4 (0.5')	Total/NA	Solid	8021B	117059
880-61653-5	CS-5 (0.5')	Total/NA	Solid	8021B	117059
880-61653-6	CS-6 (1')	Total/NA	Solid	8021B	117059
880-61653-7	CS-7 (1')	Total/NA	Solid	8021B	117059
880-61653-8	CS-8 (1')	Total/NA	Solid	8021B	117059
MB 880-117059/5-A	Method Blank	Total/NA	Solid	8021B	117059
LCS 880-117059/1-A	Lab Control Sample	Total/NA	Solid	8021B	117059
LCSD 880-117059/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117059
880-61653-1 MS	CS-1 (0.5')	Total/NA	Solid	8021B	117059
880-61653-1 MSD	CS-1 (0.5')	Total/NA	Solid	8021B	117059

Analysis Batch: 117012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-9	CS-9 (1')	Total/NA	Solid	8021B	117094
880-61653-10	CS-10 (1')	Total/NA	Solid	8021B	117094
880-61653-11	CS-11 (1')	Total/NA	Solid	8021B	117094
880-61653-12	CS-12 (1')	Total/NA	Solid	8021B	117094
880-61653-13	CS-13 (1')	Total/NA	Solid	8021B	117094
880-61653-14	CS-14 (1')	Total/NA	Solid	8021B	117094
880-61653-15	CS-15 (1')	Total/NA	Solid	8021B	117094
880-61653-16	CS-16 (1')	Total/NA	Solid	8021B	117094
880-61653-17	CS-17 (1')	Total/NA	Solid	8021B	117094
880-61653-18	CS-18 (1')	Total/NA	Solid	8021B	117094
880-61653-19	CS-19 (1')	Total/NA	Solid	8021B	117094
880-61653-20	CS-20 (1')	Total/NA	Solid	8021B	117094
MB 880-116965/5-A	Method Blank	Total/NA	Solid	8021B	116965
MB 880-117094/5-A	Method Blank	Total/NA	Solid	8021B	117094
LCS 880-117094/1-A	Lab Control Sample	Total/NA	Solid	8021B	117094
LCSD 880-117094/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117094
880-61653-11 MS	CS-11 (1')	Total/NA	Solid	8021B	117094
880-61653-11 MSD	CS-11 (1')	Total/NA	Solid	8021B	117094

Analysis Batch: 117013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-21	CS-21 (1')	Total/NA	Solid	8021B	117060
880-61653-22	SW-1 (0.5')	Total/NA	Solid	8021B	117060
880-61653-23	SW-2 (0.5')	Total/NA	Solid	8021B	117060
880-61653-24	SW-3 (0.5')	Total/NA	Solid	8021B	117060
880-61653-25	SW-4 (0.5')	Total/NA	Solid	8021B	117060
880-61653-26	SW-5 (0.5')	Total/NA	Solid	8021B	117060
880-61653-27	SW-6 (1')	Total/NA	Solid	8021B	117060
880-61653-28	SW-7 (1')	Total/NA	Solid	8021B	117060
880-61653-29	SW-8 (1')	Total/NA	Solid	8021B	117060
880-61653-30	SW-9 (1')	Total/NA	Solid	8021B	117060

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 117013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-31	SW-10 (1')	Total/NA	Solid	8021B	117060
880-61653-32	SW-11 (1')	Total/NA	Solid	8021B	117060
880-61653-33	SW-12 (1')	Total/NA	Solid	8021B	117060
880-61653-34	SW-13 (1')	Total/NA	Solid	8021B	117060
MB 880-117060/5-A	Method Blank	Total/NA	Solid	8021B	117060
LCS 880-117060/1-A	Lab Control Sample	Total/NA	Solid	8021B	117060
LCSD 880-117060/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117060
880-61653-21 MS	CS-21 (1')	Total/NA	Solid	8021B	117060
880-61653-21 MSD	CS-21 (1')	Total/NA	Solid	8021B	117060

Prep Batch: 117059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Total/NA	Solid	5035	
880-61653-2	CS-2 (0.5')	Total/NA	Solid	5035	
880-61653-3	CS-3 (0.5')	Total/NA	Solid	5035	
880-61653-4	CS-4 (0.5')	Total/NA	Solid	5035	
880-61653-5	CS-5 (0.5')	Total/NA	Solid	5035	
880-61653-6	CS-6 (1')	Total/NA	Solid	5035	
880-61653-7	CS-7 (1')	Total/NA	Solid	5035	
880-61653-8	CS-8 (1')	Total/NA	Solid	5035	
MB 880-117059/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117059/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117059/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61653-1 MS	CS-1 (0.5')	Total/NA	Solid	5035	
880-61653-1 MSD	CS-1 (0.5')	Total/NA	Solid	5035	

Prep Batch: 117060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-21	CS-21 (1')	Total/NA	Solid	5035	
880-61653-22	SW-1 (0.5')	Total/NA	Solid	5035	
880-61653-23	SW-2 (0.5')	Total/NA	Solid	5035	
880-61653-24	SW-3 (0.5')	Total/NA	Solid	5035	
880-61653-25	SW-4 (0.5')	Total/NA	Solid	5035	
880-61653-26	SW-5 (0.5')	Total/NA	Solid	5035	
880-61653-27	SW-6 (1')	Total/NA	Solid	5035	
880-61653-28	SW-7 (1')	Total/NA	Solid	5035	
880-61653-29	SW-8 (1')	Total/NA	Solid	5035	
880-61653-30	SW-9 (1')	Total/NA	Solid	5035	
880-61653-31	SW-10 (1')	Total/NA	Solid	5035	
880-61653-32	SW-11 (1')	Total/NA	Solid	5035	
880-61653-33	SW-12 (1')	Total/NA	Solid	5035	
880-61653-34	SW-13 (1')	Total/NA	Solid	5035	
MB 880-117060/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117060/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117060/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61653-21 MS	CS-21 (1')	Total/NA	Solid	5035	
880-61653-21 MSD	CS-21 (1')	Total/NA	Solid	5035	

Prep Batch: 117094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-9	CS-9 (1')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 117094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-10	CS-10 (1')	Total/NA	Solid	5035	
880-61653-11	CS-11 (1')	Total/NA	Solid	5035	
880-61653-12	CS-12 (1')	Total/NA	Solid	5035	
880-61653-13	CS-13 (1')	Total/NA	Solid	5035	
880-61653-14	CS-14 (1')	Total/NA	Solid	5035	
880-61653-15	CS-15 (1')	Total/NA	Solid	5035	
880-61653-16	CS-16 (1')	Total/NA	Solid	5035	
880-61653-17	CS-17 (1')	Total/NA	Solid	5035	
880-61653-18	CS-18 (1')	Total/NA	Solid	5035	
880-61653-19	CS-19 (1')	Total/NA	Solid	5035	
880-61653-20	CS-20 (1')	Total/NA	Solid	5035	
MB 880-117094/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117094/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117094/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61653-11 MS	CS-11 (1')	Total/NA	Solid	5035	
880-61653-11 MSD	CS-11 (1')	Total/NA	Solid	5035	

