



SITE INFORMATION

Closure Report
PARDUE D 8808 JV-P #002 (03.04.2013)
Incident ID: nJMW1307033093
Eddy County, New Mexico
Unit D, S11, T23S, R28E
32.3246422°, -104.0643692°

Produced Water Release with Sheen of Oil
Point of Release: Water Tank Overflowed
Release Date: 03.04.2013
Volume Released: 30 Barrels of Produced Water
Volume Recovered: 25 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
BTA Oil Producers, LLC
104 S Pecos St.
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

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March 11, 2026

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

Re: **Closure Report**
PARDUE D 8808 JV-P #002 (03.04.2013)
Incident ID: nJMW1307033093
BTA Oil Producers, LLC
Site Location: Unit D, S11, T23S, R28E
32.3246422°, -104.0643692°
Eddy County, New Mexico

To whom it may concern:

On behalf of BTA Oil Producers, LLC (BTA), Carmona Resources LLC has prepared this letter to document the site assessment & confirmation sampling activities for the PARDUE D 8808 JV-P #002 release. The site is located at 32.3246422°, -104.0643692° within Unit D, S11, T23S, R28E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the information obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 4, 2013, due to the water tank at the tank battery overflowing. It resulted in approximately thirty (30) barrels of produced water being released, with twenty-five (25) barrels of produced water recovered. The release was contained within the gravel lined containment. The spill boundaries are shown in the historical aerial imagery in Figure 1A as well as in Figure 3. The Initial C-141 form is attached in Appendix C.

According to historical aerial imagery, the tank battery was moved from the east side of the well pad location to the northwest side of the well pad location sometime between 2023 & 2024. During that time, the tank battery containment and equipment were all removed from the original release area. Based on a thorough desktop review of imagery from 2024 through 2025, no further contamination appears to be present onsite. Refer to the Photolog for recent photo documentation of site conditions.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are at least three (3) known water sources within a 0.50-mile radius of the location. The nearest well is approximately 0.10 miles West of the site in S11, T22S, R28E, and was drilled in 1975. The well has a reported depth of groundwater 15 feet below the ground surface (ft bgs). A copy of the summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

Initial Assessment

On February 23, 2026, Carmona Resources personnel performed site assessment activities via a hand auger to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and four (4) horizontal samples (H-1 through H-4) were installed to depths ranging from surface to 2.0 ft bgs inside and surrounding where the tank battery containment was formerly situated. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

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

Horizontal Delineation

All horizontal samples were below regulatory thresholds for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Confirmation Sampling Activities

On February 23, 2026, Carmona Resources personnel performed composite confirmation surface sampling to prove that the surface material within the area of the former tank battery was non-waste containing and the reported release did not affect this area of the well pad. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on February 19, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the correspondence. Twenty-two (22) composite confirmation samples (CS-1 through CS-22) were collected within the historical tank battery containment area. 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.

All confirmation samples met regulatory requirements established in 19.15.29.12 NMAC. Refer to Figure 4 for the composite sample locations. See Table 2 for the analytical results.

6.0 Secondary Vertical Delineation Sampling

Following the submission of a closure report documenting the activities mentioned above on April 10, 2026, the NMOCD denied the report with the following comments:

“Referring to Google Earth satellite imagery from 4/16/2013, there is a stain behind the southern oil tank at 32.324526, -104.064116. As this release is greater than 13 years old, a borehole should be drilled at this location down to 10’ depth and discrete samples collected starting at surface, in 1’ increments, down to 10’. A second borehole should be drilled in the northern portion of the former tank battery down to 10’ depth and all samples should be submitted to a laboratory to be tested for all Table I constituents. If contamination is found above Table I < 50 feet to groundwater Closure Criteria it must be remediated pursuant to 19.15.29 NMAC. If these samples come back below Table I Closure Criteria, they may be used for closure.”

On April 22, 2026, Carmona Resources personnel returned to the site to install two (2) boreholes to vertically delineate the area to a depth of 10, per the NMOCD requests mentioned above. BH-1 was located at 32.324526°, -104.064116° and BH-2 was located at 32.324656°, -104.064169°. Before returning to the site to collect vertical delineation samples, the NMOCD division office was notified via NMOCD portal on April 21, 2026, per Subsection



D of 19.15.29.12 NMAC. See Appendix C for the correspondence. Each of the borehole samples had soil collected in 1' increments from the surface to 10' bgs. 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.

All borehole samples met regulatory requirements established in 19.15.29.12 NMAC. Refer to Figure 5 for the borehole locations. See Table 3 for the analytical results.

7.0 Conclusions

Based on the site assessment, composite sampling, secondary vertical delineation sampling, and analytical data, no further actions are required at the site. Remnants of the five (5) barrels of unrecovered fluids was not encountered during the site assessment. This serves as conclusive evidence that the produced fluids did not leach through the tank battery containment. The analytical data of the surface material within the sampling area also proves there are no exceedances that should raise concern . BTA formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,

Carmona Resources, LLC

Ashton Thielke
Director of Operations

Gilbert Priego
Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP (2016 IMAGERY)
BTA OIL PRODUCERS, LLC
PARDUE D 8808 JV-P #002 (03.04.2013)
EDDY COUNTY, NEW MEXICO
32.3246422°, -104.0643692°

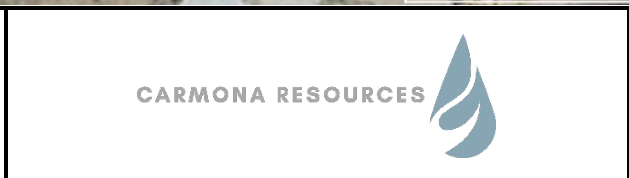


FIGURE 1A

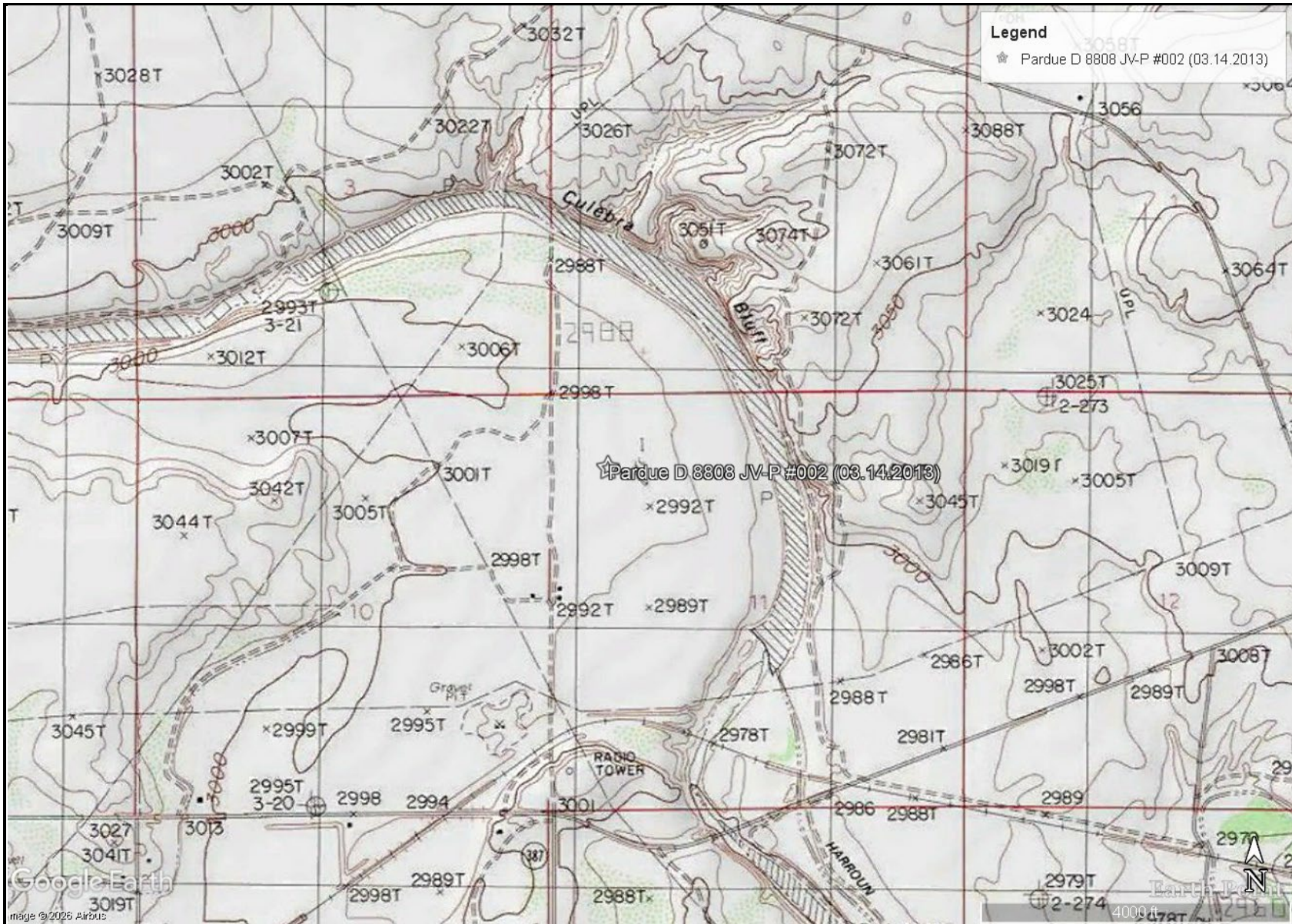


Google Earth

OVERVIEW MAP (2025 IMAGERY)
BTA OIL PRODUCERS, LLC
PARDUE D 8808 JV-P #002 (03.04.2013)
EDDY COUNTY, NEW MEXICO
32.3246422°, -104.0643692°



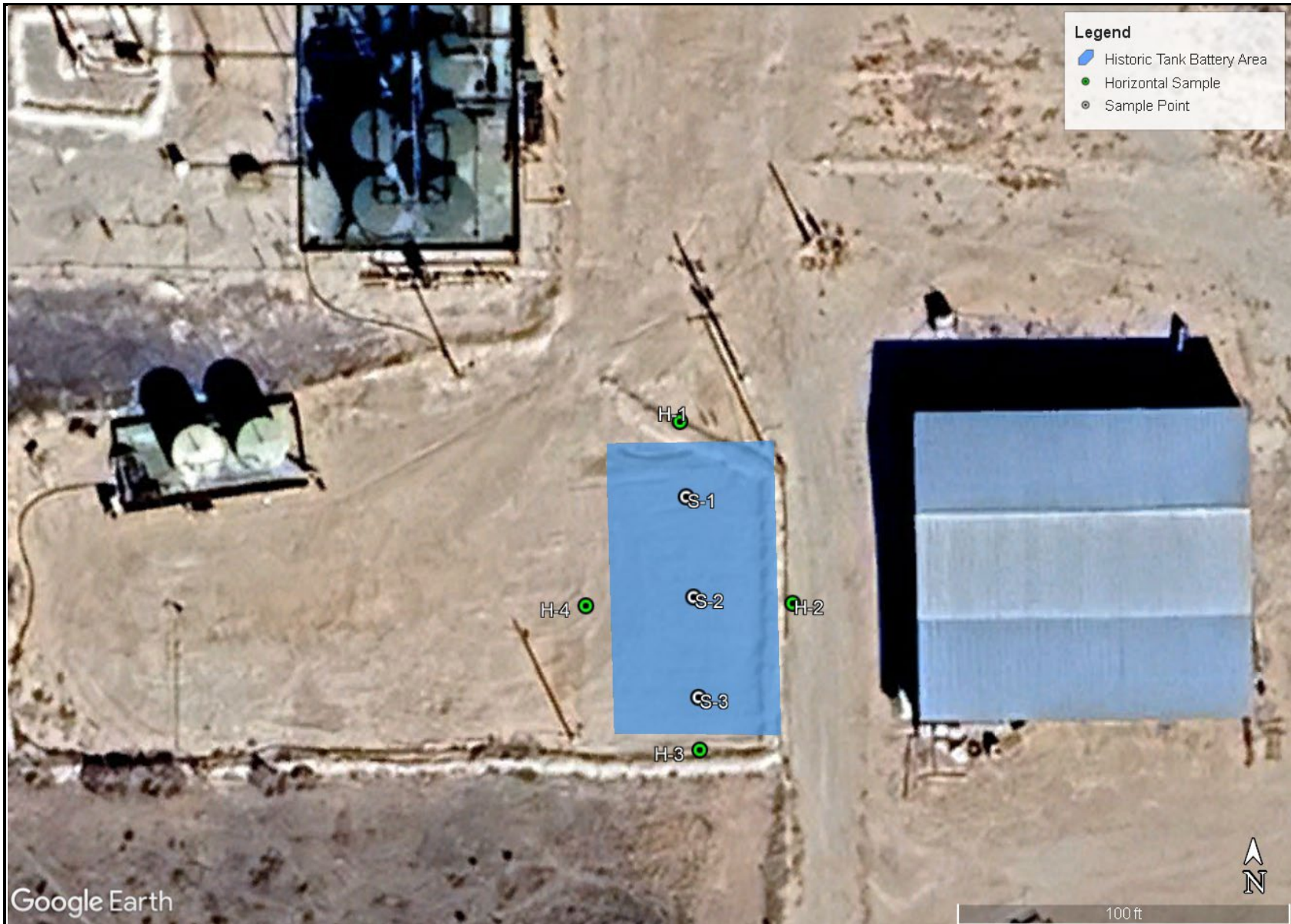
FIGURE 1B



TOPOGRAPHIC MAP
 BTA OIL PRODUCERS, LLC
 PARDUE D 8808 JV-P #002 (03.04.2013)
 EDDY COUNTY, NEW MEXICO
 32.3246422°, -104.0643692°



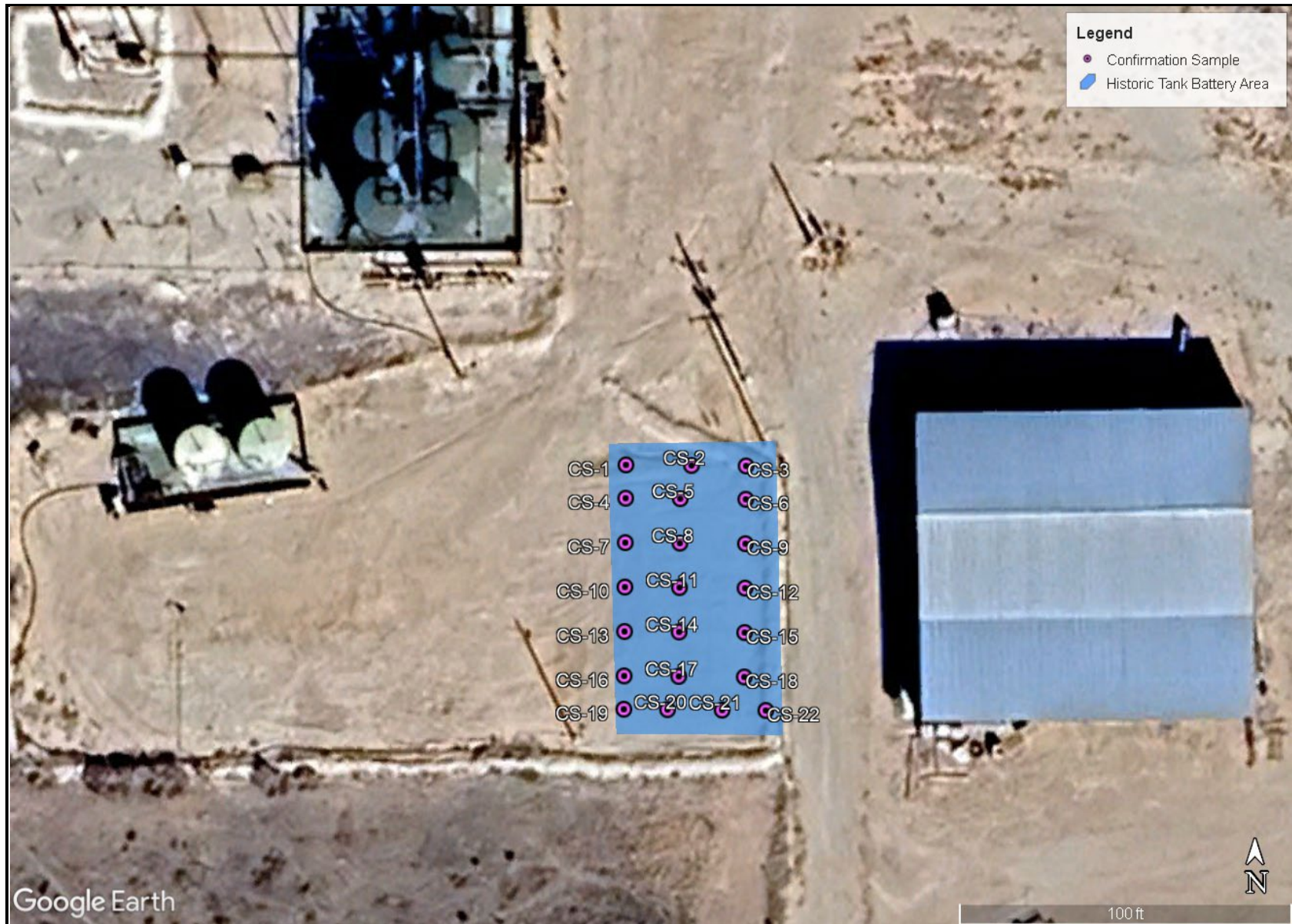
FIGURE 2



ASSESSMENT SAMPLE LOCATION MAP
BTA OIL PRODUCERS, LLC
PARDUE D 8808 JV-P #002 (03.04.2013)
EDDY COUNTY, NEW MEXICO
32.3246422°, -104.0643692°



FIGURE 3



CONFIRMATION SAMPLE LOCATION MAP
BTA OIL PRODUCERS, LLC
PARDUE D 8808 JV-P #002 (03.04.2013)
EDDY COUNTY, NEW MEXICO
32.3246422°, -104.0643692°

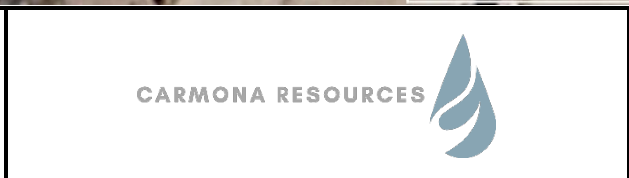


FIGURE 4



BOREHOLE SAMPLE LOCATION MAP
BTA OIL PRODUCERS, LLC
PARDUE D 8808 JV-P #002 (03.04.2013)
EDDY COUNTY, NEW MEXICO
32.3246422°, -104.0643692°



FIGURE 5

APPENDIX A

CARMONA RESOURCES



Table 1
BTA Oil Producers, LLC
Pardue D 8808 JV-P #002 (03.14.2013)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/23/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.92
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	32.4
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	11.0
S-2	2/23/2026	0-1.0'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.94
	"	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	28.5
	"	2.0'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	12.0
S-3	2/23/2026	0-1.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	27.5
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.1
H-1	2/23/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
H-2	2/23/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-3	2/23/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
H-4	2/23/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.90
Regulatory Criteria ^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg	

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

Table 2
BTA Oil Producers, LLC
Pardue D 8808 JV-P #002 (03.14.2013)
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	2/23/2026	0.25'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.6
CS-2	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-3	2/23/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.90
CS-4	2/23/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
CS-5	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.0
CS-6	2/23/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.8
CS-7	2/23/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.90
CS-8	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
CS-9	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
CS-10	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	12.7
CS-11	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.5
CS-12	2/23/2026	0.25'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-13	2/23/2026	0.25'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
CS-14	2/23/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.0
CS-15	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
CS-16	2/23/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.6
CS-17	2/23/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	10.7
CS-18	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
CS-19	2/23/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	17.9
CS-20	2/23/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.90
CS-21	2/23/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
CS-22	2/23/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg	

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample

Table 3
BTA Oil Producers, LLC
Pardue D 8808 JV-P #002 (03.14.2013)
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						
BH-1	4/22/2026	0-1.0'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	0.00631	0.00631	<9.96
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
	"	5.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
	"	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
	"	7.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.94
	"	8.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
	"	9.0'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
"	10.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.92	
BH-2	4/22/2026	0-1.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.92
	"	5.0'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.92
	"	7.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
	"	8.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.94
	"	9.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
"	10.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.98	
<i>Regulatory Criteria</i> ^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg	

^A – Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH - Total Petroleum Hydrocarbons
 ft - feet
 (BH) - Borehole Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

BTA Oil Producers, LLC

Photograph No. 1

Facility: Pardue D 8808 JV-P #002
(03.14.2013)

County: Eddy County, New Mexico

Description:
View South of the historic tank battery area. CS-1 through CS-22.



Photograph No. 2

Facility: Pardue D 8808 JV-P #002
(03.14.2013)

County: Eddy County, New Mexico

Description:
View Southwest of the historic tank battery area. CS-1 through CS-22.



Photograph No. 3

Facility: Pardue D 8808 JV-P #002
(03.14.2013)

County: Eddy County, New Mexico

Description:
View South of the historic tank battery area. CS-1 through CS-22.



PHOTOGRAPHIC LOG

BTA Oil Producers, LLC

Photograph No. 4

Facility: Pardue D 8808 JV-P #002
(03.14.2013)

County: Eddy County, New Mexico

Description:
View East of the historic tank battery area. CS-1 through CS-22.



Photograph No. 5

Facility: Pardue D 8808 JV-P #002
(03.14.2013)

County: Eddy County, New Mexico

Description:
View East of the historic tank battery area. CS-1 through CS-22.



Photograph No. 6

Facility: Pardue D 8808 JV-P #002
(03.14.2013)

County: Eddy County, New Mexico

Description:
View Northwest of the historic tank battery area. CS-1 through CS-22.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

nJMW 13070 33093

OPERATOR

Initial Report Final Report

Name of Company	BTA Oil Producers LLC <i>260297</i>	Contact	Pam Inskeep
Address	104 S. Pecos, Midland, TX 79701	Telephone No.	(432) 682-3753
Facility Name	Pardue -D-, 8808 JV-P	Facility Type	Well

Surface Owner	Antonio & Gloria Onsurez	Mineral Owner	Antonio & Gloria Onsurez	Lease No.	
---------------	--------------------------	---------------	--------------------------	-----------	--

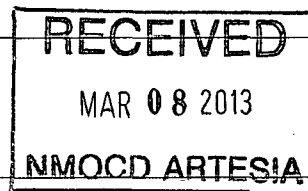
LOCATION OF RELEASE

API: 30-015-26406

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	11	23S	28E	990	North	660	West	Eddy

NATURE OF RELEASE

Type of Release	Minor, produced water, sheen of oil	Volume of Release est	30 bbls	Volume Recovered	25 bbls
Source of Release	water tank overflowed	Date and Hour of Occurrence	3/4/2013	Date and Hour of Discovery	08:30 a.m
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	NMOCD, Mike Bratcher (msg)		
By Whom?	Pam Inskeep, BTA	Date and Hour	3/4/2013, 1:00 p.m.		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	---		



If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

Transfer pump malfunctioned, allowed water tank to overflow. All fluid released was contained within the dike. Vacuum up all fluid possible and dispose of at R360 disposal facility. Repaired transfer pump. Will dig out contaminated soil, dispose of at R360, and replace with clean soil from a nearby source.

Describe Area Affected and Cleanup Action Taken.*

See above explanation

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<i>Pam Inskeep</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name:	Pam Inskeep	Approved by District Supervisor:	Signed By <i>Mike Bratcher</i>
Title:	Regulatory Administrator	Approval Date:	MAR 11 2013
Date:	03/04/2013	Phone:	(432) 682-3753
Conditions of Approval:		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

Remediation per OCD Rule & Guidelines. **SUBMIT REMEDIATION PROPOSAL NO LATER THAN:**

April 11, 2013

2RP-1579

copy

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
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Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	BTA Oil Producers LLC	Contact	Pam Inskeep
Address	104 S. Pecos, Midland, TX 79701	Telephone No.	(432) 682-3753
Facility Name	Pardue -D-, 8808 JV-P	Facility Type	Well

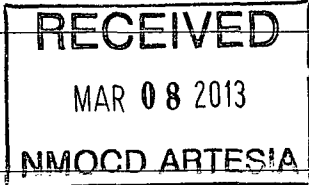
Surface Owner	Antonio & Gloria Onsurez	Mineral Owner	Antonio & Gloria Onsurez	Lease No.	
---------------	--------------------------	---------------	--------------------------	-----------	--

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	11	23S	28E	990	North	660	West	Eddy

NATURE OF RELEASE

Type of Release	Minor, produced water, sheen of oil	Volume of Release est	30 bbls	Volume Recovered	25 bbls
Source of Release	water tank overflowed	Date and Hour of Occurrence	3/4/2013	Date and Hour of Discovery	08:30 a.m
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD, Mike Bratcher (msg)			
By Whom?	Pam Inskeep, BTA	Date and Hour	3/4/2013, 1:00 p.m.		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. ---			



If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Transfer pump malfunctioned, allowed water tank to overflow. All fluid released was contained within the dike. Vacuum up all fluid possible and dispose of at R360 disposal facility. Repaired transfer pump. Will dig out contaminated soil, dispose of at R360, and replace with clean soil from a nearby source.

Describe Area Affected and Cleanup Action Taken.*
See above explanation

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<i>Pam Inskeep</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name:	Pam Inskeep	Approved by District Supervisor:	
Title:	Regulatory Administrator	Approval Date:	Expiration Date:
Date:	03/04/2013	Phone:	(432) 682-3753
Conditions of Approval:			Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

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 556121

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 556121
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJMW1307033093
Incident Name	NJMW1307033093 PARDUE D 8808 JV-P #002 @ 30-015-26406
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-26406] PARDUE D 8808 JV-P #002

Location of Release Source	
Site Name	PARDUE D 8808 JV-P #002
Date Release Discovered	03/04/2013
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	4,200
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/23/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.3246422,-104.0643692) Carmona Resources will be onsite to collect the composite confirmation surface samples and horizontal delineation samples as the remediated area is less than 1.0' in depth and no composite sidewalls can be collected.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 556121

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 556121
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	2/19/2026
ntinker	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.	2/19/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

BTA OIL PRODUCERS, LLC

Legend

- 0.10 Miles
- 0.14 Miles
- 0.34 Miles
- 0.50 Mile Radius
- NMSEO Water Well
- PARDUE D 8808 JV-P #002 (03.04.2013)
- USGS Water Well



15' - Drilled 1975

PARDUE D 8808 JV-P #002 (03.04.2013)

16' - Drilled 1971


15.70' - Drilled 1947

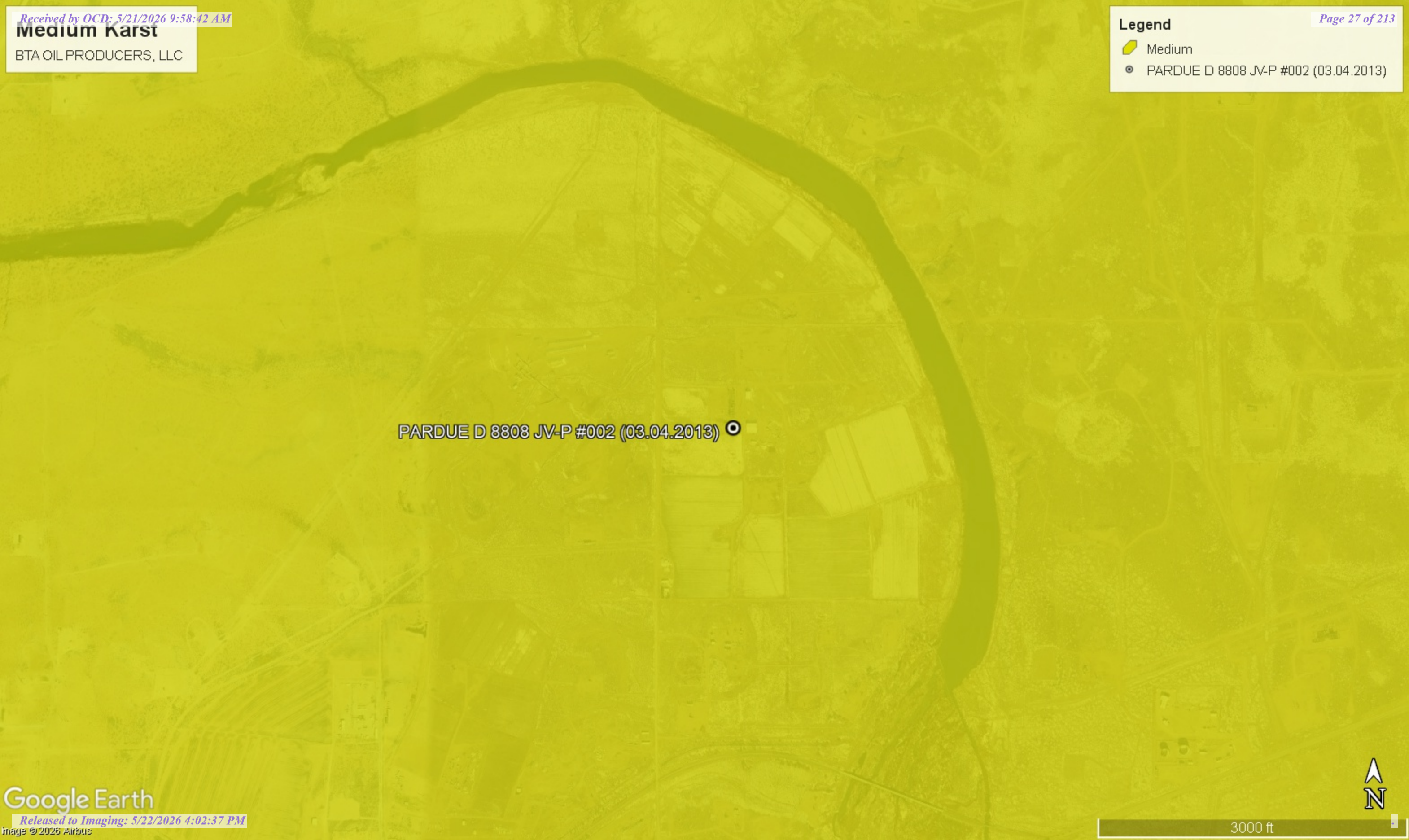



Medium Karst

BTA OIL PRODUCERS, LLC

Legend

-  Medium
-  PARDUE D 8808 JV-P #002 (03.04.2013)



PARDUE D 8808 JV-P #002 (03.04.2013) 





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
C 00512 CLW198323	O	CUB	ED	SE	NW	NW	11	23S	28E	588167.0	3576806.0 *	●	102	100		
C 00512 S		CUB	ED	SE	NW	NW	11	23S	28E	588167.0	3576806.0 *	●	102	100		
C 00512		CUB	ED	SE	NW	NW	11	23S	28E	588188.1	3576775.2	●	127	175	15	160
C 00512 EXPL	O	CUB	ED			NW	11	23S	28E	588272.0	3576703.0 *	●	231	200	16	184
C 00608		C	ED	SW	SW	NW	11	23S	28E	587970.0	3576401.0 *	●	415	200		
C 04216 POD2		CUB	ED	NW	SE	NW	11	23S	28E	588464.6	3576555.9	●	471	20	10	10
C 00109		CUB	ED	NW	SW	SW	04	23S	27E	588485.8	3576531.4	●	502	168	120	48
C 04216 POD3		CUB	ED	NW	SE	NW	11	23S	28E	588501.2	3576556.2	●	502	23	13	10
C 04216 POD1		CUB	ED	NE	SE	NW	11	23S	28E	588488.3	3576534.5	●	503	20	10	10
C 04216 POD4		CUB	ED	NE	SE	NW	11	23S	28E	588499.0	3576513.1	●	523	20	10	10
C 00315		CUB	ED	SW	NW	SW	11	23S	28E	587973.0	3575995.0 *	●	815	100	45	55
C 03469 POD1		CUB	ED	SW	SE	SW	11	23S	28E	588373.9	3575538.8	●	1303	68	38	30
C 04451 POD1		C	ED	SE	SE	SE	10	23S	28E	587833.0	3575521.8	●	1304	120	57	63
C 04831 POD1		CUB	ED	SW	NE	SE	11	23S	28E	589159.0	3576095.1	●	1304	46	33	13
C 03469 POD3		CUB	ED	SW	SE	SW	11	23S	28E	588381.0	3575538.9	●	1305	47		
C 03469 POD2		CUB	ED	SW	SE	SW	11	23S	28E	588382.0	3575506.9	●	1336	48		
C 00235		C	ED		NE	NE	15	23S	28E	587676.0	3575280.0 *	●	1573	160		
C 00616		CUB	ED	NW	SW	NW	14	23S	28E	587982.0	3574978.0 *	●	1829	120	30	90
C 03460 POD1		CUB	ED	SW	NW	NE	14	23S	28E	588857.4	3575004.2	●	1967	100	38	62
C 00321		C	ED		SE	NE	15	23S	28E	587679.0	3574874.0 *	●	1969	120		
C 02503		C	ED		SE	NE	15	23S	28E	587679.0	3574874.0 *	●	1969	70	12	58

Average Depth to Water: **31 feet**

Minimum Depth: **10 feet**

Maximum Depth: **120 feet**

Record Count: 21

UTM Filters (in meters):

Easting: 588064.21

Northing: 3576805.26

Radius: 2000

* UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64 Q16 Q4	Sec	Tw	Rng	X	Y
C	00512	4 1 1	11	23S	28E	588188	3576775

Driller License: 24	Driller Company: BRININSTOOL, M.D.	
Driller Name: BRININSTOOL, M.D.		
Drill Start Date: 05/04/1975	Drill Finish Date: 05/20/1975	Plug Date:
Log File Date: 05/11/1976	PCW Rev Date: 10/22/1976	Source: Shallow
Pump Type: TURBIN	Pipe Discharge Size: 4"	Estimated Yield: 300 GPM
Casing Size: 16.00	Depth Well: 175 feet	Depth Water: 15 feet

Water Bearing Stratifications:	Top	Bottom	Description
	15	28	Shallow Alluvium/Basin Fill

Casing Perforations:	Top	Bottom
	15	90

Meter Number: 5520	Meter Make: MCCROMETER
Meter Serial Number: 02-4-1040	Meter Multiplier: 100.0000
Number of Dials: 6	Meter Type: Diversion
Unit of Measure: Gallons	Return Flow Percent:
Usage Multiplier:	Reading Frequency:

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
03/27/2002	2002	0	A	tw		0
05/07/2002	2002	391	A	tw		0.120
06/12/2002	2002	1914	A	tw		0.467
09/03/2002	2002	3920	A	tw		0.616
01/13/2003	2002	4253	A	tw		0.102
04/02/2003	2003	4451	A	tw		0.061
06/04/2003	2003	4729	A	tw		0.085
08/02/2003	2003	4932	A	tw		0.062
10/27/2003	2003	4932	A	tw		0
01/07/2004	2003	4932	A	tw		0
04/27/2004	2004	4932	A	tw		0
07/15/2004	2004	5085	A	tw		0.047
10/20/2004	2004	649	R	tw	Meter Rollover	305.527
01/03/2005	2004	649	A	tw		0
03/01/2005	2005	649	A	tw		0
07/06/2005	2005	675	A	tw		0.008
10/19/2005	2005	675	A	tw		0
01/05/2006	2005	675	A	tw		0
04/06/2006	2006	676	A	tw		0
07/06/2006	2006	676	A	tw		0