Analysis Batch: 117114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-2	CS-2 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-3	CS-3 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-4	CS-4 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-5	CS-5 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-6	CS-6 (1')	Total/NA	Solid	Total BTEX	
880-61653-7	CS-7 (1')	Total/NA	Solid	Total BTEX	
880-61653-8	CS-8 (1')	Total/NA	Solid	Total BTEX	
880-61653-9	CS-9 (1')	Total/NA	Solid	Total BTEX	
880-61653-10	CS-10 (1')	Total/NA	Solid	Total BTEX	
880-61653-11	CS-11 (1')	Total/NA	Solid	Total BTEX	
880-61653-12	CS-12 (1')	Total/NA	Solid	Total BTEX	
880-61653-13	CS-13 (1')	Total/NA	Solid	Total BTEX	
880-61653-14	CS-14 (1')	Total/NA	Solid	Total BTEX	
880-61653-15	CS-15 (1')	Total/NA	Solid	Total BTEX	
880-61653-16	CS-16 (1')	Total/NA	Solid	Total BTEX	
880-61653-17	CS-17 (1')	Total/NA	Solid	Total BTEX	
880-61653-18	CS-18 (1')	Total/NA	Solid	Total BTEX	
880-61653-19	CS-19 (1')	Total/NA	Solid	Total BTEX	
880-61653-20	CS-20 (1')	Total/NA	Solid	Total BTEX	
880-61653-21	CS-21 (1')	Total/NA	Solid	Total BTEX	
880-61653-22	SW-1 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-23	SW-2 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-24	SW-3 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-25	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-26	SW-5 (0.5')	Total/NA	Solid	Total BTEX	
880-61653-27	SW-6 (1')	Total/NA	Solid	Total BTEX	
880-61653-28	SW-7 (1')	Total/NA	Solid	Total BTEX	
880-61653-29	SW-8 (1')	Total/NA	Solid	Total BTEX	
880-61653-30	SW-9 (1')	Total/NA	Solid	Total BTEX	
880-61653-31	SW-10 (1')	Total/NA	Solid	Total BTEX	
880-61653-32	SW-11 (1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 117114 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-33	SW-12 (1')	Total/NA	Solid	Total BTEX	
880-61653-34	SW-13 (1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-2	CS-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-3	CS-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-4	CS-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-5	CS-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-6	CS-6 (1')	Total/NA	Solid	8015NM Prep	
MB 880-116912/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116912/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116912/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8635-A-44-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8635-A-44-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 117009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-7	CS-7 (1')	Total/NA	Solid	8015NM Prep	
880-61653-8	CS-8 (1')	Total/NA	Solid	8015NM Prep	
880-61653-9	CS-9 (1')	Total/NA	Solid	8015NM Prep	
880-61653-10	CS-10 (1')	Total/NA	Solid	8015NM Prep	
880-61653-11	CS-11 (1')	Total/NA	Solid	8015NM Prep	
880-61653-12	CS-12 (1')	Total/NA	Solid	8015NM Prep	
880-61653-13	CS-13 (1')	Total/NA	Solid	8015NM Prep	
880-61653-14	CS-14 (1')	Total/NA	Solid	8015NM Prep	
880-61653-15	CS-15 (1')	Total/NA	Solid	8015NM Prep	
MB 880-117009/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117009/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8637-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8637-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-16	CS-16 (1')	Total/NA	Solid	8015B NM	117057
880-61653-17	CS-17 (1')	Total/NA	Solid	8015B NM	117057
880-61653-18	CS-18 (1')	Total/NA	Solid	8015B NM	117057
880-61653-19	CS-19 (1')	Total/NA	Solid	8015B NM	117057
880-61653-20	CS-20 (1')	Total/NA	Solid	8015B NM	117057
880-61653-21	CS-21 (1')	Total/NA	Solid	8015B NM	117057
880-61653-22	SW-1 (0.5')	Total/NA	Solid	8015B NM	117057
880-61653-23	SW-2 (0.5')	Total/NA	Solid	8015B NM	117057
880-61653-24	SW-3 (0.5')	Total/NA	Solid	8015B NM	117057
880-61653-25	SW-4 (0.5')	Total/NA	Solid	8015B NM	117057
880-61653-26	SW-5 (0.5')	Total/NA	Solid	8015B NM	117057
880-61653-27	SW-6 (1')	Total/NA	Solid	8015B NM	117057
880-61653-28	SW-7 (1')	Total/NA	Solid	8015B NM	117057

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 117016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-29	SW-8 (1')	Total/NA	Solid	8015B NM	117057
880-61653-30	SW-9 (1')	Total/NA	Solid	8015B NM	117057
880-61653-31	SW-10 (1')	Total/NA	Solid	8015B NM	117057
880-61653-32	SW-11 (1')	Total/NA	Solid	8015B NM	117057
880-61653-33	SW-12 (1')	Total/NA	Solid	8015B NM	117057
880-61653-34	SW-13 (1')	Total/NA	Solid	8015B NM	117057
MB 880-117057/1-A	Method Blank	Total/NA	Solid	8015B NM	117057
LCS 880-117057/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117057
LCSD 880-117057/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117057
880-61653-16 MS	CS-16 (1')	Total/NA	Solid	8015B NM	117057
880-61653-16 MSD	CS-16 (1')	Total/NA	Solid	8015B NM	117057

Analysis Batch: 117019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Total/NA	Solid	8015B NM	116912
880-61653-2	CS-2 (0.5')	Total/NA	Solid	8015B NM	116912
880-61653-3	CS-3 (0.5')	Total/NA	Solid	8015B NM	116912
880-61653-4	CS-4 (0.5')	Total/NA	Solid	8015B NM	116912
880-61653-5	CS-5 (0.5')	Total/NA	Solid	8015B NM	116912
880-61653-6	CS-6 (1')	Total/NA	Solid	8015B NM	116912
MB 880-116912/1-A	Method Blank	Total/NA	Solid	8015B NM	116912
LCS 880-116912/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116912
LCSD 880-116912/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116912
890-8635-A-44-E MS	Matrix Spike	Total/NA	Solid	8015B NM	116912
890-8635-A-44-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	116912

Analysis Batch: 117021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-7	CS-7 (1')	Total/NA	Solid	8015B NM	117009
880-61653-8	CS-8 (1')	Total/NA	Solid	8015B NM	117009
880-61653-9	CS-9 (1')	Total/NA	Solid	8015B NM	117009
880-61653-10	CS-10 (1')	Total/NA	Solid	8015B NM	117009
880-61653-11	CS-11 (1')	Total/NA	Solid	8015B NM	117009
880-61653-12	CS-12 (1')	Total/NA	Solid	8015B NM	117009
880-61653-13	CS-13 (1')	Total/NA	Solid	8015B NM	117009
880-61653-14	CS-14 (1')	Total/NA	Solid	8015B NM	117009
880-61653-15	CS-15 (1')	Total/NA	Solid	8015B NM	117009
MB 880-117009/1-A	Method Blank	Total/NA	Solid	8015B NM	117009
LCS 880-117009/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117009
LCSD 880-117009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117009
890-8637-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	117009
890-8637-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117009