01/09/2007	2007	676	A	tw	0
01/03/2008	2007	55046	A	tw	16.686
04/24/2008	2008	85512	A	tw	9.350
07/17/2008	2008	98411	A	tw	3.959
10/02/2008	2008	103913	A	tw	1.689
01/15/2009	2008	104404	A	tw	0.151
04/22/2009	2009	123664	A	tw	5.911
08/04/2009	2009	142056	A	tw	5.644
01/06/2010	2009	160768	A	tw	5.743
06/02/2010	2010	160899	A	tw	0.040
01/12/2011	2010	160899	A	tw	0
01/23/2012	2011	170841	A	tw	3.051
03/12/2012	2012	170841	A	tw	0
07/24/2012	2012	171317	A	tw	0.146
02/13/2013	2012	171504	A	tw	0.057
11/05/2013	2013	172273	A	tw	0.236
07/22/2014	2014	172369	A	tw	0.029
02/24/2016	2015	172706	A	tw	0.103
08/11/2016	2016	178853	A	tw	1.886
12/27/2016	2016	172959	C	tw	Meter Reading Correction -1.809
07/18/2017	2017	173150	A	tw	0.059
01/08/2018	2017	173271	A	tw	0.037

**YTD Meter Amounts:	Year	Amount
	2002	1.305
	2003	0.208
	2004	305.574
	2005	0.008
	2006	0
	2007	16.686
	2008	15.149
	2009	17.298
	2010	0.040
	2011	3.051
	2012	0.203
	2013	0.236
	2014	0.029
	2015	0.103
	2016	0.077
	2017	0.096

Meter Number:	15518	Meter Make:	MASTER
Meter Serial Number:	2680127	Meter Multiplier:	100.0000
Number of Dials:	6	Meter Type:	Diversion
Unit of Measure:	Gallons	Return Flow Percent:	
Usage Multiplier:		Reading Frequency:	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
02/02/2012	2012	17	A	RPT		0

04/03/2012 2012 2594 A RPT 0.791

**YTD Meter Amounts:			Year	Amount
			2012	0.791

x

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

7/22/24 1:04 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	00512 EXPL			1	11	23S	28E	588272	3576703*

x

Driller License:	24	Driller Company:	BRININSTOOL, M.D.		
Driller Name:	BRININSTOOL, M.D.				
Drill Start Date:	07/12/1971	Drill Finish Date:	07/17/1971	Plug Date:	
Log File Date:	10/15/1971	PCW Rev Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	200 feet	Depth Water:	16 feet

x

Water Bearing Stratifications:	Top	Bottom	Description
	16	35	Shallow Alluvium/Basin Fill

x

*UTM location was derived from PLSS - see Help

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7/22/24 1:02 PM

POINT OF DIVERSION SUMMARY

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Meth meas
						Groundwater	New Mexico	GO

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

i Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the [modernized pages in WDFN](#) that suit you best. Learn more about our [modernization plans and timeline](#) and [new pages](#).

Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 321911104035001

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321911104035001 23S.28E.11.311111

Eddy County, New Mexico
 Latitude 32°19'11", Longitude 104°03'50" NAD27
 Land-surface elevation 2,990 feet above NAVD88
 The depth of the well is 95 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1947-02-07			D	62610	2972.73	NGVD29	1	Z			A
1947-02-07			D	62611	2974.30	NAVD88	1	Z			A
1947-02-07			D	72019	15.70		1	Z			A

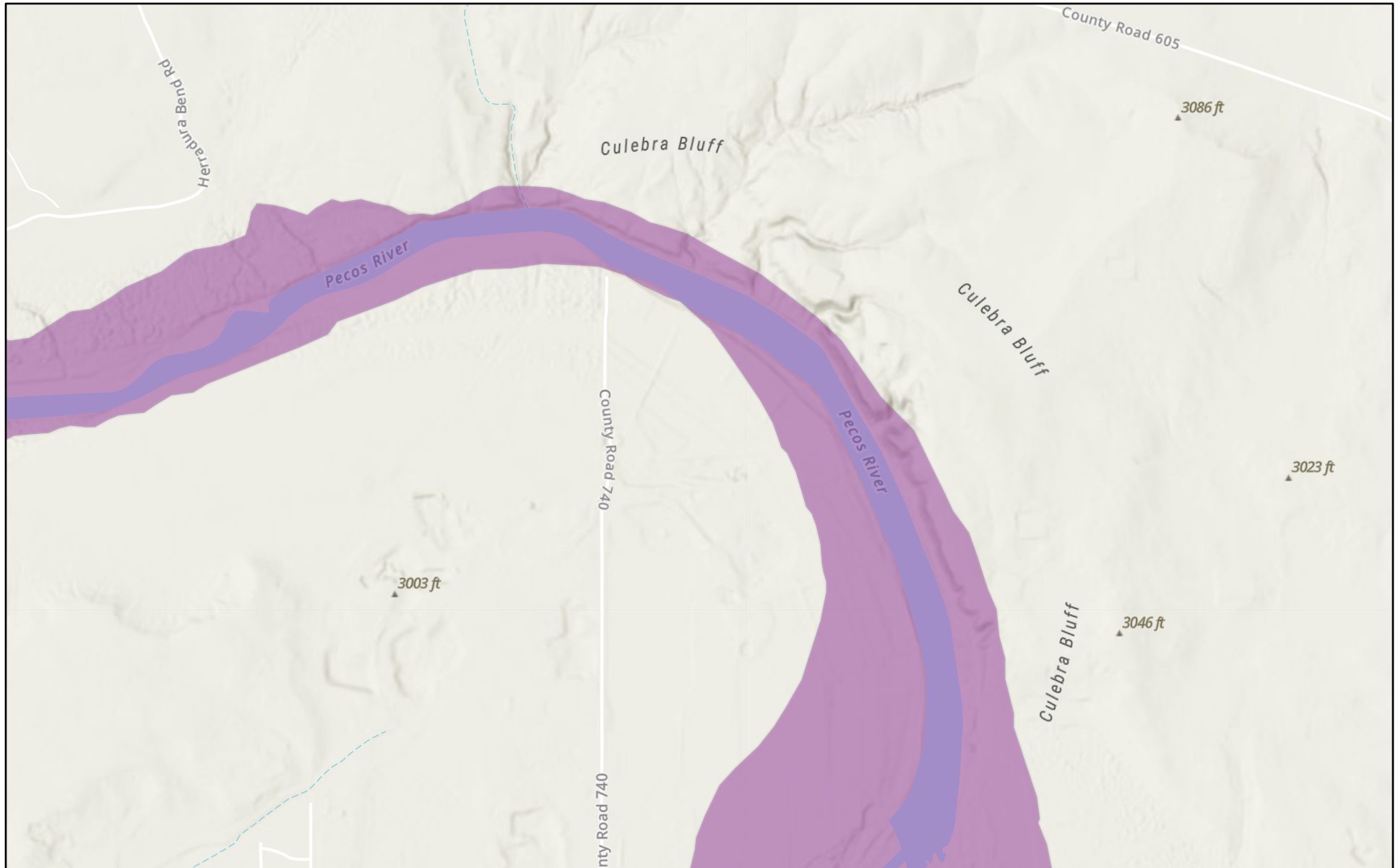
Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

- [Questions or Comments](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Methc meas
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PARDUE D 8808 JV-P #002 (03.04.2013)

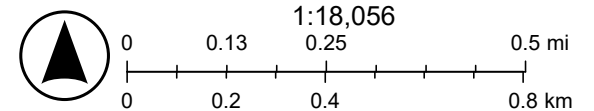


2/18/2026

USA Flood Hazard Areas

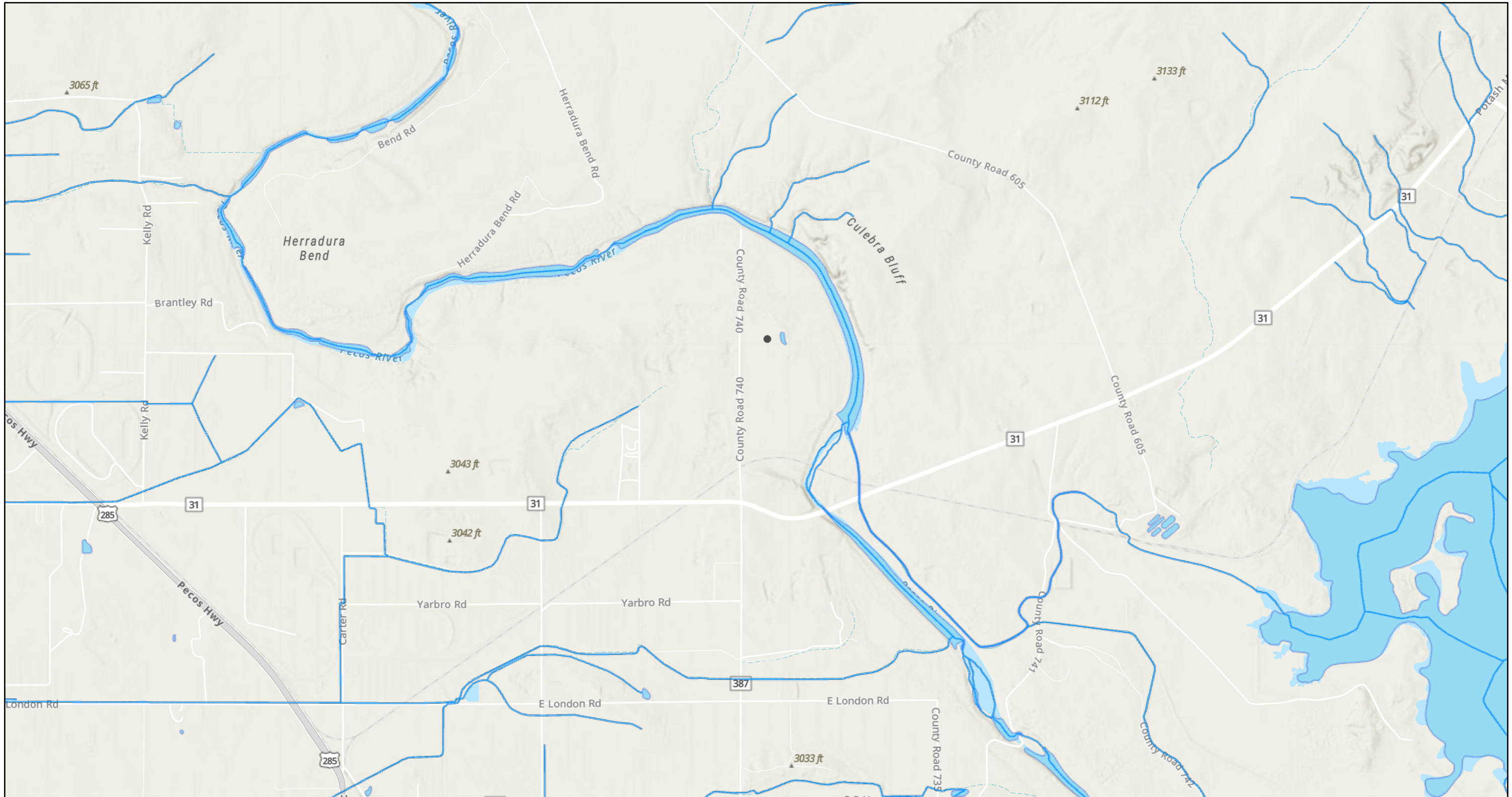
 1% Annual Chance Flood Hazard

World_Hillshade



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

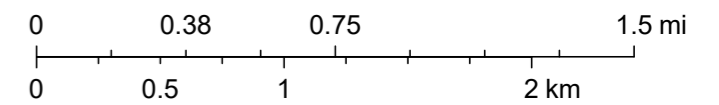
PARDUE D 8808 JV-P #002 (03.04.2013)



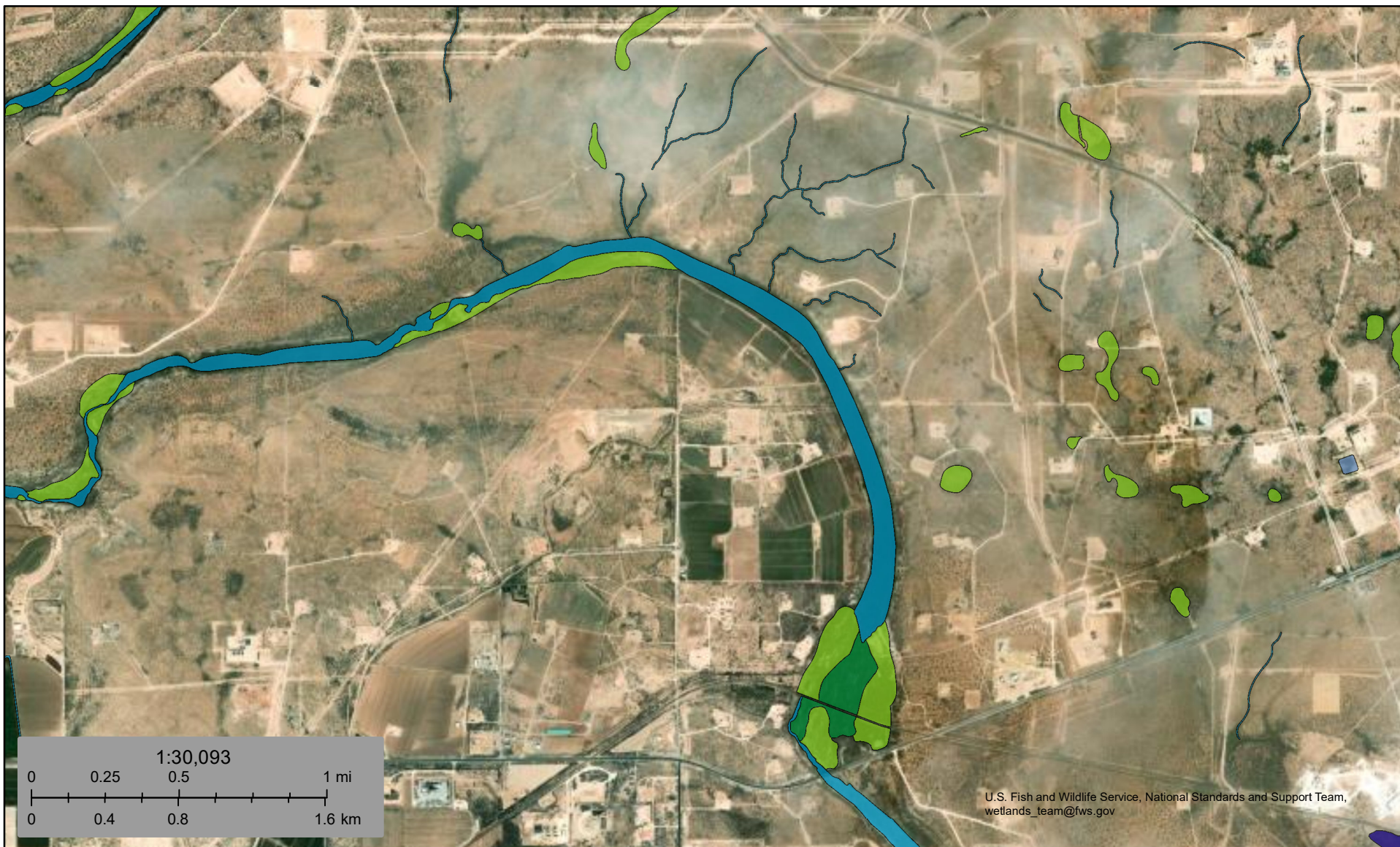
2/18/2026, 2:04:51 PM

1:36,112

- OSW Water Bodies
- OSE Streams




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



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

February 18, 2026

Wetlands

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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701
 Generated 3/2/2026 1:12:50 PM

JOB DESCRIPTION

Pardue D 8808 JV-P #002
 Eddy County, New Mexico

JOB NUMBER

880-68705-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
3/2/2026 1:12:50 PM

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

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Laboratory Job ID: 880-68705-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
SDG: Eddy 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
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Pardue D 8808 JV-P #002

Job ID: 880-68705-1

Job ID: 880-68705-1

Eurofins Midland

Job Narrative 880-68705-1

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

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

Receipt

The samples were received on 2/23/2026 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1(0.25') (880-68705-1), CS-2(0.25') (880-68705-2), CS-3(0.25') (880-68705-3), CS-4(0.25') (880-68705-4), CS-5(0.25') (880-68705-5), CS-6(0.25') (880-68705-6), CS-7(0.25') (880-68705-7), CS-8(0.25') (880-68705-8), CS-9(0.25') (880-68705-9), CS-10(0.25') (880-68705-10), CS-11(0.25') (880-68705-11), CS-12(0.25') (880-68705-12), CS-13(0.25') (880-68705-13), CS-14(0.25') (880-68705-14), CS-15(0.25') (880-68705-15), CS-16(0.25') (880-68705-16), CS-17(0.25') (880-68705-17), CS-18(0.25') (880-68705-18), CS-19(0.25') (880-68705-19), CS-20(0.25') (880-68705-20), CS-21(0.25') (880-68705-21) and CS-22(0.25') (880-68705-22).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-133280 and analytical batch 880-133390 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

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.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-1(0.25')

Lab Sample ID: 880-68705-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:28	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/01/26 16:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/01/26 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/27/26 13:01	03/01/26 16:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/27/26 13:01	03/01/26 16:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/01/26 13:12	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	<49.7	U	49.7		mg/Kg		02/24/26 08:17	03/01/26 13:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/24/26 08:17	03/01/26 13:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/24/26 08:17	03/01/26 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	02/24/26 08:17	03/01/26 13:12	1
o-Terphenyl (Surr)	105		70 - 130	02/24/26 08:17	03/01/26 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		10.1		mg/Kg			02/26/26 22:11	1

Client Sample ID: CS-2(0.25')

Lab Sample ID: 880-68705-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 16:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 16:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 16:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 16:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 16:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/27/26 13:01	03/01/26 16:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/27/26 13:01	03/01/26 16:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-2(0.25')

Lab Sample ID: 880-68705-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/26 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 13:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 13:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				02/24/26 08:17	03/01/26 13:27	1
o-Terphenyl (Surr)	108		70 - 130				02/24/26 08:17	03/01/26 13:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/26/26 22:17	1

Client Sample ID: CS-3(0.25')

Lab Sample ID: 880-68705-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 17:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 17:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 17:09	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/27/26 13:01	03/01/26 17:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 17:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/27/26 13:01	03/01/26 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				02/27/26 13:01	03/01/26 17:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/27/26 13:01	03/01/26 17:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/01/26 13:42	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	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 13:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 13:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-3(0.25')

Lab Sample ID: 880-68705-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				02/24/26 08:17	03/01/26 13:42	1
o-Terphenyl (Surr)	107		70 - 130				02/24/26 08:17	03/01/26 13:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/26/26 22:22	1

Client Sample ID: CS-4(0.25')

Lab Sample ID: 880-68705-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 17:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 17:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 17:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 17:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 17:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/27/26 13:01	03/01/26 17:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/27/26 13:01	03/01/26 17:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/01/26 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 08:17	03/01/26 13:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 08:17	03/01/26 13:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 08:17	03/01/26 13:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				02/24/26 08:17	03/01/26 13:58	1
o-Terphenyl (Surr)	101		70 - 130				02/24/26 08:17	03/01/26 13:58	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			02/26/26 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-5(0.25')

Lab Sample ID: 880-68705-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 17:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 17:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 17:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/27/26 13:01	03/01/26 17:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 17:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/27/26 13:01	03/01/26 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/27/26 13:01	03/01/26 17:50	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/27/26 13:01	03/01/26 17:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/26 14:12	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		02/24/26 08:17	03/01/26 14:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 14:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	02/24/26 08:17	03/01/26 14:12	1
o-Terphenyl (Surr)	101		70 - 130	02/24/26 08:17	03/01/26 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 22:33	1

Client Sample ID: CS-6(0.25')

Lab Sample ID: 880-68705-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 18:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 18:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 18:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/01/26 18:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 18:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/01/26 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/27/26 13:01	03/01/26 18:10	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/27/26 13:01	03/01/26 18:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-6(0.25')

Lab Sample ID: 880-68705-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/01/26 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 14:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 14:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				02/24/26 08:17	03/01/26 14:27	1
o-Terphenyl (Surr)	100		70 - 130				02/24/26 08:17	03/01/26 14:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		10.0		mg/Kg			02/26/26 00:56	1

Client Sample ID: CS-7(0.25')

Lab Sample ID: 880-68705-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 18:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 18:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 18:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 18:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 18:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/27/26 13:01	03/01/26 18:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/27/26 13:01	03/01/26 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/01/26 14:42	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	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 14:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 14:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-7(0.25')

Lab Sample ID: 880-68705-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 08:17	03/01/26 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				02/24/26 08:17	03/01/26 14:42	1
o-Terphenyl (Surr)	102		70 - 130				02/24/26 08:17	03/01/26 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/26/26 01:16	1

Client Sample ID: CS-8(0.25')

Lab Sample ID: 880-68705-8

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 18:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 18:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 18:51	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/27/26 13:01	03/01/26 18:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 18:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/27/26 13:01	03/01/26 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/27/26 13:01	03/01/26 18:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/27/26 13:01	03/01/26 18:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/26 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 14:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 14:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/24/26 08:17	03/01/26 14:57	1
o-Terphenyl (Surr)	109		70 - 130				02/24/26 08:17	03/01/26 14:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 01:23	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-9(0.25')

Lab Sample ID: 880-68705-9

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 19:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 19:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 19:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 19:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 19:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/27/26 13:01	03/01/26 19:12	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/27/26 13:01	03/01/26 19:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/26 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		02/24/26 08:17	03/01/26 15:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 15:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 08:17	03/01/26 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	02/24/26 08:17	03/01/26 15:12	1
o-Terphenyl (Surr)	108		70 - 130	02/24/26 08:17	03/01/26 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			02/26/26 01:29	1

Client Sample ID: CS-10(0.25')

Lab Sample ID: 880-68705-10

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 19:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 19:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 19:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/27/26 13:01	03/01/26 19:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 19:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/27/26 13:01	03/01/26 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/27/26 13:01	03/01/26 19:32	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/27/26 13:01	03/01/26 19:32	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-10(0.25')

Lab Sample ID: 880-68705-10

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 00:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 00:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				02/24/26 13:51	03/02/26 00:46	1
o-Terphenyl (Surr)	100		70 - 130				02/24/26 13:51	03/02/26 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		10.1		mg/Kg			02/26/26 01:36	1

Client Sample ID: CS-11(0.25')

Lab Sample ID: 880-68705-11

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 21:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 21:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 21:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/01/26 21:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 21:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/01/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/27/26 13:01	03/01/26 21:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/27/26 13:01	03/01/26 21:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 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			03/02/26 01:31	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	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 01:31	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-11(0.25')

Lab Sample ID: 880-68705-11

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				02/24/26 13:51	03/02/26 01:31	1
o-Terphenyl (Surr)	101		70 - 130				02/24/26 13:51	03/02/26 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		9.90		mg/Kg			02/26/26 01:56	1

Client Sample ID: CS-12(0.25')

Lab Sample ID: 880-68705-12

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 21:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 21:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 21:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 21:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 21:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/27/26 13:01	03/01/26 21:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/27/26 13:01	03/01/26 21:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/02/26 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		02/24/26 13:51	03/02/26 01:46	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/24/26 13:51	03/02/26 01:46	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/24/26 13:51	03/02/26 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				02/24/26 13:51	03/02/26 01:46	1
o-Terphenyl (Surr)	97		70 - 130				02/24/26 13:51	03/02/26 01:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/26/26 02:03	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-13(0.25')

Lab Sample ID: 880-68705-13

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 21:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 21:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 21:47	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/27/26 13:01	03/01/26 21:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 13:01	03/01/26 21:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/27/26 13:01	03/01/26 21:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/27/26 13:01	03/01/26 21:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/27/26 13:01	03/01/26 21:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/02/26 02:01	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	<50.4	U	50.4		mg/Kg		02/24/26 13:51	03/02/26 02:01	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/24/26 13:51	03/02/26 02:01	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/24/26 13:51	03/02/26 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	02/24/26 13:51	03/02/26 02:01	1
o-Terphenyl (Surr)	106		70 - 130	02/24/26 13:51	03/02/26 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/26/26 02:09	1

Client Sample ID: CS-14(0.25')

Lab Sample ID: 880-68705-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 22:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 22:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 22:08	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/27/26 13:01	03/01/26 22:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 22:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/26 13:01	03/01/26 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/27/26 13:01	03/01/26 22:08	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/27/26 13:01	03/01/26 22:08	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-14(0.25')

Lab Sample ID: 880-68705-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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			03/01/26 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 02:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 02:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				02/24/26 13:51	03/02/26 02:16	1
o-Terphenyl (Surr)	102		70 - 130				02/24/26 13:51	03/02/26 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Client Sample ID: CS-15(0.25')

Lab Sample ID: 880-68705-15

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 22:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 22:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 22:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 22:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 22:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				02/27/26 13:01	03/01/26 22:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/27/26 13:01	03/01/26 22:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 02:31	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	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 02:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 02:31	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-15(0.25')

Lab Sample ID: 880-68705-15

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/24/26 13:51	03/02/26 02:31	1
o-Terphenyl (Surr)	103		70 - 130				02/24/26 13:51	03/02/26 02:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/26/26 02:23	1

Client Sample ID: CS-16(0.25')

Lab Sample ID: 880-68705-16

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 22:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 22:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 22:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 22:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 13:01	03/01/26 22:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/27/26 13:01	03/01/26 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/27/26 13:01	03/01/26 22:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/27/26 13:01	03/01/26 22:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/02/26 02:45	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		02/24/26 13:51	03/02/26 02:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 02:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				02/24/26 13:51	03/02/26 02:45	1
o-Terphenyl (Surr)	106		70 - 130				02/24/26 13:51	03/02/26 02:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		10.0		mg/Kg			02/26/26 02:30	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-17(0.25')

Lab Sample ID: 880-68705-17

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 23:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 23:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 23:09	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		02/27/26 13:01	03/01/26 23:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 23:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/27/26 13:01	03/01/26 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/27/26 13:01	03/01/26 23:09	1
1,4-Difluorobenzene (Surr)	72		70 - 130	02/27/26 13:01	03/01/26 23:09	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			03/01/26 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 03:01	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	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 03:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 03:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/24/26 13:51	03/02/26 03:01	1
o-Terphenyl (Surr)	104		70 - 130	02/24/26 13:51	03/02/26 03:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		10.1		mg/Kg			02/26/26 02:50	1

Client Sample ID: CS-18(0.25')

Lab Sample ID: 880-68705-18

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 23:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 23:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 23:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 23:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 13:01	03/01/26 23:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/27/26 13:01	03/01/26 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/27/26 13:01	03/01/26 23:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/27/26 13:01	03/01/26 23:29	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-18(0.25')

Lab Sample ID: 880-68705-18

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 03:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 03:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 03:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/24/26 13:51	03/02/26 03:15	1
o-Terphenyl (Surr)	104		70 - 130				02/24/26 13:51	03/02/26 03:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

Client Sample ID: CS-19(0.25')

Lab Sample ID: 880-68705-19

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 23:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 23:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 23:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/27/26 13:01	03/01/26 23:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/26 13:01	03/01/26 23:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/27/26 13:01	03/01/26 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/27/26 13:01	03/01/26 23:50	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/27/26 13:01	03/01/26 23:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/02/26 03:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 03:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 03:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-19(0.25')

Lab Sample ID: 880-68705-19

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 03:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				02/24/26 13:51	03/02/26 03:30	1
o-Terphenyl (Surr)	102		70 - 130				02/24/26 13:51	03/02/26 03:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9		10.0		mg/Kg			02/26/26 03:16	1

Client Sample ID: CS-20(0.25')

Lab Sample ID: 880-68705-20

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/02/26 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/02/26 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/02/26 00:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/02/26 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/02/26 00:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/27/26 13:01	03/02/26 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/27/26 13:01	03/02/26 00:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/27/26 13:01	03/02/26 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/02/26 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 03:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 03:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/24/26 13:51	03/02/26 03:59	1
o-Terphenyl (Surr)	102		70 - 130				02/24/26 13:51	03/02/26 03:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/26/26 03:23	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-21(0.25')

Lab Sample ID: 880-68705-21

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:29	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/01/26 13:26	03/01/26 16:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/01/26 13:26	03/01/26 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	03/01/26 13:26	03/01/26 16:29	1
1,4-Difluorobenzene (Surr)	114		70 - 130	03/01/26 13:26	03/01/26 16:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 04:14	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		02/24/26 13:51	03/02/26 04:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 04:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 04:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	02/24/26 13:51	03/02/26 04:14	1
o-Terphenyl (Surr)	104		70 - 130	02/24/26 13:51	03/02/26 04:14	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			02/26/26 03:30	1

Client Sample ID: CS-22(0.25')

Lab Sample ID: 880-68705-22

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 16:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 16:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 16:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/01/26 13:26	03/01/26 16:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 16:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/01/26 13:26	03/01/26 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/01/26 13:26	03/01/26 16:50	1
1,4-Difluorobenzene (Surr)	112		70 - 130	03/01/26 13:26	03/01/26 16:50	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-22(0.25')

Lab Sample ID: 880-68705-22

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 04:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 04:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 04:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 13:51	03/02/26 04:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				02/24/26 13:51	03/02/26 04:29	1
o-Terphenyl (Surr)	106		70 - 130				02/24/26 13:51	03/02/26 04:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 03:36	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68705-1	CS-1(0.25')	114	102
880-68705-1 MS	CS-1(0.25')	96	87
880-68705-1 MSD	CS-1(0.25')	110	101
880-68705-2	CS-2(0.25')	106	100
880-68705-3	CS-3(0.25')	114	101
880-68705-4	CS-4(0.25')	87	98
880-68705-5	CS-5(0.25')	97	83
880-68705-6	CS-6(0.25')	118	99
880-68705-7	CS-7(0.25')	116	101
880-68705-8	CS-8(0.25')	108	99
880-68705-9	CS-9(0.25')	111	98
880-68705-10	CS-10(0.25')	110	101
880-68705-11	CS-11(0.25')	110	98
880-68705-12	CS-12(0.25')	106	100
880-68705-13	CS-13(0.25')	113	96
880-68705-14	CS-14(0.25')	111	103
880-68705-15	CS-15(0.25')	124	97
880-68705-16	CS-16(0.25')	112	102
880-68705-17	CS-17(0.25')	99	72
880-68705-18	CS-18(0.25')	109	98
880-68705-19	CS-19(0.25')	118	98
880-68705-20	CS-20(0.25')	104	98
880-68705-21	CS-21(0.25')	118	114
880-68705-21 MS	CS-21(0.25')	111	118
880-68705-21 MSD	CS-21(0.25')	111	114
880-68705-22	CS-22(0.25')	109	112
LCS 880-133280/1-A	Lab Control Sample	108	94
LCS 880-133391/1-A	Lab Control Sample	106	114
LCS 880-133280/2-A	Lab Control Sample Dup	108	100
LCS 880-133391/2-A	Lab Control Sample Dup	100	113
MB 880-133280/5-A	Method Blank	107	87
MB 880-133391/5-A	Method Blank	100	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68689-A-35-B MS	Matrix Spike	104	110
880-68689-A-35-C MSD	Matrix Spike Duplicate	105	111
880-68705-1	CS-1(0.25')	106	105
880-68705-2	CS-2(0.25')	106	108
880-68705-3	CS-3(0.25')	103	107
880-68705-4	CS-4(0.25')	98	101
880-68705-5	CS-5(0.25')	98	101

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68705-6	CS-6(0.25')	98	100
880-68705-7	CS-7(0.25')	100	102
880-68705-8	CS-8(0.25')	108	109
880-68705-9	CS-9(0.25')	108	108
880-68705-10	CS-10(0.25')	99	100
880-68705-10 MS	CS-10(0.25')	95	98
880-68705-10 MSD	CS-10(0.25')	96	99
880-68705-11	CS-11(0.25')	100	101
880-68705-12	CS-12(0.25')	95	97
880-68705-13	CS-13(0.25')	105	106
880-68705-14	CS-14(0.25')	99	102
880-68705-15	CS-15(0.25')	104	103
880-68705-16	CS-16(0.25')	100	106
880-68705-17	CS-17(0.25')	100	104
880-68705-18	CS-18(0.25')	101	104
880-68705-19	CS-19(0.25')	99	102
880-68705-20	CS-20(0.25')	101	102
880-68705-21	CS-21(0.25')	103	104
880-68705-22	CS-22(0.25')	102	106
LCS 880-132800/2-A	Lab Control Sample	85	87
LCS 880-132856/2-A	Lab Control Sample	81	83
LCSD 880-132800/3-A	Lab Control Sample Dup	84	85
LCSD 880-132856/3-A	Lab Control Sample Dup	80	81
MB 880-132800/1-A	Method Blank	127	123
MB 880-132856/1-A	Method Blank	93	89

Surrogate Legend

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

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-133280/5-A
 Matrix: Solid
 Analysis Batch: 133390

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/27/26 13:01	03/01/26 16:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 13:01	03/01/26 16:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/26 13:01	03/01/26 16:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	02/27/26 13:01	03/01/26 16:06	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/27/26 13:01	03/01/26 16:06	1

Lab Sample ID: LCS 880-133280/1-A
 Matrix: Solid
 Analysis Batch: 133390

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1043		mg/Kg		104	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1018		mg/Kg		102	70 - 130
m,p-Xylenes	0.200	0.2362		mg/Kg		118	70 - 130
o-Xylene	0.100	0.1200		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-133280/2-A
 Matrix: Solid
 Analysis Batch: 133390

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09891		mg/Kg		99	70 - 130	5	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130	1	35
m,p-Xylenes	0.200	0.2374		mg/Kg		119	70 - 130	1	35
o-Xylene	0.100	0.1196		mg/Kg		120	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-68705-1 MS
 Matrix: Solid
 Analysis Batch: 133390

Client Sample ID: CS-1(0.25')
 Prep Type: Total/NA
 Prep Batch: 133280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.05859	F1	mg/Kg		59	70 - 130
Toluene	<0.00200	U	0.100	0.07166		mg/Kg		72	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68705-1 MS

Client Sample ID: CS-1(0.25')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133390

Prep Batch: 133280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07768		mg/Kg		78	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1950		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09275		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-68705-1 MSD

Client Sample ID: CS-1(0.25')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133390

Prep Batch: 133280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.09427	F2	mg/Kg		94	70 - 130	47	35
Toluene	<0.00200	U	0.100	0.09240		mg/Kg		92	70 - 130	25	35
Ethylbenzene	<0.00200	U	0.100	0.09063		mg/Kg		91	70 - 130	15	35
m,p-Xylenes	<0.00399	U	0.200	0.2133		mg/Kg		107	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.1098		mg/Kg		110	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-133391/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133388