Prep Batch: 117057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-16	CS-16 (1')	Total/NA	Solid	8015NM Prep	
880-61653-17	CS-17 (1')	Total/NA	Solid	8015NM Prep	
880-61653-18	CS-18 (1')	Total/NA	Solid	8015NM Prep	
880-61653-19	CS-19 (1')	Total/NA	Solid	8015NM Prep	
880-61653-20	CS-20 (1')	Total/NA	Solid	8015NM Prep	
880-61653-21	CS-21 (1')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 117057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-22	SW-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-23	SW-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-24	SW-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-25	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-26	SW-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-61653-27	SW-6 (1')	Total/NA	Solid	8015NM Prep	
880-61653-28	SW-7 (1')	Total/NA	Solid	8015NM Prep	
880-61653-29	SW-8 (1')	Total/NA	Solid	8015NM Prep	
880-61653-30	SW-9 (1')	Total/NA	Solid	8015NM Prep	
880-61653-31	SW-10 (1')	Total/NA	Solid	8015NM Prep	
880-61653-32	SW-11 (1')	Total/NA	Solid	8015NM Prep	
880-61653-33	SW-12 (1')	Total/NA	Solid	8015NM Prep	
880-61653-34	SW-13 (1')	Total/NA	Solid	8015NM Prep	
MB 880-117057/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117057/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117057/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61653-16 MS	CS-16 (1')	Total/NA	Solid	8015NM Prep	
880-61653-16 MSD	CS-16 (1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Total/NA	Solid	8015 NM	
880-61653-2	CS-2 (0.5')	Total/NA	Solid	8015 NM	
880-61653-3	CS-3 (0.5')	Total/NA	Solid	8015 NM	
880-61653-4	CS-4 (0.5')	Total/NA	Solid	8015 NM	
880-61653-5	CS-5 (0.5')	Total/NA	Solid	8015 NM	
880-61653-6	CS-6 (1')	Total/NA	Solid	8015 NM	
880-61653-7	CS-7 (1')	Total/NA	Solid	8015 NM	
880-61653-8	CS-8 (1')	Total/NA	Solid	8015 NM	
880-61653-9	CS-9 (1')	Total/NA	Solid	8015 NM	
880-61653-10	CS-10 (1')	Total/NA	Solid	8015 NM	
880-61653-11	CS-11 (1')	Total/NA	Solid	8015 NM	
880-61653-12	CS-12 (1')	Total/NA	Solid	8015 NM	
880-61653-13	CS-13 (1')	Total/NA	Solid	8015 NM	
880-61653-14	CS-14 (1')	Total/NA	Solid	8015 NM	
880-61653-15	CS-15 (1')	Total/NA	Solid	8015 NM	
880-61653-16	CS-16 (1')	Total/NA	Solid	8015 NM	
880-61653-17	CS-17 (1')	Total/NA	Solid	8015 NM	
880-61653-18	CS-18 (1')	Total/NA	Solid	8015 NM	
880-61653-19	CS-19 (1')	Total/NA	Solid	8015 NM	
880-61653-20	CS-20 (1')	Total/NA	Solid	8015 NM	
880-61653-21	CS-21 (1')	Total/NA	Solid	8015 NM	
880-61653-22	SW-1 (0.5')	Total/NA	Solid	8015 NM	
880-61653-23	SW-2 (0.5')	Total/NA	Solid	8015 NM	
880-61653-24	SW-3 (0.5')	Total/NA	Solid	8015 NM	
880-61653-25	SW-4 (0.5')	Total/NA	Solid	8015 NM	
880-61653-26	SW-5 (0.5')	Total/NA	Solid	8015 NM	
880-61653-27	SW-6 (1')	Total/NA	Solid	8015 NM	
880-61653-28	SW-7 (1')	Total/NA	Solid	8015 NM	
880-61653-29	SW-8 (1')	Total/NA	Solid	8015 NM	
880-61653-30	SW-9 (1')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 117080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-31	SW-10 (1')	Total/NA	Solid	8015 NM	
880-61653-32	SW-11 (1')	Total/NA	Solid	8015 NM	
880-61653-33	SW-12 (1')	Total/NA	Solid	8015 NM	
880-61653-34	SW-13 (1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-61653-2	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-61653-3	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-61653-4	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-61653-5	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-61653-6	CS-6 (1')	Soluble	Solid	DI Leach	
880-61653-7	CS-7 (1')	Soluble	Solid	DI Leach	
880-61653-8	CS-8 (1')	Soluble	Solid	DI Leach	
880-61653-9	CS-9 (1')	Soluble	Solid	DI Leach	
880-61653-10	CS-10 (1')	Soluble	Solid	DI Leach	
880-61653-11	CS-11 (1')	Soluble	Solid	DI Leach	
880-61653-12	CS-12 (1')	Soluble	Solid	DI Leach	
880-61653-13	CS-13 (1')	Soluble	Solid	DI Leach	
880-61653-14	CS-14 (1')	Soluble	Solid	DI Leach	
880-61653-15	CS-15 (1')	Soluble	Solid	DI Leach	
880-61653-16	CS-16 (1')	Soluble	Solid	DI Leach	
880-61653-17	CS-17 (1')	Soluble	Solid	DI Leach	
MB 880-117056/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117056/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117056/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61653-1 MS	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-61653-1 MSD	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-61653-11 MS	CS-11 (1')	Soluble	Solid	DI Leach	
880-61653-11 MSD	CS-11 (1')	Soluble	Solid	DI Leach	

Leach Batch: 117058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-18	CS-18 (1')	Soluble	Solid	DI Leach	
880-61653-19	CS-19 (1')	Soluble	Solid	DI Leach	
880-61653-20	CS-20 (1')	Soluble	Solid	DI Leach	
880-61653-21	CS-21 (1')	Soluble	Solid	DI Leach	
880-61653-22	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-61653-23	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-61653-24	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-61653-25	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-61653-26	SW-5 (0.5')	Soluble	Solid	DI Leach	
880-61653-27	SW-6 (1')	Soluble	Solid	DI Leach	
880-61653-28	SW-7 (1')	Soluble	Solid	DI Leach	
880-61653-29	SW-8 (1')	Soluble	Solid	DI Leach	
880-61653-30	SW-9 (1')	Soluble	Solid	DI Leach	
880-61653-31	SW-10 (1')	Soluble	Solid	DI Leach	
880-61653-32	SW-11 (1')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 117058 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-33	SW-12 (1')	Soluble	Solid	DI Leach	
880-61653-34	SW-13 (1')	Soluble	Solid	DI Leach	
MB 880-117058/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117058/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117058/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61653-18 MS	CS-18 (1')	Soluble	Solid	DI Leach	
880-61653-18 MSD	CS-18 (1')	Soluble	Solid	DI Leach	
880-61653-28 MS	SW-7 (1')	Soluble	Solid	DI Leach	
880-61653-28 MSD	SW-7 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 117068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-18	CS-18 (1')	Soluble	Solid	300.0	117058
880-61653-19	CS-19 (1')	Soluble	Solid	300.0	117058
880-61653-20	CS-20 (1')	Soluble	Solid	300.0	117058
880-61653-21	CS-21 (1')	Soluble	Solid	300.0	117058
880-61653-22	SW-1 (0.5')	Soluble	Solid	300.0	117058
880-61653-23	SW-2 (0.5')	Soluble	Solid	300.0	117058
880-61653-24	SW-3 (0.5')	Soluble	Solid	300.0	117058
880-61653-25	SW-4 (0.5')	Soluble	Solid	300.0	117058
880-61653-26	SW-5 (0.5')	Soluble	Solid	300.0	117058
880-61653-27	SW-6 (1')	Soluble	Solid	300.0	117058
880-61653-28	SW-7 (1')	Soluble	Solid	300.0	117058
880-61653-29	SW-8 (1')	Soluble	Solid	300.0	117058
880-61653-30	SW-9 (1')	Soluble	Solid	300.0	117058
880-61653-31	SW-10 (1')	Soluble	Solid	300.0	117058
880-61653-32	SW-11 (1')	Soluble	Solid	300.0	117058
880-61653-33	SW-12 (1')	Soluble	Solid	300.0	117058
880-61653-34	SW-13 (1')	Soluble	Solid	300.0	117058
MB 880-117058/1-A	Method Blank	Soluble	Solid	300.0	117058
LCS 880-117058/2-A	Lab Control Sample	Soluble	Solid	300.0	117058
LCSD 880-117058/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117058
880-61653-18 MS	CS-18 (1')	Soluble	Solid	300.0	117058
880-61653-18 MSD	CS-18 (1')	Soluble	Solid	300.0	117058
880-61653-28 MS	SW-7 (1')	Soluble	Solid	300.0	117058
880-61653-28 MSD	SW-7 (1')	Soluble	Solid	300.0	117058