Prep Batch: 133391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/01/26 13:26	03/01/26 16:07	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/01/26 13:26	03/01/26 16:07	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/01/26 13:26	03/01/26 16:07	1

Lab Sample ID: LCS 880-133391/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133388

Prep Batch: 133391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.101	0.1022		mg/Kg		102	70 - 130
Toluene	0.101	0.09815		mg/Kg		98	70 - 130
Ethylbenzene	0.101	0.1042		mg/Kg		104	70 - 130
m,p-Xylenes	0.201	0.2044		mg/Kg		102	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-133391/1-A
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.101	0.09626		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-133391/2-A
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.101	0.1071		mg/Kg		107	70 - 130	5	35
Toluene	0.101	0.1009		mg/Kg		100	70 - 130	3	35
Ethylbenzene	0.101	0.1082		mg/Kg		108	70 - 130	4	35
m,p-Xylenes	0.201	0.2138		mg/Kg		107	70 - 130	4	35
o-Xylene	0.101	0.1012		mg/Kg		101	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-68705-21 MS
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: CS-21(0.25')
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.09927		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.101	0.09309		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.09882		mg/Kg		98	70 - 130
m,p-Xylenes	<0.00399	U	0.201	0.1934		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.101	0.09260		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68705-21 MSD
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: CS-21(0.25')
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.101	0.09584		mg/Kg		95	70 - 130	4	35
Toluene	<0.00200	U	0.101	0.09035		mg/Kg		90	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.101	0.09410		mg/Kg		94	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.201	0.1876		mg/Kg		94	70 - 130	3	35
o-Xylene	<0.00200	U	0.101	0.08824		mg/Kg		88	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68705-21 MSD
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: CS-21(0.25')
 Prep Type: Total/NA
 Prep Batch: 133391

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

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

Lab Sample ID: MB 880-132800/1-A
 Matrix: Solid
 Analysis Batch: 133371

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132800

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 08:16	03/01/26 05:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 08:16	03/01/26 05:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 08:16	03/01/26 05:47	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	127		70 - 130	02/24/26 08:16	03/01/26 05:47	1
o-Terphenyl (Surr)	123		70 - 130	02/24/26 08:16	03/01/26 05:47	1

Lab Sample ID: LCS 880-132800/2-A
 Matrix: Solid
 Analysis Batch: 133371

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1016		mg/Kg		102	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-132800/3-A
 Matrix: Solid
 Analysis Batch: 133371

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1011		mg/Kg		101	70 - 130	0	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	85		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68689-A-35-B MS
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	1122		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1072		mg/Kg		105	70 - 130
		MS MS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
o-Terphenyl (Surr)	110		70 - 130						

Lab Sample ID: 880-68689-A-35-C MSD
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	1146		mg/Kg		113	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1110		mg/Kg		109	70 - 130	3	20
		MSD MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	105		70 - 130								
o-Terphenyl (Surr)	111		70 - 130								

Lab Sample ID: MB 880-132856/1-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/01/26 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/01/26 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/01/26 23:46	1
		MB MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				02/24/26 13:51	03/01/26 23:46	1
o-Terphenyl (Surr)	89		70 - 130				02/24/26 13:51	03/01/26 23:46	1

Lab Sample ID: LCS 880-132856/2-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	982.6		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-132856/2-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132856

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: LCSD 880-132856/3-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1001		mg/Kg		100	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	956.3		mg/Kg		96	70 - 130	3		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: 880-68705-10 MS
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: CS-10(0.25')
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1058		mg/Kg		105	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	996	996.4		mg/Kg		100	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 880-68705-10 MSD
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: CS-10(0.25')
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1048		mg/Kg		104	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1023		mg/Kg		103	70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132989/1-A
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 00:36	1

Lab Sample ID: LCS 880-132989/2-A
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-132989/3-A
 Matrix: Solid
 Analysis Batch: 133002

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	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-68705-6 MS
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: CS-6(0.25')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.8		251	258.9		mg/Kg		97	90 - 110

Lab Sample ID: 880-68705-6 MSD
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: CS-6(0.25')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.8		251	259.6		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-68705-16 MS
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: CS-16(0.25')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.6		250	254.5		mg/Kg		98	90 - 110

Lab Sample ID: 880-68705-16 MSD
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: CS-16(0.25')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.6		250	256.4		mg/Kg		98	90 - 110	1	20

Lab Sample ID: MB 880-132988/1-A
 Matrix: Solid
 Analysis Batch: 133073

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 19:44	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-132988/2-A
Matrix: Solid
Analysis Batch: 133073

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.6		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-132988/3-A
Matrix: Solid
Analysis Batch: 133073

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	240.1		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-68703-A-8-C MS
Matrix: Solid
Analysis Batch: 133073

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	10.7		251	257.9		mg/Kg		98	90 - 110

Lab Sample ID: 880-68703-A-8-D MSD
Matrix: Solid
Analysis Batch: 133073

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	10.7		251	258.3		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 133280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Total/NA	Solid	5035	
880-68705-2	CS-2(0.25')	Total/NA	Solid	5035	
880-68705-3	CS-3(0.25')	Total/NA	Solid	5035	
880-68705-4	CS-4(0.25')	Total/NA	Solid	5035	
880-68705-5	CS-5(0.25')	Total/NA	Solid	5035	
880-68705-6	CS-6(0.25')	Total/NA	Solid	5035	
880-68705-7	CS-7(0.25')	Total/NA	Solid	5035	
880-68705-8	CS-8(0.25')	Total/NA	Solid	5035	
880-68705-9	CS-9(0.25')	Total/NA	Solid	5035	
880-68705-10	CS-10(0.25')	Total/NA	Solid	5035	
880-68705-11	CS-11(0.25')	Total/NA	Solid	5035	
880-68705-12	CS-12(0.25')	Total/NA	Solid	5035	
880-68705-13	CS-13(0.25')	Total/NA	Solid	5035	
880-68705-14	CS-14(0.25')	Total/NA	Solid	5035	
880-68705-15	CS-15(0.25')	Total/NA	Solid	5035	
880-68705-16	CS-16(0.25')	Total/NA	Solid	5035	
880-68705-17	CS-17(0.25')	Total/NA	Solid	5035	
880-68705-18	CS-18(0.25')	Total/NA	Solid	5035	
880-68705-19	CS-19(0.25')	Total/NA	Solid	5035	
880-68705-20	CS-20(0.25')	Total/NA	Solid	5035	
MB 880-133280/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133280/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-133280/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68705-1 MS	CS-1(0.25')	Total/NA	Solid	5035	
880-68705-1 MSD	CS-1(0.25')	Total/NA	Solid	5035	

Analysis Batch: 133388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-21	CS-21(0.25')	Total/NA	Solid	8021B	133391
880-68705-22	CS-22(0.25')	Total/NA	Solid	8021B	133391
MB 880-133391/5-A	Method Blank	Total/NA	Solid	8021B	133391
LCS 880-133391/1-A	Lab Control Sample	Total/NA	Solid	8021B	133391
LCSD 880-133391/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133391
880-68705-21 MS	CS-21(0.25')	Total/NA	Solid	8021B	133391
880-68705-21 MSD	CS-21(0.25')	Total/NA	Solid	8021B	133391

Analysis Batch: 133390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Total/NA	Solid	8021B	133280
880-68705-2	CS-2(0.25')	Total/NA	Solid	8021B	133280
880-68705-3	CS-3(0.25')	Total/NA	Solid	8021B	133280
880-68705-4	CS-4(0.25')	Total/NA	Solid	8021B	133280
880-68705-5	CS-5(0.25')	Total/NA	Solid	8021B	133280
880-68705-6	CS-6(0.25')	Total/NA	Solid	8021B	133280
880-68705-7	CS-7(0.25')	Total/NA	Solid	8021B	133280
880-68705-8	CS-8(0.25')	Total/NA	Solid	8021B	133280
880-68705-9	CS-9(0.25')	Total/NA	Solid	8021B	133280
880-68705-10	CS-10(0.25')	Total/NA	Solid	8021B	133280
880-68705-11	CS-11(0.25')	Total/NA	Solid	8021B	133280
880-68705-12	CS-12(0.25')	Total/NA	Solid	8021B	133280
880-68705-13	CS-13(0.25')	Total/NA	Solid	8021B	133280

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 133390 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-14	CS-14(0.25')	Total/NA	Solid	8021B	133280
880-68705-15	CS-15(0.25')	Total/NA	Solid	8021B	133280
880-68705-16	CS-16(0.25')	Total/NA	Solid	8021B	133280
880-68705-17	CS-17(0.25')	Total/NA	Solid	8021B	133280
880-68705-18	CS-18(0.25')	Total/NA	Solid	8021B	133280
880-68705-19	CS-19(0.25')	Total/NA	Solid	8021B	133280
880-68705-20	CS-20(0.25')	Total/NA	Solid	8021B	133280
MB 880-133280/5-A	Method Blank	Total/NA	Solid	8021B	133280
LCS 880-133280/1-A	Lab Control Sample	Total/NA	Solid	8021B	133280
LCS D 880-133280/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133280
880-68705-1 MS	CS-1(0.25')	Total/NA	Solid	8021B	133280
880-68705-1 MSD	CS-1(0.25')	Total/NA	Solid	8021B	133280

Prep Batch: 133391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-21	CS-21(0.25')	Total/NA	Solid	5035	
880-68705-22	CS-22(0.25')	Total/NA	Solid	5035	
MB 880-133391/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133391/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS D 880-133391/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68705-21 MS	CS-21(0.25')	Total/NA	Solid	5035	
880-68705-21 MSD	CS-21(0.25')	Total/NA	Solid	5035	

Analysis Batch: 133508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Total/NA	Solid	Total BTEX	
880-68705-2	CS-2(0.25')	Total/NA	Solid	Total BTEX	
880-68705-3	CS-3(0.25')	Total/NA	Solid	Total BTEX	
880-68705-4	CS-4(0.25')	Total/NA	Solid	Total BTEX	
880-68705-5	CS-5(0.25')	Total/NA	Solid	Total BTEX	
880-68705-6	CS-6(0.25')	Total/NA	Solid	Total BTEX	
880-68705-7	CS-7(0.25')	Total/NA	Solid	Total BTEX	
880-68705-8	CS-8(0.25')	Total/NA	Solid	Total BTEX	
880-68705-9	CS-9(0.25')	Total/NA	Solid	Total BTEX	
880-68705-10	CS-10(0.25')	Total/NA	Solid	Total BTEX	
880-68705-11	CS-11(0.25')	Total/NA	Solid	Total BTEX	
880-68705-12	CS-12(0.25')	Total/NA	Solid	Total BTEX	
880-68705-13	CS-13(0.25')	Total/NA	Solid	Total BTEX	
880-68705-14	CS-14(0.25')	Total/NA	Solid	Total BTEX	
880-68705-15	CS-15(0.25')	Total/NA	Solid	Total BTEX	
880-68705-16	CS-16(0.25')	Total/NA	Solid	Total BTEX	
880-68705-17	CS-17(0.25')	Total/NA	Solid	Total BTEX	
880-68705-18	CS-18(0.25')	Total/NA	Solid	Total BTEX	
880-68705-19	CS-19(0.25')	Total/NA	Solid	Total BTEX	
880-68705-20	CS-20(0.25')	Total/NA	Solid	Total BTEX	
880-68705-21	CS-21(0.25')	Total/NA	Solid	Total BTEX	
880-68705-22	CS-22(0.25')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 132800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-2	CS-2(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-3	CS-3(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-4	CS-4(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-5	CS-5(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-6	CS-6(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-7	CS-7(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-8	CS-8(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-9	CS-9(0.25')	Total/NA	Solid	8015NM Prep	
MB 880-132800/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132800/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132800/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68689-A-35-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68689-A-35-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 132856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-10	CS-10(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-11	CS-11(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-12	CS-12(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-13	CS-13(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-14	CS-14(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-15	CS-15(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-16	CS-16(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-17	CS-17(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-18	CS-18(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-19	CS-19(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-20	CS-20(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-21	CS-21(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-22	CS-22(0.25')	Total/NA	Solid	8015NM Prep	
MB 880-132856/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132856/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132856/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68705-10 MS	CS-10(0.25')	Total/NA	Solid	8015NM Prep	
880-68705-10 MSD	CS-10(0.25')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 133371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-2	CS-2(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-3	CS-3(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-4	CS-4(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-5	CS-5(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-6	CS-6(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-7	CS-7(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-8	CS-8(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-9	CS-9(0.25')	Total/NA	Solid	8015B NM	132800
880-68705-10	CS-10(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-11	CS-11(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-12	CS-12(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-13	CS-13(0.25')	Total/NA	Solid	8015B NM	132856

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 133371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-14	CS-14(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-15	CS-15(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-16	CS-16(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-17	CS-17(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-18	CS-18(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-19	CS-19(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-20	CS-20(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-21	CS-21(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-22	CS-22(0.25')	Total/NA	Solid	8015B NM	132856
MB 880-132800/1-A	Method Blank	Total/NA	Solid	8015B NM	132800
MB 880-132856/1-A	Method Blank	Total/NA	Solid	8015B NM	132856
LCS 880-132800/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132800
LCS 880-132856/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132856
LCS 880-132800/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132800
LCS 880-132856/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132856
880-68689-A-35-B MS	Matrix Spike	Total/NA	Solid	8015B NM	132800
880-68689-A-35-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	132800
880-68705-10 MS	CS-10(0.25')	Total/NA	Solid	8015B NM	132856
880-68705-10 MSD	CS-10(0.25')	Total/NA	Solid	8015B NM	132856

Analysis Batch: 133436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Total/NA	Solid	8015 NM	
880-68705-2	CS-2(0.25')	Total/NA	Solid	8015 NM	
880-68705-3	CS-3(0.25')	Total/NA	Solid	8015 NM	
880-68705-4	CS-4(0.25')	Total/NA	Solid	8015 NM	
880-68705-5	CS-5(0.25')	Total/NA	Solid	8015 NM	
880-68705-6	CS-6(0.25')	Total/NA	Solid	8015 NM	
880-68705-7	CS-7(0.25')	Total/NA	Solid	8015 NM	
880-68705-8	CS-8(0.25')	Total/NA	Solid	8015 NM	
880-68705-9	CS-9(0.25')	Total/NA	Solid	8015 NM	
880-68705-10	CS-10(0.25')	Total/NA	Solid	8015 NM	
880-68705-11	CS-11(0.25')	Total/NA	Solid	8015 NM	
880-68705-12	CS-12(0.25')	Total/NA	Solid	8015 NM	
880-68705-13	CS-13(0.25')	Total/NA	Solid	8015 NM	
880-68705-14	CS-14(0.25')	Total/NA	Solid	8015 NM	
880-68705-15	CS-15(0.25')	Total/NA	Solid	8015 NM	
880-68705-16	CS-16(0.25')	Total/NA	Solid	8015 NM	
880-68705-17	CS-17(0.25')	Total/NA	Solid	8015 NM	
880-68705-18	CS-18(0.25')	Total/NA	Solid	8015 NM	
880-68705-19	CS-19(0.25')	Total/NA	Solid	8015 NM	
880-68705-20	CS-20(0.25')	Total/NA	Solid	8015 NM	
880-68705-21	CS-21(0.25')	Total/NA	Solid	8015 NM	
880-68705-22	CS-22(0.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Soluble	Solid	DI Leach	
880-68705-2	CS-2(0.25')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 132988 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-3	CS-3(0.25')	Soluble	Solid	DI Leach	
880-68705-4	CS-4(0.25')	Soluble	Solid	DI Leach	
880-68705-5	CS-5(0.25')	Soluble	Solid	DI Leach	
MB 880-132988/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132988/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132988/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68703-A-8-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68703-A-8-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 132989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-6	CS-6(0.25')	Soluble	Solid	DI Leach	
880-68705-7	CS-7(0.25')	Soluble	Solid	DI Leach	
880-68705-8	CS-8(0.25')	Soluble	Solid	DI Leach	
880-68705-9	CS-9(0.25')	Soluble	Solid	DI Leach	
880-68705-10	CS-10(0.25')	Soluble	Solid	DI Leach	
880-68705-11	CS-11(0.25')	Soluble	Solid	DI Leach	
880-68705-12	CS-12(0.25')	Soluble	Solid	DI Leach	
880-68705-13	CS-13(0.25')	Soluble	Solid	DI Leach	
880-68705-14	CS-14(0.25')	Soluble	Solid	DI Leach	
880-68705-15	CS-15(0.25')	Soluble	Solid	DI Leach	
880-68705-16	CS-16(0.25')	Soluble	Solid	DI Leach	
880-68705-17	CS-17(0.25')	Soluble	Solid	DI Leach	
880-68705-18	CS-18(0.25')	Soluble	Solid	DI Leach	
880-68705-19	CS-19(0.25')	Soluble	Solid	DI Leach	
880-68705-20	CS-20(0.25')	Soluble	Solid	DI Leach	
880-68705-21	CS-21(0.25')	Soluble	Solid	DI Leach	
880-68705-22	CS-22(0.25')	Soluble	Solid	DI Leach	
MB 880-132989/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132989/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132989/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68705-6 MS	CS-6(0.25')	Soluble	Solid	DI Leach	
880-68705-6 MSD	CS-6(0.25')	Soluble	Solid	DI Leach	
880-68705-16 MS	CS-16(0.25')	Soluble	Solid	DI Leach	
880-68705-16 MSD	CS-16(0.25')	Soluble	Solid	DI Leach	

Analysis Batch: 133002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-6	CS-6(0.25')	Soluble	Solid	300.0	132989
880-68705-7	CS-7(0.25')	Soluble	Solid	300.0	132989
880-68705-8	CS-8(0.25')	Soluble	Solid	300.0	132989
880-68705-9	CS-9(0.25')	Soluble	Solid	300.0	132989
880-68705-10	CS-10(0.25')	Soluble	Solid	300.0	132989
880-68705-11	CS-11(0.25')	Soluble	Solid	300.0	132989
880-68705-12	CS-12(0.25')	Soluble	Solid	300.0	132989
880-68705-13	CS-13(0.25')	Soluble	Solid	300.0	132989
880-68705-14	CS-14(0.25')	Soluble	Solid	300.0	132989
880-68705-15	CS-15(0.25')	Soluble	Solid	300.0	132989
880-68705-16	CS-16(0.25')	Soluble	Solid	300.0	132989
880-68705-17	CS-17(0.25')	Soluble	Solid	300.0	132989
880-68705-18	CS-18(0.25')	Soluble	Solid	300.0	132989

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 133002 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-19	CS-19(0.25')	Soluble	Solid	300.0	132989
880-68705-20	CS-20(0.25')	Soluble	Solid	300.0	132989
880-68705-21	CS-21(0.25')	Soluble	Solid	300.0	132989
880-68705-22	CS-22(0.25')	Soluble	Solid	300.0	132989
MB 880-132989/1-A	Method Blank	Soluble	Solid	300.0	132989
LCS 880-132989/2-A	Lab Control Sample	Soluble	Solid	300.0	132989
LCSD 880-132989/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132989
880-68705-6 MS	CS-6(0.25')	Soluble	Solid	300.0	132989
880-68705-6 MSD	CS-6(0.25')	Soluble	Solid	300.0	132989
880-68705-16 MS	CS-16(0.25')	Soluble	Solid	300.0	132989
880-68705-16 MSD	CS-16(0.25')	Soluble	Solid	300.0	132989

Analysis Batch: 133073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68705-1	CS-1(0.25')	Soluble	Solid	300.0	132988
880-68705-2	CS-2(0.25')	Soluble	Solid	300.0	132988
880-68705-3	CS-3(0.25')	Soluble	Solid	300.0	132988
880-68705-4	CS-4(0.25')	Soluble	Solid	300.0	132988
880-68705-5	CS-5(0.25')	Soluble	Solid	300.0	132988
MB 880-132988/1-A	Method Blank	Soluble	Solid	300.0	132988
LCS 880-132988/2-A	Lab Control Sample	Soluble	Solid	300.0	132988
LCSD 880-132988/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132988
880-68703-A-8-C MS	Matrix Spike	Soluble	Solid	300.0	132988
880-68703-A-8-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132988

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-1(0.25')

Lab Sample ID: 880-68705-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 16:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 16:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 13:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 13:12	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132988	02/25/26 12:59	SI	EET MID
Soluble	Analysis	300.0		1			133073	02/26/26 22:11	CS	EET MID

Client Sample ID: CS-2(0.25')

Lab Sample ID: 880-68705-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 16:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 13:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 13:27	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132988	02/25/26 12:59	SI	EET MID
Soluble	Analysis	300.0		1			133073	02/26/26 22:17	CS	EET MID

Client Sample ID: CS-3(0.25')

Lab Sample ID: 880-68705-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 17:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 13:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 13:42	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	132988	02/25/26 12:59	SI	EET MID
Soluble	Analysis	300.0		1			133073	02/26/26 22:22	CS	EET MID

Client Sample ID: CS-4(0.25')

Lab Sample ID: 880-68705-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 17:29	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-4(0.25')

Lab Sample ID: 880-68705-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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			133436	03/01/26 13:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 13:58	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132988	02/25/26 12:59	SI	EET MID
Soluble	Analysis	300.0		1			133073	02/26/26 22:28	CS	EET MID

Client Sample ID: CS-5(0.25')

Lab Sample ID: 880-68705-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 17:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 14:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 14:12	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132988	02/25/26 12:59	SI	EET MID
Soluble	Analysis	300.0		1			133073	02/26/26 22:33	CS	EET MID

Client Sample ID: CS-6(0.25')

Lab Sample ID: 880-68705-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 18:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 14:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 14:27	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 00:56	CS	EET MID

Client Sample ID: CS-7(0.25')

Lab Sample ID: 880-68705-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 18:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 14:42	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-7(0.25')

Lab Sample ID: 880-68705-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 01:16	CS	EET MID

Client Sample ID: CS-8(0.25')

Lab Sample ID: 880-68705-8

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 18:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 14:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 14:57	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 01:23	CS	EET MID

Client Sample ID: CS-9(0.25')

Lab Sample ID: 880-68705-9

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 19:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/01/26 15:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	132800	02/24/26 08:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/01/26 15:12	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 01:29	CS	EET MID

Client Sample ID: CS-10(0.25')

Lab Sample ID: 880-68705-10

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 19:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 00:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 00:46	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 01:36	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-11(0.25')

Lab Sample ID: 880-68705-11

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 21:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 01:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 01:31	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 01:56	CS	EET MID

Client Sample ID: CS-12(0.25')

Lab Sample ID: 880-68705-12

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 21:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 01:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 01:46	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:03	CS	EET MID

Client Sample ID: CS-13(0.25')

Lab Sample ID: 880-68705-13

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 21:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 02:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 02:01	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:09	CS	EET MID

Client Sample ID: CS-14(0.25')

Lab Sample ID: 880-68705-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 22:08	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-14(0.25')

Lab Sample ID: 880-68705-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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			133436	03/02/26 02:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 02:16	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:16	CS	EET MID

Client Sample ID: CS-15(0.25')

Lab Sample ID: 880-68705-15

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 22:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 02:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 02:31	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:23	CS	EET MID

Client Sample ID: CS-16(0.25')

Lab Sample ID: 880-68705-16

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 22:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 02:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 02:45	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:30	CS	EET MID

Client Sample ID: CS-17(0.25')

Lab Sample ID: 880-68705-17

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 23:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 03:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 03:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-17(0.25')

Lab Sample ID: 880-68705-17

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:50	CS	EET MID

Client Sample ID: CS-18(0.25')

Lab Sample ID: 880-68705-18

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 23:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 03:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 03:15	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 02:56	CS	EET MID

Client Sample ID: CS-19(0.25')

Lab Sample ID: 880-68705-19

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/01/26 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 23:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 03:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 03:30	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 03:16	CS	EET MID

Client Sample ID: CS-20(0.25')

Lab Sample ID: 880-68705-20

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133280	02/27/26 13:01	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133390	03/02/26 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/02/26 00:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 03:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 03:59	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 03:23	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Client Sample ID: CS-21(0.25')

Lab Sample ID: 880-68705-21

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 16:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 04:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 04:14	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 03:30	CS	EET MID

Client Sample ID: CS-22(0.25')

Lab Sample ID: 880-68705-22

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133508	03/01/26 16:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133436	03/02/26 04:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 04:29	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 03:36	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: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
SDG: Eddy 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

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

Method Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy 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: Pardue D 8808 JV-P #002

Job ID: 880-68705-1
 SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68705-1	CS-1(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-2	CS-2(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-3	CS-3(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-4	CS-4(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-5	CS-5(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-6	CS-6(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-7	CS-7(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-8	CS-8(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-9	CS-9(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-10	CS-10(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-11	CS-11(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-12	CS-12(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-13	CS-13(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-14	CS-14(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-15	CS-15(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-16	CS-16(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-17	CS-17(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-18	CS-18(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-19	CS-19(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-20	CS-20(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-21	CS-21(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68705-22	CS-22(0.25')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico

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Chain of Custody



880-68705 Chain of Custody

Page 1 of 3

Project Manager: Ashton Thielke
 Company Name: Carmona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988
 Email: ThielkeA@carmonaresources.com

Bill to: (if different)
 Company Name: Carmona Resources
 Address:
 City, State ZIP:

Work Order Comments
 Program: USTR/ST PRP Brownfields RRC perfund
 State of Project:
 Reporting Level II Level III ST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name:	Partue D 8898 -JV-P-#602	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes				
Project Number:	3162	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: S APC				
Project Location:	Eddy County, New Mexico	Due Date:	Standard						
Sampler's Name:	FV								
PO #:									
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Total Containers:									
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
CS-1 (0.25')	2/23/2026		X		C	1	X	X	X
CS-2 (0.25')	2/23/2026		X		C	1	X	X	X
CS-3 (0.25')	2/23/2026		X		C	1	X	X	X
CS-4 (0.25')	2/23/2026		X		C	1	X	X	X
CS-5 (0.25')	2/23/2026		X		C	1	X	X	X
CS-6 (0.25')	2/23/2026		X		C	1	X	X	X
CS-7 (0.25')	2/23/2026		X		C	1	X	X	X
CS-8 (0.25')	2/23/2026		X		C	1	X	X	X
CS-9 (0.25')	2/23/2026		X		C	1	X	X	X
CS-10 (0.25')	2/23/2026		X		C	1	X	X	X

Relinquished by: (Signature) *[Signature]* Date/Time: 2.23.26 17:05

Received by: (Signature) *[Signature]* Date/Time: 2.23.26 17:05

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Chain of Custody

Work Order No: _____

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

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Partund <input type="checkbox"/>	State of Project:
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes	Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0		
CS-11 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-12 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-13 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-14 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-15 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-16 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-17 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-18 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-19 (0.25')	2/23/2026		X		C	1	X	X	X		
CS-20 (0.25')	2/23/2026		X		C	1	X	X	X		

Project Name: Pardue D 8808 JV-P #002	Turn Around: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number: 3162	Due Date: Standard
Project Location: Eddy County, New Mexico	
Sampler's Name: FV	
PO #:	
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Total Containers:	Corrected Temperature: 7.5

Relinquished by: (Signature)	Received by: (Signature)
Date/Time: 2-23-24 17:05	Date/Time: 2-23-26 17:05

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68705-1
SDG Number: Eddy County, New Mexico

Login Number: 68705
List Number: 1
Creator: Juarez, Leticia

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701
 Generated 3/2/2026 1:28:56 PM

JOB DESCRIPTION

Pardue D 8808 JV-P #002
 Eddy County, New Mexico

JOB NUMBER

880-68706-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
3/2/2026 1:28:56 PM

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

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Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Laboratory Job ID: 880-68706-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Pardue D 8808 JV-P #002

Job ID: 880-68706-1

Job ID: 880-68706-1

Eurofins Midland

Job Narrative 880-68706-1

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

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

Receipt

The samples were received on 2/23/2026 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-68706-1), S-1 (1.5') (880-68706-2), S-1 (2') (880-68706-3), S-2 (0-1') (880-68706-4), S-2 (1.5') (880-68706-5), S-2 (2') (880-68706-6), S-3 (0-1') (880-68706-7), S-3 (1.5') (880-68706-8) and S-3 (2') (880-68706-9).

GC VOA

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68706-A-8-B MS). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland



Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68706-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 17:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 17:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 17:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/01/26 13:26	03/01/26 17:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 17:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/01/26 13:26	03/01/26 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/01/26 13:26	03/01/26 17:10	1
1,4-Difluorobenzene (Surr)	118		70 - 130	03/01/26 13:26	03/01/26 17:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 04:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 04:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	02/24/26 13:51	03/02/26 04:43	1
o-Terphenyl (Surr)	108		70 - 130	02/24/26 13:51	03/02/26 04:43	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			02/26/26 03:43	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68706-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 17:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 17:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 17:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/01/26 13:26	03/01/26 17:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 17:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/01/26 13:26	03/01/26 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/01/26 13:26	03/01/26 17:31	1
1,4-Difluorobenzene (Surr)	110		70 - 130	03/01/26 13:26	03/01/26 17:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68706-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/02/26 04:59	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		02/24/26 13:51	03/02/26 04:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 04:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 13:51	03/02/26 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				02/24/26 13:51	03/02/26 04:59	1
o-Terphenyl (Surr)	102		70 - 130				02/24/26 13:51	03/02/26 04:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.4		9.94		mg/Kg			02/26/26 03:50	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68706-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 17:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 17:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 17:52	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/01/26 13:26	03/01/26 17:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 17:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/01/26 13:26	03/01/26 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				03/01/26 13:26	03/01/26 17:52	1
1,4-Difluorobenzene (Surr)	117		70 - 130				03/01/26 13:26	03/01/26 17:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 05:13	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	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 05:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 05:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68706-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/02/26 05:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				02/24/26 13:51	03/02/26 05:13	1
o-Terphenyl (Surr)	99		70 - 130				02/24/26 13:51	03/02/26 05:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		10.1		mg/Kg			02/26/26 09:40	1

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

Lab Sample ID: 880-68706-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 18:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/01/26 13:26	03/01/26 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 18:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/01/26 13:26	03/01/26 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				03/01/26 13:26	03/01/26 18:12	1
1,4-Difluorobenzene (Surr)	113		70 - 130				03/01/26 13:26	03/01/26 18:12	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			03/01/26 18:12	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			03/02/26 05:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		02/24/26 13:51	03/02/26 05:28	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/24/26 13:51	03/02/26 05:28	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/24/26 13:51	03/02/26 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				02/24/26 13:51	03/02/26 05:28	1
o-Terphenyl (Surr)	100		70 - 130				02/24/26 13:51	03/02/26 05:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/26/26 23:19	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68706-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 18:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 18:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 18:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/01/26 13:26	03/01/26 18:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/01/26 13:26	03/01/26 18:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/01/26 13:26	03/01/26 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/01/26 13:26	03/01/26 18:33	1
1,4-Difluorobenzene (Surr)	108		70 - 130	03/01/26 13:26	03/01/26 18:33	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			03/01/26 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/02/26 05:43	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	<50.1	U	50.1		mg/Kg		02/24/26 13:51	03/02/26 05:43	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/24/26 13:51	03/02/26 05:43	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/24/26 13:51	03/02/26 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	02/24/26 13:51	03/02/26 05:43	1
o-Terphenyl (Surr)	99		70 - 130	02/24/26 13:51	03/02/26 05:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.5		10.0		mg/Kg			02/26/26 23:36	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68706-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 18:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 18:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 18:54	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/01/26 13:26	03/01/26 18:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/01/26 13:26	03/01/26 18:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/01/26 13:26	03/01/26 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/01/26 13:26	03/01/26 18:54	1
1,4-Difluorobenzene (Surr)	109		70 - 130	03/01/26 13:26	03/01/26 18:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68706-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/02/26 05:58	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	<50.2	U	50.2		mg/Kg		02/24/26 13:51	03/02/26 05:58	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/24/26 13:51	03/02/26 05:58	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/24/26 13:51	03/02/26 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/24/26 13:51	03/02/26 05:58	1
o-Terphenyl (Surr)	108		70 - 130				02/24/26 13:51	03/02/26 05:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		10.1		mg/Kg			02/26/26 23:41	1

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

Lab Sample ID: 880-68706-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 19:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 19:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 19:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/01/26 13:26	03/01/26 19:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/01/26 13:26	03/01/26 19:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/01/26 13:26	03/01/26 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				03/01/26 13:26	03/01/26 19:14	1
1,4-Difluorobenzene (Surr)	109		70 - 130				03/01/26 13:26	03/01/26 19:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/02/26 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/24/26 13:51	03/02/26 06:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/24/26 13:51	03/02/26 06:12	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68706-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/24/26 13:51	03/02/26 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				02/24/26 13:51	03/02/26 06:12	1
o-Terphenyl (Surr)	102		70 - 130				02/24/26 13:51	03/02/26 06:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 23:47	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68706-8

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 19:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 19:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 19:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/01/26 13:26	03/01/26 19:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/01/26 13:26	03/01/26 19:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/01/26 13:26	03/01/26 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				03/01/26 13:26	03/01/26 19:35	1
1,4-Difluorobenzene (Surr)	113		70 - 130				03/01/26 13:26	03/01/26 19:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 00:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 00:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 00:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				02/24/26 14:03	03/02/26 00:46	1
o-Terphenyl (Surr)	113		70 - 130				02/24/26 14:03	03/02/26 00:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		9.90		mg/Kg			02/26/26 23:53	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68706-9

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 20:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 20:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 20:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/01/26 13:26	03/01/26 20:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 20:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/01/26 13:26	03/01/26 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	03/01/26 13:26	03/01/26 20:58	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/01/26 13:26	03/01/26 20:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 01:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 01:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 01:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 01:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	02/24/26 14:03	03/02/26 01:31	1
o-Terphenyl (Surr)	112		70 - 130	02/24/26 14:03	03/02/26 01:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		10.1		mg/Kg			02/27/26 00:09	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68705-A-21-C MS	Matrix Spike	111	118
880-68705-A-21-D MSD	Matrix Spike Duplicate	111	114
880-68706-1	S-1 (0-1')	110	118
880-68706-2	S-1 (1.5')	106	110
880-68706-3	S-1 (2')	111	117
880-68706-4	S-2 (0-1')	117	113
880-68706-5	S-2 (1.5')	104	108
880-68706-6	S-2 (2')	110	109
880-68706-7	S-3 (0-1')	103	109
880-68706-8	S-3 (1.5')	112	113
880-68706-9	S-3 (2')	103	106
LCS 880-133391/1-A	Lab Control Sample	106	114
LCSD 880-133391/2-A	Lab Control Sample Dup	100	113
MB 880-133391/5-A	Method Blank	100	106