Analysis Batch: 117071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-1	CS-1 (0.5')	Soluble	Solid	300.0	117056
880-61653-2	CS-2 (0.5')	Soluble	Solid	300.0	117056
880-61653-3	CS-3 (0.5')	Soluble	Solid	300.0	117056
880-61653-4	CS-4 (0.5')	Soluble	Solid	300.0	117056
880-61653-5	CS-5 (0.5')	Soluble	Solid	300.0	117056
880-61653-6	CS-6 (1')	Soluble	Solid	300.0	117056
880-61653-7	CS-7 (1')	Soluble	Solid	300.0	117056
880-61653-8	CS-8 (1')	Soluble	Solid	300.0	117056
880-61653-9	CS-9 (1')	Soluble	Solid	300.0	117056
880-61653-10	CS-10 (1')	Soluble	Solid	300.0	117056
880-61653-11	CS-11 (1')	Soluble	Solid	300.0	117056
880-61653-12	CS-12 (1')	Soluble	Solid	300.0	117056

QC Association Summary

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 117071 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61653-13	CS-13 (1')	Soluble	Solid	300.0	117056
880-61653-14	CS-14 (1')	Soluble	Solid	300.0	117056
880-61653-15	CS-15 (1')	Soluble	Solid	300.0	117056
880-61653-16	CS-16 (1')	Soluble	Solid	300.0	117056
880-61653-17	CS-17 (1')	Soluble	Solid	300.0	117056
MB 880-117056/1-A	Method Blank	Soluble	Solid	300.0	117056
LCS 880-117056/2-A	Lab Control Sample	Soluble	Solid	300.0	117056
LCSD 880-117056/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117056
880-61653-1 MS	CS-1 (0.5')	Soluble	Solid	300.0	117056
880-61653-1 MSD	CS-1 (0.5')	Soluble	Solid	300.0	117056
880-61653-11 MS	CS-11 (1')	Soluble	Solid	300.0	117056
880-61653-11 MSD	CS-11 (1')	Soluble	Solid	300.0	117056

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (0.5')
Lab Sample ID: 880-61653-1

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 11:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 13:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116912	08/19/25 12:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 13:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 20:36	SMC	EET MID

Client Sample ID: CS-2 (0.5')
Lab Sample ID: 880-61653-2

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 11:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116912	08/19/25 12:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 14:14	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 20:48	SMC	EET MID

Client Sample ID: CS-3 (0.5')
Lab Sample ID: 880-61653-3

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 12:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116912	08/19/25 12:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 20:55	SMC	EET MID

Client Sample ID: CS-4 (0.5')
Lab Sample ID: 880-61653-4

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 12:38	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (0.5')
Lab Sample ID: 880-61653-4

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116912	08/19/25 12:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 14:43	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 21:03	SMC	EET MID

Client Sample ID: CS-5 (0.5')
Lab Sample ID: 880-61653-5

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 12:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116912	08/19/25 12:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 14:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 21:10	SMC	EET MID

Client Sample ID: CS-6 (1')
Lab Sample ID: 880-61653-6

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 13:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 15:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116912	08/19/25 12:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 15:12	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 21:33	SMC	EET MID

Client Sample ID: CS-7 (1')
Lab Sample ID: 880-61653-7

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 13:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 13:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 13:10	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1')

Lab Sample ID: 880-61653-7
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/20/25 10:09	SMC	EET MID

Client Sample ID: CS-8 (1')

Lab Sample ID: 880-61653-8
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117059	08/19/25 12:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117011	08/20/25 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 14:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 13:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 13:29	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/20/25 10:16	SMC	EET MID

Client Sample ID: CS-9 (1')

Lab Sample ID: 880-61653-9
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 13:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 13:44	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 21:50	SMC	EET MID

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-61653-10
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 13:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 13:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 13:59	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 21:58	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (1')
Lab Sample ID: 880-61653-11

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 10:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 10:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 14:14	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 22:05	SMC	EET MID

Client Sample ID: CS-12 (1')
Lab Sample ID: 880-61653-12

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 09:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 09:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117009	08/19/25 12:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 22:28	SMC	EET MID

Client Sample ID: CS-13 (1')
Lab Sample ID: 880-61653-13

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 09:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 09:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 14:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/20/25 10:24	SMC	EET MID

Client Sample ID: CS-14 (1')
Lab Sample ID: 880-61653-14

Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 09:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 09:43	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (1')

Lab Sample ID: 880-61653-14
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117080	08/19/25 14:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 14:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/19/25 22:58	SMC	EET MID

Client Sample ID: CS-15 (1')

Lab Sample ID: 880-61653-15
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 10:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 10:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 15:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117009	08/19/25 12:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 15:12	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/20/25 10:31	SMC	EET MID

Client Sample ID: CS-16 (1')

Lab Sample ID: 880-61653-16
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 10:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 10:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 16:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 16:44	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/20/25 10:39	SMC	EET MID

Client Sample ID: CS-17 (1')

Lab Sample ID: 880-61653-17
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 11:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 11:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 17:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 17:31	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-17
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			5.03 g	50 mL	117056	08/19/25 12:46	SA	EET MID
Soluble	Analysis	300.0		1			117071	08/20/25 10:47	SMC	EET MID

Client Sample ID: CS-18 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-18
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	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 11:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 11:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 17:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 17:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 22:46	SMC	EET MID

Client Sample ID: CS-19 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-19
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			5.00 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 11:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 11:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 18:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 18:01	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:03	SMC	EET MID

Client Sample ID: CS-20 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-20
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			5.04 g	5 mL	117094	08/20/25 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117012	08/20/25 12:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 12:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 18:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 18:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:08	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (1')

Lab Sample ID: 880-61653-21
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 19:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 18:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:14	SMC	EET MID

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-61653-22
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 20:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 18:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 18:48	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:20	SMC	EET MID

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-61653-23
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 20:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 19:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 19:04	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:37	SMC	EET MID

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-61653-24
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 20:43	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-61653-24
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117080	08/19/25 19:20	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 19:20	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:42	SMC	EET MID

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-61653-25
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 21:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 19:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 19:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:48	SMC	EET MID

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-61653-26
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 21:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 20:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 20:07	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:53	SMC	EET MID

Client Sample ID: SW-6 (1')

Lab Sample ID: 880-61653-27
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 21:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 21:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 20:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 20:22	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/19/25 23:59	SMC	EET MID

Client Sample ID: SW-7 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 22:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 22:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 20:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 20:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 00:05	SMC	EET MID

Client Sample ID: SW-8 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 22:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 22:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 20:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 20:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 00:22	SMC	EET MID

Client Sample ID: SW-9 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/19/25 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/19/25 22:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 21:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 21:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 00:27	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/20/25 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 00:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 21:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 21:24	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 00:44	SMC	EET MID

Client Sample ID: SW-11 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/20/25 00:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 00:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 21:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 21:41	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 00:50	SMC	EET MID

Client Sample ID: SW-12 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-33
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	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/20/25 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 01:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			117080	08/19/25 21:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 21:56	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 00:56	SMC	EET MID

Client Sample ID: SW-13 (1')
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117060	08/19/25 12:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117013	08/20/25 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117114	08/20/25 01:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (1')

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61653-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117080	08/19/25 22:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	117057	08/19/25 12:47	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117016	08/19/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	117058	08/19/25 12:48	SA	EET MID
Soluble	Analysis	300.0		1			117068	08/20/25 01:02	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: Smalls Federal

Job ID: 880-61653-1
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: Smalls Federal

Job ID: 880-61653-1
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: Smalls Federal