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68705-A-10-B MS	Matrix Spike	95	98
880-68705-A-10-C MSD	Matrix Spike Duplicate	96	99
880-68706-1	S-1 (0-1')	105	108
880-68706-2	S-1 (1.5')	99	102
880-68706-3	S-1 (2')	95	99
880-68706-4	S-2 (0-1')	96	100
880-68706-5	S-2 (1.5')	97	99
880-68706-6	S-2 (2')	108	108
880-68706-7	S-3 (0-1')	103	102
880-68706-8	S-3 (1.5')	109	113
880-68706-8 MS	S-3 (1.5')	133 S1+	112
880-68706-8 MSD	S-3 (1.5')	104	112
880-68706-9	S-3 (2')	110	112
LCS 880-132856/2-A	Lab Control Sample	81	83
LCS 880-132858/2-A	Lab Control Sample	112	94
LCSD 880-132856/3-A	Lab Control Sample Dup	80	81
LCSD 880-132858/3-A	Lab Control Sample Dup	117	95
MB 880-132856/1-A	Method Blank	93	89

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

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-133391/5-A
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 13:26	03/01/26 16:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/01/26 13:26	03/01/26 16:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/01/26 13:26	03/01/26 16:07	1
1,4-Difluorobenzene (Surr)	106		70 - 130	03/01/26 13:26	03/01/26 16:07	1

Lab Sample ID: LCS 880-133391/1-A
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.101	0.1022		mg/Kg		102	70 - 130
Toluene	0.101	0.09815		mg/Kg		98	70 - 130
Ethylbenzene	0.101	0.1042		mg/Kg		104	70 - 130
m,p-Xylenes	0.201	0.2044		mg/Kg		102	70 - 130
o-Xylene	0.101	0.09626		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: LCSD 880-133391/2-A
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.101	0.1071		mg/Kg		107	70 - 130	5	35
Toluene	0.101	0.1009		mg/Kg		100	70 - 130	3	35
Ethylbenzene	0.101	0.1082		mg/Kg		108	70 - 130	4	35
m,p-Xylenes	0.201	0.2138		mg/Kg		107	70 - 130	4	35
o-Xylene	0.101	0.1012		mg/Kg		101	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-68705-A-21-C MS
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.09927		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.101	0.09309		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68705-A-21-C MS
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.101	0.09882		mg/Kg		98	70 - 130
m,p-Xylenes	<0.00399	U	0.201	0.1934		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.101	0.09260		mg/Kg		92	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68705-A-21-D MSD
 Matrix: Solid
 Analysis Batch: 133388

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 133391

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.101	0.09584		mg/Kg		95	70 - 130	4	35
Toluene	<0.00200	U	0.101	0.09035		mg/Kg		90	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.101	0.09410		mg/Kg		94	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.201	0.1876		mg/Kg		94	70 - 130	3	35
o-Xylene	<0.00200	U	0.101	0.08824		mg/Kg		88	70 - 130	5	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

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

Lab Sample ID: MB 880-132856/1-A
 Matrix: Solid
 Analysis Batch: 133371

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132856

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/01/26 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/01/26 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 13:51	03/01/26 23:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	93		70 - 130	02/24/26 13:51	03/01/26 23:46	1
o-Terphenyl (Surr)	89		70 - 130	02/24/26 13:51	03/01/26 23:46	1

Lab Sample ID: LCS 880-132856/2-A
 Matrix: Solid
 Analysis Batch: 133371

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132856

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Gasoline Range Organics (GRO)-C6-C10	1000	1041		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	982.6		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-132856/2-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132856

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: LCSD 880-132856/3-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1001		mg/Kg		100	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	956.3		mg/Kg		96	70 - 130	3		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: 880-68705-A-10-B MS
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1058		mg/Kg		105	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	996	996.4		mg/Kg		100	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 880-68705-A-10-C MSD
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1048		mg/Kg		104	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1023		mg/Kg		103	70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-132858/2-A
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	980.0		mg/Kg		98	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	842.7		mg/Kg		84	70 - 130	
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)	112		70 - 130					
o-Terphenyl (Surr)	94		70 - 130					

Lab Sample ID: LCSD 880-132858/3-A
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132858

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1069		mg/Kg		107	70 - 130	9	20	
Diesel Range Organics (Over C10-C28)	1000	871.9		mg/Kg		87	70 - 130	3	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	117		70 - 130							
o-Terphenyl (Surr)	95		70 - 130							

Lab Sample ID: 880-68706-8 MS
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: S-3 (1.5')
Prep Type: Total/NA
Prep Batch: 132858

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	1030		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	849.2		mg/Kg		83	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	133	S1+	70 - 130							
o-Terphenyl (Surr)	112		70 - 130							

Lab Sample ID: 880-68706-8 MSD
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: S-3 (1.5')
Prep Type: Total/NA
Prep Batch: 132858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1007		mg/Kg		101	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	924.1		mg/Kg		91	70 - 130	8	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	104		70 - 130									

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68706-8 MSD
 Matrix: Solid
 Analysis Batch: 133369

Client Sample ID: S-3 (1.5')
 Prep Type: Total/NA
 Prep Batch: 132858

Surrogate	%Recovery	MSD Qualifier	MSD Limits
<i>o</i> -Terphenyl (Surr)	112		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132989/1-A
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 00:36	1

Lab Sample ID: LCS 880-132989/2-A
 Matrix: Solid
 Analysis Batch: 133002

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-132989/3-A
 Matrix: Solid
 Analysis Batch: 133002

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	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-68705-A-16-C MS
 Matrix: Solid
 Analysis Batch: 133002

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	10.6		250	254.5		mg/Kg		98	90 - 110

Lab Sample ID: 880-68705-A-16-D MSD
 Matrix: Solid
 Analysis Batch: 133002

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	10.6		250	256.4		mg/Kg		98	90 - 110	1	20

Lab Sample ID: MB 880-132990/1-A
 Matrix: Solid
 Analysis Batch: 133077

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 23:02	1

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-132990/2-A
Matrix: Solid
Analysis Batch: 133077

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.2		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-132990/3-A
Matrix: Solid
Analysis Batch: 133077

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-68706-4 MS
Matrix: Solid
Analysis Batch: 133077

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.94	U	249	247.3		mg/Kg		96	90 - 110

Lab Sample ID: 880-68706-4 MSD
Matrix: Solid
Analysis Batch: 133077

Client Sample ID: S-2 (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	<9.94	U	249	247.4		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 133388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Total/NA	Solid	8021B	133391
880-68706-2	S-1 (1.5')	Total/NA	Solid	8021B	133391
880-68706-3	S-1 (2')	Total/NA	Solid	8021B	133391
880-68706-4	S-2 (0-1')	Total/NA	Solid	8021B	133391
880-68706-5	S-2 (1.5')	Total/NA	Solid	8021B	133391
880-68706-6	S-2 (2')	Total/NA	Solid	8021B	133391
880-68706-7	S-3 (0-1')	Total/NA	Solid	8021B	133391
880-68706-8	S-3 (1.5')	Total/NA	Solid	8021B	133391
880-68706-9	S-3 (2')	Total/NA	Solid	8021B	133391
MB 880-133391/5-A	Method Blank	Total/NA	Solid	8021B	133391
LCS 880-133391/1-A	Lab Control Sample	Total/NA	Solid	8021B	133391
LCSD 880-133391/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133391
880-68705-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	133391
880-68705-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	133391

Prep Batch: 133391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Total/NA	Solid	5035	
880-68706-2	S-1 (1.5')	Total/NA	Solid	5035	
880-68706-3	S-1 (2')	Total/NA	Solid	5035	
880-68706-4	S-2 (0-1')	Total/NA	Solid	5035	
880-68706-5	S-2 (1.5')	Total/NA	Solid	5035	
880-68706-6	S-2 (2')	Total/NA	Solid	5035	
880-68706-7	S-3 (0-1')	Total/NA	Solid	5035	
880-68706-8	S-3 (1.5')	Total/NA	Solid	5035	
880-68706-9	S-3 (2')	Total/NA	Solid	5035	
MB 880-133391/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133391/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-133391/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68705-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68705-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 133514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-68706-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-68706-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-68706-4	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-68706-5	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-68706-6	S-2 (2')	Total/NA	Solid	Total BTEX	
880-68706-7	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-68706-8	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-68706-9	S-3 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68706-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-68706-3	S-1 (2')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 132856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-4	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68706-5	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-68706-6	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-68706-7	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-132856/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132856/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132856/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68705-A-10-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68705-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 132858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-8	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-68706-9	S-3 (2')	Total/NA	Solid	8015NM Prep	
LCS 880-132858/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68706-8 MS	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-68706-8 MSD	S-3 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 133369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-8	S-3 (1.5')	Total/NA	Solid	8015B NM	132858
880-68706-9	S-3 (2')	Total/NA	Solid	8015B NM	132858
LCS 880-132858/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132858
LCSD 880-132858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132858
880-68706-8 MS	S-3 (1.5')	Total/NA	Solid	8015B NM	132858
880-68706-8 MSD	S-3 (1.5')	Total/NA	Solid	8015B NM	132858

Analysis Batch: 133371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Total/NA	Solid	8015B NM	132856
880-68706-2	S-1 (1.5')	Total/NA	Solid	8015B NM	132856
880-68706-3	S-1 (2')	Total/NA	Solid	8015B NM	132856
880-68706-4	S-2 (0-1')	Total/NA	Solid	8015B NM	132856
880-68706-5	S-2 (1.5')	Total/NA	Solid	8015B NM	132856
880-68706-6	S-2 (2')	Total/NA	Solid	8015B NM	132856
880-68706-7	S-3 (0-1')	Total/NA	Solid	8015B NM	132856
MB 880-132856/1-A	Method Blank	Total/NA	Solid	8015B NM	132856
LCS 880-132856/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132856
LCSD 880-132856/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132856
880-68705-A-10-B MS	Matrix Spike	Total/NA	Solid	8015B NM	132856
880-68705-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	132856

Analysis Batch: 133437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-68706-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-68706-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-68706-4	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-68706-5	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-68706-6	S-2 (2')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 133437 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-7	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-68706-8	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-68706-9	S-3 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68706-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-68706-3	S-1 (2')	Soluble	Solid	DI Leach	
MB 880-132989/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132989/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132989/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68705-A-16-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68705-A-16-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 132990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-4	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68706-5	S-2 (1.5')	Soluble	Solid	DI Leach	
880-68706-6	S-2 (2')	Soluble	Solid	DI Leach	
880-68706-7	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68706-8	S-3 (1.5')	Soluble	Solid	DI Leach	
880-68706-9	S-3 (2')	Soluble	Solid	DI Leach	
MB 880-132990/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132990/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132990/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68706-4 MS	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68706-4 MSD	S-2 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 133002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-1	S-1 (0-1')	Soluble	Solid	300.0	132989
880-68706-2	S-1 (1.5')	Soluble	Solid	300.0	132989
880-68706-3	S-1 (2')	Soluble	Solid	300.0	132989
MB 880-132989/1-A	Method Blank	Soluble	Solid	300.0	132989
LCS 880-132989/2-A	Lab Control Sample	Soluble	Solid	300.0	132989
LCSD 880-132989/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132989
880-68705-A-16-C MS	Matrix Spike	Soluble	Solid	300.0	132989
880-68705-A-16-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132989

Analysis Batch: 133077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68706-4	S-2 (0-1')	Soluble	Solid	300.0	132990
880-68706-5	S-2 (1.5')	Soluble	Solid	300.0	132990
880-68706-6	S-2 (2')	Soluble	Solid	300.0	132990
880-68706-7	S-3 (0-1')	Soluble	Solid	300.0	132990
880-68706-8	S-3 (1.5')	Soluble	Solid	300.0	132990
880-68706-9	S-3 (2')	Soluble	Solid	300.0	132990
MB 880-132990/1-A	Method Blank	Soluble	Solid	300.0	132990

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QC Association Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 133077 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-132990/2-A	Lab Control Sample	Soluble	Solid	300.0	132990
LCSD 880-132990/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132990
880-68706-4 MS	S-2 (0-1')	Soluble	Solid	300.0	132990
880-68706-4 MSD	S-2 (0-1')	Soluble	Solid	300.0	132990

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68706-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 17:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 04:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 04:43	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 03:43	CS	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68706-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 17:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 04:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 04:59	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 03:50	CS	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68706-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 17:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 05:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 05:13	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132989	02/25/26 13:04	SI	EET MID
Soluble	Analysis	300.0		1			133002	02/26/26 09:40	CS	EET MID

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

Lab Sample ID: 880-68706-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 18:12	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68706-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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			133437	03/02/26 05:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 05:28	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/26/26 23:19	CS	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68706-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 18:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 18:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 05:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 05:43	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/26/26 23:36	CS	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68706-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 18:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 18:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 05:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 05:58	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/26/26 23:41	CS	EET MID

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

Lab Sample ID: 880-68706-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 19:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 19:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 06:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132856	02/24/26 13:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133371	03/02/26 06:12	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68706-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/26/26 23:47	CS	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68706-8

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 19:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 00:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132858	02/24/26 14:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133369	03/02/26 00:46	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/26/26 23:53	CS	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68706-9

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133391	03/01/26 13:26	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133388	03/01/26 20:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133514	03/01/26 20:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133437	03/02/26 01:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132858	02/24/26 14:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133369	03/02/26 01:31	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/27/26 00:09	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: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
SDG: Eddy 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

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Method Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
 SDG: Eddy 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: Pardue D 8808 JV-P #002

Job ID: 880-68706-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68706-1	S-1 (0-1')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-2	S-1 (1.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-3	S-1 (2')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-4	S-2 (0-1')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-5	S-2 (1.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-6	S-2 (2')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-7	S-3 (0-1')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-8	S-3 (1.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68706-9	S-3 (2')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68706-1
SDG Number: Eddy County, New Mexico

Login Number: 68706
List Number: 1
Creator: Juarez, Leticia

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701
 Generated 3/2/2026 1:33:32 PM

JOB DESCRIPTION

Pardue D 8808 LV-P #002
 Eddy County, New Mexico

JOB NUMBER

880-68707-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



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3/2/2026 1:33:32 PM

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

Client: Carmona Resources
Project/Site: Pardue D 8808 LV-P #002

Laboratory Job ID: 880-68707-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Pardue D 8808 LV-P #002

Job ID: 880-68707-1

Job ID: 880-68707-1

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Job Narrative 880-68707-1

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

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

Receipt

The samples were received on 2/23/2026 5:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-68707-1), H-2 (0-0.5') (880-68707-2), H-3 (0-0.5') (880-68707-3) and H-4 (0-0.5') (880-68707-4).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-133018 and analytical batch 880-133179 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68706-A-8-B MS). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68707-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:56	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/25/26 16:11	02/27/26 20:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/25/26 16:11	02/27/26 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/25/26 16:11	02/27/26 20:56	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/25/26 16:11	02/27/26 20:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/27/26 20:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/24/26 14:03	03/02/26 01:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 14:03	03/02/26 01:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 14:03	03/02/26 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	02/24/26 14:03	03/02/26 01:46	1
o-Terphenyl (Surr)	112		70 - 130	02/24/26 14:03	03/02/26 01:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/27/26 00:15	1

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

Lab Sample ID: 880-68707-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/25/26 16:11	02/27/26 21:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/25/26 16:11	02/27/26 21:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/25/26 16:11	02/27/26 21:16	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/25/26 16:11	02/27/26 21:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/25/26 16:11	02/27/26 21:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/25/26 16:11	02/27/26 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/25/26 16:11	02/27/26 21:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/25/26 16:11	02/27/26 21:16	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68707-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/27/26 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/02/26 02:01	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	<49.8	U	49.8		mg/Kg		02/24/26 14:03	03/02/26 02:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/24/26 14:03	03/02/26 02:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/24/26 14:03	03/02/26 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	02/24/26 14:03	03/02/26 02:01	1
o-Terphenyl (Surr)	111		70 - 130	02/24/26 14:03	03/02/26 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/27/26 00:21	1

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

Lab Sample ID: 880-68707-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/25/26 16:11	02/27/26 21:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/25/26 16:11	02/27/26 21:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/25/26 16:11	02/27/26 21:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/25/26 16:11	02/27/26 21:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/25/26 16:11	02/27/26 21:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/25/26 16:11	02/27/26 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/25/26 16:11	02/27/26 21:37	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/25/26 16:11	02/27/26 21:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/27/26 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/02/26 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 02:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 02:16	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68707-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/24/26 14:03	03/02/26 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				02/24/26 14:03	03/02/26 02:16	1
o-Terphenyl (Surr)	116		70 - 130				02/24/26 14:03	03/02/26 02:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/27/26 00:26	1

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

Lab Sample ID: 880-68707-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/25/26 16:11	02/27/26 21:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/25/26 16:11	02/27/26 21:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/25/26 16:11	02/27/26 21:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/25/26 16:11	02/27/26 21:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/25/26 16:11	02/27/26 21:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/25/26 16:11	02/27/26 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/25/26 16:11	02/27/26 21:58	1
1,4-Difluorobenzene (Surr)	112		70 - 130				02/25/26 16:11	02/27/26 21:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/27/26 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/02/26 02:31	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	<50.0	U	50.0		mg/Kg		02/24/26 14:03	03/02/26 02:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/24/26 14:03	03/02/26 02:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/24/26 14:03	03/02/26 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				02/24/26 14:03	03/02/26 02:31	1
o-Terphenyl (Surr)	121		70 - 130				02/24/26 14:03	03/02/26 02:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			02/27/26 00:32	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68707-1	H-1 (0-0.5')	108	112
880-68707-1 MS	H-1 (0-0.5')	106	116
880-68707-1 MSD	H-1 (0-0.5')	102	113
880-68707-2	H-2 (0-0.5')	108	105
880-68707-3	H-3 (0-0.5')	110	111
880-68707-4	H-4 (0-0.5')	105	112
LCS 880-133018/1-A	Lab Control Sample	104	116
LCSD 880-133018/2-A	Lab Control Sample Dup	106	114
MB 880-133018/5-A	Method Blank	97	103
MB 880-133177/5-A	Method Blank	101	108