Job ID: 880-61653-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61653-1	CS-1 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-2	CS-2 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-3	CS-3 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-4	CS-4 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-5	CS-5 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-6	CS-6 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-7	CS-7 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-8	CS-8 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-9	CS-9 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-10	CS-10 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-11	CS-11 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-12	CS-12 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-13	CS-13 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-14	CS-14 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-15	CS-15 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-16	CS-16 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-17	CS-17 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-18	CS-18 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-19	CS-19 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-20	CS-20 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-21	CS-21 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-22	SW-1 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-23	SW-2 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-24	SW-3 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-25	SW-4 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-26	SW-5 (0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-27	SW-6 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-28	SW-7 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-29	SW-8 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-30	SW-9 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-31	SW-10 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-32	SW-11 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-33	SW-12 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61653-34	SW-13 (1')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico

Chain of Custody

880-61653 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	TR8	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.1	
Total Containers:		Corrected Temperature:	4.0	

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	Sample Comments
CS-1 (0.5')	8/15/2025		X		Comp	1		X	X	X	
CS-2 (0.5')	8/15/2025		X		Comp	1		X	X	X	
CS-3 (0.5')	8/15/2025		X		Comp	1		X	X	X	
CS-4 (0.5')	8/15/2025		X		Comp	1		X	X	X	
CS-5 (0.5')	8/15/2025		X		Comp	1		X	X	X	
CS-6 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-7 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-8 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-9 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-10 (1')	8/15/2025		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/14/25 1140		8/14/25 1140

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Smalls Federal	Turn Around		
Project Number:	2780	☐ Routine	☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	24 HR TAT	
Sampler's Name:	JM			
PO #:				

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-11 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-12 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-13 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-14 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-15 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-16 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-17 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-18 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-19 (1')	8/15/2025		X		Comp	1		X	X	X	
CS-20 (1')	8/15/2025		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/14/25 1140		8/15/25 1140

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-21 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-1 (0.5')	8/15/2025		X		Comp	1		X	X	X	
SW-2 (0.5')	8/15/2025		X		Comp	1		X	X	X	
SW-3 (0.5')	8/15/2025		X		Comp	1		X	X	X	
SW-4 (0.5')	8/15/2025		X		Comp	1		X	X	X	
SW-5 (0.5')	8/15/2025		X		Comp	1		X	X	X	
SW-6 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-7 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-8 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-9 (1')	8/15/2025		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/14/25 1140		8/14/25 1140

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-10 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-11 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-12 (1')	8/15/2025		X		Comp	1		X	X	X	
SW-13 (1')	8/15/2025		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/19/25 1140		8/19/25 1140

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61653-1
SDG Number: Lea County, New Mexico

Login Number: 61653
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/3/2025 12:08:35 PM

JOB DESCRIPTION

SMALLS FEDERAL
2780

JOB NUMBER

890-8745-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

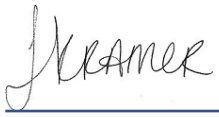
Eurofins Carlsbad

Job Notes

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

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

Authorization



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

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Laboratory Job ID: 890-8745-1
SDG: 2780

Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 890-8745-1
Project/Site: SMALLS FEDERAL SDG: 2780

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: SMALLS FEDERAL

Job ID: 890-8745-1

Job ID: 890-8745-1 Eurofins Carlsbad

Job Narrative
890-8745-1

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 9/2/2025 1:15 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 -4.4°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: BACKFILL SAMPLE (890-8745-1).

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117914 and analytical batch 880-118059 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

Client Sample ID: BACKFILL SAMPLE

Date Collected: 09/02/25 00:00
Date Received: 09/02/25 13:15

Lab Sample ID: 890-8745-1

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		09/03/25 08:20	09/03/25 11:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		09/03/25 08:20	09/03/25 11:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/25 08:20	09/03/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/03/25 08:20*	*09/03/25 11:45*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/03/25 08:20*	*09/03/25 11:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/03/25 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/03/25 11:30	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		08/29/25 11:18	09/03/25 11:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/29/25 11:18	09/03/25 11:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/29/25 11:18	09/03/25 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*08/29/25 11:18*	*09/03/25 11:30*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/29/25 11:18*	*09/03/25 11:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			09/03/25 10:24	1

Surrogate Summary

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

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)										
890-8745-1	BACKFILL SAMPLE	101	89										
890-8745-1 MS	BACKFILL SAMPLE	119	97										
890-8745-1 MSD	BACKFILL SAMPLE	103	101										
LCS 880-118119/1-A	Lab Control Sample	101	99										
LCSD 880-118119/2-A	Lab Control Sample Dup	119	97										
MB 880-118119/5-A	Method Blank	107	84										

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)										
820-20648-A-50-C MS	Matrix Spike	84	75										
820-20648-A-50-D MSD	Matrix Spike Duplicate	84	74										
890-8745-1	BACKFILL SAMPLE	96	89										
LCS 880-117914/2-A	Lab Control Sample	85	75										
LCSD 880-117914/3-A	Lab Control Sample Dup	84	75										
MB 880-117914/1-A	Method Blank	78	73										

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-118119/5-A
Matrix: Solid
Analysis Batch: 118116

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118119

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:23	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/03/25 08:20	09/03/25 11:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/25 08:20	09/03/25 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/25 08:20	09/03/25 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/03/25 08:20*	*09/03/25 11:23*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/03/25 08:20*	*09/03/25 11:23*	*1*

Lab Sample ID: LCS 880-118119/1-A
Matrix: Solid
Analysis Batch: 118116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118119

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08063		mg/Kg		81	70 - 130		
Toluene			0.100	0.07209		mg/Kg		72	70 - 130		
Ethylbenzene			0.100	0.08168		mg/Kg		82	70 - 130		
m,p-Xylenes			0.200	0.1596		mg/Kg		80	70 - 130		
o-Xylene			0.100	0.08053		mg/Kg		81	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-118119/2-A
Matrix: Solid
Analysis Batch: 118116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118119

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07559		mg/Kg		76	70 - 130	6	35
Toluene			0.100	0.07579		mg/Kg		76	70 - 130	5	35
Ethylbenzene			0.100	0.08902		mg/Kg		89	70 - 130	9	35
m,p-Xylenes			0.200	0.1786		mg/Kg		89	70 - 130	11	35
o-Xylene			0.100	0.08863		mg/Kg		89	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-8745-1 MS
Matrix: Solid
Analysis Batch: 118116

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 118119

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08764		mg/Kg		88	70 - 130		
Toluene	<0.00200	U	0.100	0.08293		mg/Kg		83	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

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

Lab Sample ID: 890-8745-1 MS
Matrix: Solid
Analysis Batch: 118116

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 118119

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09517		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1875		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09323		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 890-8745-1 MSD
Matrix: Solid
Analysis Batch: 118116

Client Sample ID: BACKFILL SAMPLE
Prep Type: Total/NA
Prep Batch: 118119

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	0.09924		mg/Kg		99	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.08799		mg/Kg		88	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.09785		mg/Kg		98	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.1902		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09415		mg/Kg		94	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-117914/1-A
Matrix: Solid
Analysis Batch: 118059

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117914

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		08/29/25 11:18	09/02/25 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/29/25 11:18	09/02/25 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/29/25 11:18	09/02/25 19:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*08/29/25 11:18*	*09/02/25 19:21*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*08/29/25 11:18*	*09/02/25 19:21*	*1*

Lab Sample ID: LCS 880-117914/2-A
Matrix: Solid
Analysis Batch: 118059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	855.2		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	815.8		mg/Kg		82	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

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

Lab Sample ID: LCS 880-117914/2-A
Matrix: Solid
Analysis Batch: 118059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117914

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	75		70 - 130

Lab Sample ID: LCSD 880-117914/3-A
Matrix: Solid
Analysis Batch: 118059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117914

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	858.7		mg/Kg		86	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	803.7		mg/Kg		80	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	75		70 - 130

Lab Sample ID: 820-20648-A-50-C MS
Matrix: Solid
Analysis Batch: 118059

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117914

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	651.6	F1	mg/Kg		65	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	593.8	F1	mg/Kg		59	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	75		70 - 130

Lab Sample ID: 820-20648-A-50-D MSD
Matrix: Solid
Analysis Batch: 118059

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 117914

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	653.4	F1	mg/Kg		65	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	596.7	F1	mg/Kg		60	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	74		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-118074/1-A
Matrix: Solid
Analysis Batch: 118111

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			09/02/25 21:11	1

Lab Sample ID: LCS 880-118074/2-A
Matrix: Solid
Analysis Batch: 118111

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.5		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-118074/3-A
Matrix: Solid
Analysis Batch: 118111

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	253.2		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-62147-A-24-E MS
Matrix: Solid
Analysis Batch: 118111

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	740		250	973.9		mg/Kg		94	90 - 110		

Lab Sample ID: 880-62147-A-24-F MSD
Matrix: Solid
Analysis Batch: 118111

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	740		250	981.7		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

GC VOA

Analysis Batch: 118116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Total/NA	Solid	8021B	118119
MB 880-118119/5-A	Method Blank	Total/NA	Solid	8021B	118119
LCS 880-118119/1-A	Lab Control Sample	Total/NA	Solid	8021B	118119
LCSD 880-118119/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	118119
890-8745-1 MS	BACKFILL SAMPLE	Total/NA	Solid	8021B	118119
890-8745-1 MSD	BACKFILL SAMPLE	Total/NA	Solid	8021B	118119

Prep Batch: 118119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Total/NA	Solid	5035	
MB 880-118119/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-118119/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-118119/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8745-1 MS	BACKFILL SAMPLE	Total/NA	Solid	5035	
890-8745-1 MSD	BACKFILL SAMPLE	Total/NA	Solid	5035	

Analysis Batch: 118165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 117914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Total/NA	Solid	8015NM Prep	
MB 880-117914/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117914/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-20648-A-50-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
820-20648-A-50-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 118059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Total/NA	Solid	8015B NM	117914
MB 880-117914/1-A	Method Blank	Total/NA	Solid	8015B NM	117914
LCS 880-117914/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117914
LCSD 880-117914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117914
820-20648-A-50-C MS	Matrix Spike	Total/NA	Solid	8015B NM	117914
820-20648-A-50-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117914

Analysis Batch: 118168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 118074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Soluble	Solid	DI Leach	
MB 880-118074/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-118074/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-118074/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

HPLC/IC (Continued)

Leach Batch: 118074 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62147-A-24-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-62147-A-24-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 118111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8745-1	BACKFILL SAMPLE	Soluble	Solid	300.0	118074
MB 880-118074/1-A	Method Blank	Soluble	Solid	300.0	118074
LCS 880-118074/2-A	Lab Control Sample	Soluble	Solid	300.0	118074
LCSD 880-118074/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	118074
880-62147-A-24-E MS	Matrix Spike	Soluble	Solid	300.0	118074
880-62147-A-24-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	118074

Lab Chronicle

Client: Carmona Resources
Project/Site: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

Client Sample ID: BACKFILL SAMPLE

Date Collected: 09/02/25 00:00
Date Received: 09/02/25 13:15

Lab Sample ID: 890-8745-1

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	118119	09/03/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118116	09/03/25 11:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118165	09/03/25 11:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			118168	09/03/25 11:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117914	08/29/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118059	09/03/25 11:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	118074	09/03/25 08:32	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	118111	09/03/25 10:24	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: 890-8745-1
Project/Site: SMALLS FEDERAL
SDG: 2780

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: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

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: SMALLS FEDERAL

Job ID: 890-8745-1
SDG: 2780

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8745-1	BACKFILL SAMPLE	Solid	09/02/25 00:00	09/02/25 13:15	New Mexico

Chain of Custody

Work Order No: _____

Page ___1___ of ___1___

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Smalls Federal	Turn Around	
Project Number:	2780	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 Hour TAT
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	TWN000
Cooler Custody Seals:	~~Yes No N/A~~	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.6
Total Containers:		Corrected Temperature:	-4.4

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
Backfill Sample	9/2/2025		X		Comp	1		X	X	X

890-8745 Chain of Custody

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			9/2 13:5

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8745-1
SDG Number: 2780

Login Number: 8745
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8745-1
SDG Number: 2780

Login Number: 8745
List Number: 2
Creator: Laing, Edmundo

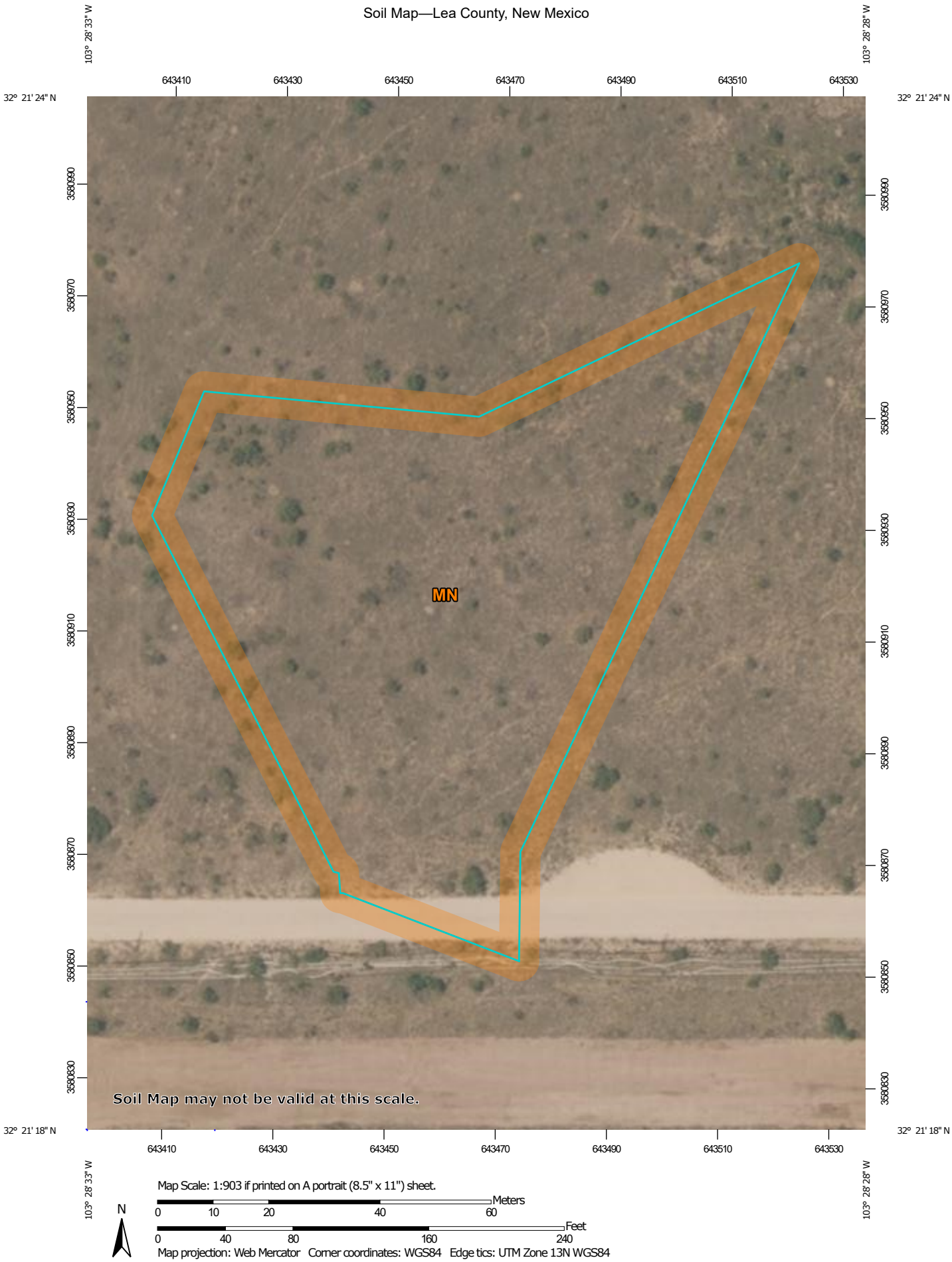
List Source: Eurofins Midland
List Creation: 09/03/25 08:17 AM

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

Soil Map—Lea County, New Mexico



Map Scale: 1:903 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 10 20 40 60

Feet: 0 40 80 160 240

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MN	Ratliff-Wink fine sandy loams	1.7	100.0%
Totals for Area of Interest		**1.7**	**100.0%**

Lea County, New Mexico

MN—Ratliff-Wink fine sandy loams

Map Unit Setting

National map unit symbol: dmqf
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Ratliff and similar soils: 45 percent
Wink and similar soils: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ratliff

Setting

Landform: Plains
Landform position (three-dimensional): Dip
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Calcareous alluvium and/or calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 4 inches: fine sandy loam
Bw - 4 to 22 inches: clay loam
Bk - 22 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.1 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Wink

Setting

Landform: Plains
Landform position (three-dimensional): Dip
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Calcareous sandy alluvium and/or calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: fine sandy loam
Bk - 12 to 23 inches: sandy loam
BCk - 23 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 30 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 6 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Maljamar
Percent of map unit: 5 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas
Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

NMSLO Seed Mix Sandy Loam (SL)

SANDY LOAM (SL) SITES SEED MIXTURE:

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Galleta grass	Viva, VNS, So.	2.5	F
Little bluestem	Cimmaron, Pastura	2.5	F
Blue grama	Hachita, Lovington	2.0	D
Sideoats grama	Vaughn, El Reno	2.0	F
Sand dropseed	VNS, Southern	1.0	S
Forbs:			
Indian blanketflower	VNS, Southern	1.0	D
Parry penstemon	VNS, Southern	1.0	D
Blue flax	Appar	1.0	D
Desert globemallow	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	VNS, Southern	2.0	D
Common winterfat	VNS, Southern	1.0	F
Apache plume	VNS, Southern	0.75	F
	Total PLS/acre	**17.75**	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry penstemon is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow or Nelson globemallow.
- If a species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.

NMSLO Cultural Resources Cover Sheet

Survey Complete Form

To: Cultural Resources Office, New Mexico State Land Office, Santa Fe, New Mexico

Re: Proposed "Cultural Resource Survey Report for Carmona Resources for Proposed Remediation and Clean-Up of the COP Smalls Federal 8H Release Located within Section 28 and 33, Township 22 South, Range 34 East in Lea County, New Mexico" project

Notification of Intent to Survey ID: N-20250702-002618

Cultural Resource Survey

NMCRIS Activity No.: 158913

Findings: Negative

Have avoidance and protection Measures been devised? Yes

Comments: Carmona Resources proposes to conduct clean-up and remediation of the COP Smalls Federal 8H Release Located within Section 28 and 33, Township 22 South, Range 34 East in Lea County, New Mexico. The survey area included the area of release disturbance which was in one rectilinear area. The spill location measures 340 feet (east/west) by 410 feet (north/ south). In addition, a roughly 100-foot survey buffer was added to the existing survey area location to a total of 540 foot by 610-foot survey parcel as per New Mexico State Land Office cultural resource survey requirements. The total survey for the location has been estimated to be 5.60 survey acres. It should be noted that a large portion of the project area is located within an existing disturbed oil facility and roadway that runs adjacent (to the south) and atop the area of concern location. Lands surveyed for the project area are privately owned with spill requirements administered by the New Mexico State Land Office.

The project area is located within a dunal desert rangeland that has been impacted by numerous sheet washing events and wind erosion. The topography consists of mesquite, yucca and grass stabilized sand sheet with a few intermixed gravels. The vegetation consists of mesquite, and assorted range grasses and forbs which provide 75-100 percent surface visibility. The soil consists of light tan silty sand with a large amount of intermixed caliche gravels. NRCS Soil Classification: Ratliff-Wink fine sandy loams and Wink fine sand which is defined as an igneous derived mixed gravelly sandy loam. Elevation within the project area is approximately 3360 and 3390 feet above mean sea level (AMSL).

No new archaeological sites or historic properties (built environment) were encountered during the current survey. During a preliminary records search of state and federal files no archaeological sites were noted within 1000 feet of the survey area. Five previous cultural resource survey have been conducted within the current project area (NMCRIS 158365, 133050, 143059, 135426 and 133048). Accordingly, no archaeological sites are located within or near the proposed project area (proposed area of potential effect) and will not be affected by this “clean-up” undertaking. No isolated occurrences were observed within the survey area.

Archaeological clearance for the proposed “clean-up” and remediation of the COP Smalls Federal 8H Release Located within Section 28 and 33, Township 22 South, Range 34 East in Lea County, New Mexico is recommended to proceed as currently defined. The New Mexico State Land Trust and

Advanced Archaeological Solutions should be immediately notified if cultural resources are encountered during the clean-up phase of this undertaking.

Submitted on: 7/2/2025 at 11:06 AM MDT

Proposed Project Details

Permitted Cultural Consultant Name: Advanced Archaeological Solutions

Permitted Cultural ConsultantPhone Number:
(575) 496 - 1570

Permitted Cultural Consultant Email Address:
mastowe@aol.com

Carmona Resources has contracted Advanced Archaeological Solutions to conduct a cultural resources survey for a proposed project “Cultural Resource Survey Report for Carmona Resources for Proposed Remediation and Clean-Up of the COP Smalls Federal 8H Release Located within Section 28 and 33, Township 22 South, Range 34 East in Lea County, New Mexico” located on New Mexico State Trust Lands in T 22S, R34E, 28,33 in Lea. The survey is estimated to begin on 06/17/2025. The total acreage of the proposed project area is 5.60. The Lead Agency for this project is NMSLO.

NMSLO Administrative Use Only:

NMSLO Lease Number: _____

Lease Analyst: _____

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Project information

NAME

Smalls Federal

LOCATION

Lea County, New Mexico

DESCRIPTION

None

Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Lesser Prairie-chicken Tympanuchus pallidicinctus No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1924	Endangered
Northern Aplomado Falcon Falco femoralis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in

your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Measures for Proactively Minimizing Migratory Bird Impacts

Your IPaC Migratory Bird list showcases birds of concern, including Birds of Conservation Concern (BCC), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the Nationwide avoidance and minimization measures for birds document, and any other project-specific avoidance and minimization measures suggested at the link Measures for avoiding and minimizing impacts to birds for the birds of concern on your list below.

Ensure Your Migratory Bird List is Accurate and Complete

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the Supplemental Information on Migratory Birds and Eagles document, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Chestnut-collared Longspur Calcarius ornatus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 10
Northern Harrier Circus hudsonius This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8350	Breeds Apr 1 to Sep 15

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

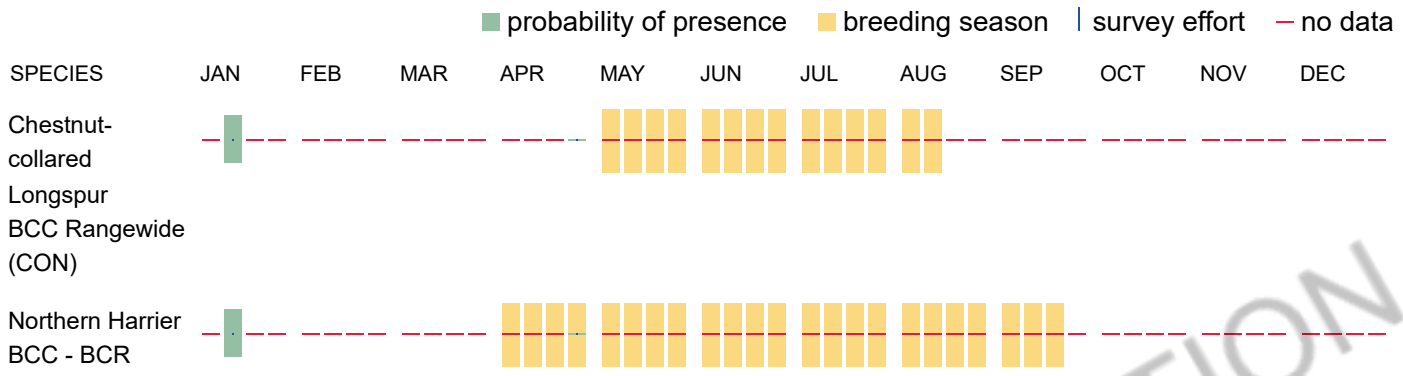
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ “Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds”.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

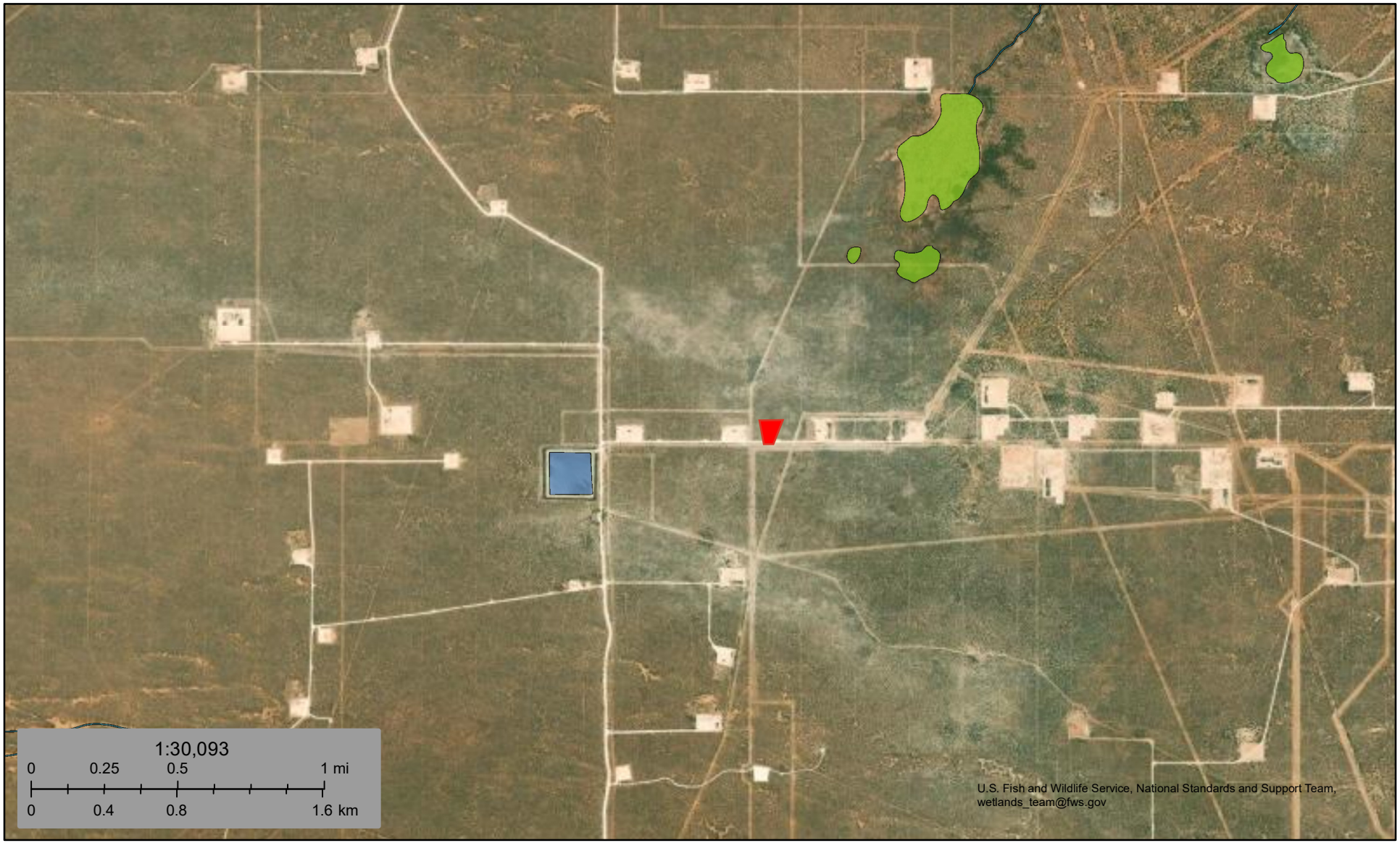
For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Smalls Federal



September 8, 2025

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

Smalls Federal

September 8, 2025

CHAT_Fullupdate2024_revised_20240514

5

4

1:29,153

0 0.2 0.4 0.8 mi

0 0.33 0.65 1.3 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Smalls Federal

9/8/2025

1:11,578

0 0.07 0.15 0.3 mi

0 0.13 0.25 0.5 km

Lesser Prairie Chicken Habitat

Isolated Population Area

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

2.4m Resolution Metadata

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Bureau of Land Management -

Sante Fe Main Office
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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

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 504762
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2519630705**
Incident Name	**NAPP2519630705 SMALLS FEDERAL 008H @ C-33-22S-34E**
Incident Type	**Release Other**
Incident Status	**Reclamation Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SMALLS FEDERAL 008H
Date Release Discovered	06/14/2025
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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	Cause: Corrosion | Flow Line - Production | Crude Oil | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion | Flow Line - Production | Produced Water | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

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	Action Number: 504762
	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)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 09/10/2025

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QUESTIONS (continued)

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	Action Number: 504762
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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)	158
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	214
GRO+DRO (EPA SW-846 Method 8015M)	214
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	08/11/2025
On what date will (or did) the final sampling or liner inspection occur	08/15/2025
On what date will (or was) the remediation complete(d)	09/02/2025
What is the estimated surface area (in square feet) that will be reclaimed	4200
What is the estimated volume (in cubic yards) that will be reclaimed	150
What is the estimated surface area (in square feet) that will be remediated	4200
What is the estimated volume (in cubic yards) that will be remediated	150
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 504762
	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	fDHR1917938780 SMALLS FEDERAL #001H TANK BATTERY
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 09/10/2025
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)

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	Action Number: 504762
	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: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 504762
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**495471**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**08/15/2025**
What was the (estimated) number of samples that were to be gathered	**36**
What was the sampling surface area in square feet	**4128**

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	4200
What was the total volume (cubic yards) remediated	150
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	4200
What was the total volume (in cubic yards) reclaimed	150
Summarize any additional remediation activities not included by answers (above)	NA

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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 09/10/2025

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QUESTIONS (continued)

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	Action Number: 504762
	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	4200
What was the total volume of replacement material (in cubic yards) for this site	150
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)	09/02/2025
Summarize any additional reclamation activities not included by answers (above)	NA
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 09/10/2025

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QUESTIONS (continued)

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	Action Number: 504762
	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: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 504762
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Restoration complete and approved.	9/15/2025