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)
880-68706-A-8-B MS	Matrix Spike	133 S1+	112
880-68706-A-8-C MSD	Matrix Spike Duplicate	104	112
880-68707-1	H-1 (0-0.5')	109	112
880-68707-2	H-2 (0-0.5')	108	111
880-68707-3	H-3 (0-0.5')	113	116
880-68707-4	H-4 (0-0.5')	115	121
LCS 880-132858/2-A	Lab Control Sample	112	94
LCSD 880-132858/3-A	Lab Control Sample Dup	117	95

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-133018/5-A
 Matrix: Solid
 Analysis Batch: 133179

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/25/26 16:11	02/27/26 20:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/25/26 16:11	02/27/26 20:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/25/26 16:11	02/27/26 20:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/25/26 16:11	02/27/26 20:34	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/25/26 16:11	02/27/26 20:34	1

Lab Sample ID: LCS 880-133018/1-A
 Matrix: Solid
 Analysis Batch: 133179

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09879		mg/Kg		99	70 - 130
Toluene	0.100	0.09013		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09847		mg/Kg		98	70 - 130
m,p-Xylenes	0.200	0.1907		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09050		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-133018/2-A
 Matrix: Solid
 Analysis Batch: 133179

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133018

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09055		mg/Kg		91	70 - 130	9	35
Toluene	0.100	0.08400		mg/Kg		84	70 - 130	7	35
Ethylbenzene	0.100	0.09042		mg/Kg		90	70 - 130	9	35
m,p-Xylenes	0.200	0.1746		mg/Kg		87	70 - 130	9	35
o-Xylene	0.100	0.08400		mg/Kg		84	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-68707-1 MS
 Matrix: Solid
 Analysis Batch: 133179

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 133018

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07880		mg/Kg		79	70 - 130
Toluene	<0.00200	U F1	0.100	0.07066		mg/Kg		71	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68707-1 MS

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133179

Prep Batch: 133018

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.07668		mg/Kg		77	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1495		mg/Kg		75	70 - 130
o-Xylene	<0.00200	U	0.100	0.07612		mg/Kg		76	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-68707-1 MSD

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133179

Prep Batch: 133018

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.07436		mg/Kg		74	70 - 130	6	35
Toluene	<0.00200	U F1	0.100	0.06814	F1	mg/Kg		68	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07406		mg/Kg		74	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.1438		mg/Kg		72	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07156		mg/Kg		72	70 - 130	6	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-133177/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133179

Prep Batch: 133177

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/26/26 21:23	02/27/26 09:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/26/26 21:23	02/27/26 09:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/26/26 21:23	02/27/26 09:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/26/26 21:23	02/27/26 09:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/26/26 21:23	02/27/26 09:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/26/26 21:23	02/27/26 09:53	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130	02/26/26 21:23	02/27/26 09:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130	02/26/26 21:23	02/27/26 09:53	1

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

Lab Sample ID: LCS 880-132858/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133369

Prep Batch: 132858

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	980.0		mg/Kg		98	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-132858/2-A
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	842.7		mg/Kg		84	70 - 130
		LCS	LCS				
Surrogate		%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)		112		70 - 130			
o-Terphenyl (Surr)		94		70 - 130			

Lab Sample ID: LCSD 880-132858/3-A
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132858

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1069		mg/Kg		107	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	871.9		mg/Kg		87	70 - 130	3	20
		LCSD	LCSD						
Surrogate		%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)		117		70 - 130					
o-Terphenyl (Surr)		95		70 - 130					

Lab Sample ID: 880-68706-A-8-B MS
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132858

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	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	849.2		mg/Kg		83	70 - 130
		MS	MS						
Surrogate		%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)		133	S1+	70 - 130					
o-Terphenyl (Surr)		112		70 - 130					

Lab Sample ID: 880-68706-A-8-C MSD
Matrix: Solid
Analysis Batch: 133369

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132858

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	1007		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	924.1		mg/Kg		91	70 - 130	8	20
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)		104		70 - 130							
o-Terphenyl (Surr)		112		70 - 130							

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132990/1-A
 Matrix: Solid
 Analysis Batch: 133077

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/26/26 23:02	1

Lab Sample ID: LCS 880-132990/2-A
 Matrix: Solid
 Analysis Batch: 133077

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.2		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-132990/3-A
 Matrix: Solid
 Analysis Batch: 133077

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.2		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-68706-A-4-C MS
 Matrix: Solid
 Analysis Batch: 133077

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.94	U	249	247.3		mg/Kg		96	90 - 110

Lab Sample ID: 880-68706-A-4-D MSD
 Matrix: Solid
 Analysis Batch: 133077

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.94	U	249	247.4		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 133018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68707-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-68707-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-68707-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-133018/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133018/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-133018/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68707-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68707-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 133177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-133177/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 133179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Total/NA	Solid	8021B	133018
880-68707-2	H-2 (0-0.5')	Total/NA	Solid	8021B	133018
880-68707-3	H-3 (0-0.5')	Total/NA	Solid	8021B	133018
880-68707-4	H-4 (0-0.5')	Total/NA	Solid	8021B	133018
MB 880-133018/5-A	Method Blank	Total/NA	Solid	8021B	133018
MB 880-133177/5-A	Method Blank	Total/NA	Solid	8021B	133177
LCS 880-133018/1-A	Lab Control Sample	Total/NA	Solid	8021B	133018
LCSD 880-133018/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133018
880-68707-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	133018
880-68707-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	133018

Analysis Batch: 133331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68707-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68707-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68707-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68707-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68707-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68707-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
LCS 880-132858/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68706-A-8-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68706-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 133369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	132858
880-68707-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	132858

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 133369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	132858
880-68707-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	132858
LCS 880-132858/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132858
LCSD 880-132858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132858
880-68706-A-8-B MS	Matrix Spike	Total/NA	Solid	8015B NM	132858
880-68706-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	132858

Analysis Batch: 133519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-68707-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-68707-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-68707-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-68707-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-68707-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-68707-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-132990/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132990/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132990/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68706-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68706-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 133077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68707-1	H-1 (0-0.5')	Soluble	Solid	300.0	132990
880-68707-2	H-2 (0-0.5')	Soluble	Solid	300.0	132990
880-68707-3	H-3 (0-0.5')	Soluble	Solid	300.0	132990
880-68707-4	H-4 (0-0.5')	Soluble	Solid	300.0	132990
MB 880-132990/1-A	Method Blank	Soluble	Solid	300.0	132990
LCS 880-132990/2-A	Lab Control Sample	Soluble	Solid	300.0	132990
LCSD 880-132990/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132990
880-68706-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	132990
880-68706-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132990

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68707-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133018	02/25/26 16:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133179	02/27/26 20:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133331	02/27/26 20:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133519	03/02/26 01:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132858	02/24/26 14:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133369	03/02/26 01:46	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/27/26 00:15	CS	EET MID

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

Lab Sample ID: 880-68707-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133018	02/25/26 16:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133179	02/27/26 21:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133331	02/27/26 21:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133519	03/02/26 02:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132858	02/24/26 14:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133369	03/02/26 02:01	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/27/26 00:21	CS	EET MID

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

Lab Sample ID: 880-68707-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133018	02/25/26 16:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133179	02/27/26 21:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133331	02/27/26 21:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133519	03/02/26 02:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132858	02/24/26 14:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133369	03/02/26 02:16	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/27/26 00:26	CS	EET MID

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

Lab Sample ID: 880-68707-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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	133018	02/25/26 16:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133179	02/27/26 21:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133331	02/27/26 21:58	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-68707-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/23/26 17:05

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			133519	03/02/26 02:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132858	02/24/26 14:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133369	03/02/26 02:31	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	132990	02/25/26 13:05	SI	EET MID
Soluble	Analysis	300.0		1			133077	02/27/26 00:32	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
SDG: Eddy 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												
<p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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Method Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
 SDG: Eddy 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: Pardue D 8808 LV-P #002

Job ID: 880-68707-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68707-1	H-1 (0-0.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68707-2	H-2 (0-0.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68707-3	H-3 (0-0.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico
880-68707-4	H-4 (0-0.5')	Solid	02/23/26 00:00	02/23/26 17:05	New Mexico

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68707-1
SDG Number: Eddy County, New Mexico

Login Number: 68707
List Number: 1
Creator: Juarez, Leticia

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701
 Generated 5/6/2026 7:43:06 PM

JOB DESCRIPTION

Pardue D 8808 JV-P #002
 Eddy County New Mexico

JOB NUMBER

880-71900-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
5/6/2026 7:43:06 PM

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

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Laboratory Job ID: 880-71900-1
SDG: Eddy County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Pardue D 8808 JV-P #002

Job ID: 880-71900-1

Job ID: 880-71900-1

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Job Narrative 880-71900-1

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 5/5/2026 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-2 (0-1.0') (880-71900-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-71909-A-1-C MS). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-140003 and analytical batch 880-140001 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-140011 and analytical batch 880-140025 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-71900-A-1-B MS) and (880-71900-A-1-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-71900-1

Date Collected: 04/22/26 03:15

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:43	05/06/26 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:43	05/06/26 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:43	05/06/26 14:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/06/26 08:43	05/06/26 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:43	05/06/26 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/26 08:43	05/06/26 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	05/06/26 08:43	05/06/26 14:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/06/26 08:43	05/06/26 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/06/26 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 10:13	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 F1	50.1		mg/Kg		05/06/26 09:07	05/06/26 10:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		05/06/26 09:07	05/06/26 10:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 10:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130	05/06/26 09:07	05/06/26 10:13	1
o-Terphenyl (Surr)	76		70 - 130	05/06/26 09:07	05/06/26 10:13	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			05/06/26 11:32	1

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71900-2

Date Collected: 04/22/26 03:16

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:43	05/06/26 14:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 14:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 14:38	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/06/26 08:43	05/06/26 14:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 14:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/06/26 08:43	05/06/26 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/06/26 08:43	05/06/26 14:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/06/26 08:43	05/06/26 14:38	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71900-2

Date Collected: 04/22/26 03:16

Matrix: Solid

Date Received: 05/05/26 15:05

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			05/06/26 14:38	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			05/06/26 10:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 10:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 10:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 10:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	05/06/26 09:07	05/06/26 10:57	1
o-Terphenyl (Surr)	121		70 - 130	05/06/26 09:07	05/06/26 10:57	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			05/06/26 11:47	1

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-71900-3

Date Collected: 04/22/26 03:17

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:43	05/06/26 16:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/26 08:43	05/06/26 16:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/26 08:43	05/06/26 16:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/06/26 08:43	05/06/26 16:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/26 08:43	05/06/26 16:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/26 08:43	05/06/26 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/06/26 08:43	05/06/26 16:11	1
1,4-Difluorobenzene (Surr)	107		70 - 130	05/06/26 08:43	05/06/26 16:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/06/26 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 11:11	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	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 11:11	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 11:11	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-71900-3

Date Collected: 04/22/26 03:17

Matrix: Solid

Date Received: 05/05/26 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				05/06/26 09:07	05/06/26 11:11	1
o-Terphenyl (Surr)	80		70 - 130				05/06/26 09:07	05/06/26 11:11	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			05/06/26 11:52	1

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-71900-4

Date Collected: 04/22/26 03:18

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:43	05/06/26 16:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/26 08:43	05/06/26 16:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/26 08:43	05/06/26 16:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/06/26 08:43	05/06/26 16:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/26 08:43	05/06/26 16:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/06/26 08:43	05/06/26 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				05/06/26 08:43	05/06/26 16:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/06/26 08:43	05/06/26 16:32	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			05/06/26 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 11:27	1

Method: SW846 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		05/06/26 09:07	05/06/26 11:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 11:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 11:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				05/06/26 09:07	05/06/26 11:27	1
o-Terphenyl (Surr)	86		70 - 130				05/06/26 09:07	05/06/26 11:27	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			05/06/26 11:57	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-71900-5

Date Collected: 04/22/26 03:19

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:43	05/06/26 16:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:43	05/06/26 16:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:43	05/06/26 16:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/06/26 08:43	05/06/26 16:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:43	05/06/26 16:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/26 08:43	05/06/26 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	05/06/26 08:43	05/06/26 16:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/06/26 08:43	05/06/26 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/06/26 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/06/26 12:10	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	<50.2	U	50.2		mg/Kg		05/06/26 09:07	05/06/26 12:10	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/06/26 09:07	05/06/26 12:10	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/06/26 09:07	05/06/26 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	05/06/26 09:07	05/06/26 12:10	1
o-Terphenyl (Surr)	91		70 - 130	05/06/26 09:07	05/06/26 12:10	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			05/06/26 12:03	1

Client Sample ID: BH-2 (6.0')

Lab Sample ID: 880-71900-6

Date Collected: 04/22/26 03:20

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:40	05/06/26 16:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 16:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 16:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/06/26 08:40	05/06/26 16:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 16:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/26 08:40	05/06/26 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/06/26 08:40	05/06/26 16:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/06/26 08:40	05/06/26 16:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (6.0')

Lab Sample ID: 880-71900-6

Date Collected: 04/22/26 03:20

Matrix: Solid

Date Received: 05/05/26 15:05

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			05/06/26 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 12:24	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	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 12:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 12:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				05/06/26 09:07	05/06/26 12:24	1
o-Terphenyl (Surr)	97		70 - 130				05/06/26 09:07	05/06/26 12:24	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			05/06/26 12:18	1

Client Sample ID: BH-2 (7.0')

Lab Sample ID: 880-71900-7

Date Collected: 04/22/26 03:21

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:40	05/06/26 16:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:40	05/06/26 16:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:40	05/06/26 16:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/06/26 08:40	05/06/26 16:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/26 08:40	05/06/26 16:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/26 08:40	05/06/26 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/06/26 08:40	05/06/26 16:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/06/26 08:40	05/06/26 16:56	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			05/06/26 16:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 12:57	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 12:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (7.0')

Lab Sample ID: 880-71900-7

Date Collected: 04/22/26 03:21

Matrix: Solid

Date Received: 05/05/26 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				05/06/26 09:07	05/06/26 12:57	1
o-Terphenyl (Surr)	96		70 - 130				05/06/26 09:07	05/06/26 12:57	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			05/06/26 12:23	1

Client Sample ID: BH-2 (8.0')

Lab Sample ID: 880-71900-8

Date Collected: 04/22/26 03:22

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:40	05/06/26 17:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 17:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 17:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/06/26 08:40	05/06/26 17:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 17:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/06/26 08:40	05/06/26 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				05/06/26 08:40	05/06/26 17:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/06/26 08:40	05/06/26 17:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/06/26 17:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/06/26 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/06/26 09:07	05/06/26 13:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/06/26 09:07	05/06/26 13:15	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/06/26 09:07	05/06/26 13:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				05/06/26 09:07	05/06/26 13:15	1
o-Terphenyl (Surr)	100		70 - 130				05/06/26 09:07	05/06/26 13:15	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			05/06/26 12:28	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (9.0')

Lab Sample ID: 880-71900-9

Date Collected: 04/22/26 03:23

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:40	05/06/26 18:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/26 08:40	05/06/26 18:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/26 08:40	05/06/26 18:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/06/26 08:40	05/06/26 18:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/26 08:40	05/06/26 18:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/26 08:40	05/06/26 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/06/26 08:40	05/06/26 18:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/06/26 08:40	05/06/26 18:41	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			05/06/26 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 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	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 13:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 13:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	05/06/26 09:07	05/06/26 13:29	1
o-Terphenyl (Surr)	101		70 - 130	05/06/26 09:07	05/06/26 13:29	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			05/06/26 12:33	1

Client Sample ID: BH-2 (10.0')

Lab Sample ID: 880-71900-10

Date Collected: 04/22/26 03:24

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 08:40	05/06/26 19:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/26 08:40	05/06/26 19:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/26 08:40	05/06/26 19:01	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/06/26 08:40	05/06/26 19:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/26 08:40	05/06/26 19:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/06/26 08:40	05/06/26 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/06/26 08:40	05/06/26 19:01	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/06/26 08:40	05/06/26 19:01	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (10.0')

Lab Sample ID: 880-71900-10

Date Collected: 04/22/26 03:24

Matrix: Solid

Date Received: 05/05/26 15:05

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			05/06/26 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/06/26 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/06/26 09:07	05/06/26 13:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/06/26 09:07	05/06/26 13:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/06/26 09:07	05/06/26 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	05/06/26 09:07	05/06/26 13:43	1
o-Terphenyl (Surr)	99		70 - 130	05/06/26 09:07	05/06/26 13:43	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			05/06/26 12:39	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71900-1	BH-2 (0-1.0')	66 S1-	93
880-71900-2	BH-2 (2.0')	94	95
880-71900-3	BH-2 (3.0')	113	107
880-71900-4	BH-2 (4.0')	90	97
880-71900-5	BH-2 (5.0')	90	97
880-71900-6	BH-2 (6.0')	104	98
880-71900-7	BH-2 (7.0')	110	98
880-71900-8	BH-2 (8.0')	106	99
880-71900-9	BH-2 (9.0')	102	99
880-71900-10	BH-2 (10.0')	106	97
880-71906-A-1-E MS	Matrix Spike	96	100
880-71906-A-1-F MSD	Matrix Spike Duplicate	98	100
880-71909-A-1-C MS	Matrix Spike	105	198 S1+
880-71909-A-1-D MSD	Matrix Spike Duplicate	100	103
LCS 880-140003/1-A	Lab Control Sample	103	96
LCS 880-140005/1-A	Lab Control Sample	82	106
LCSD 880-140003/2-A	Lab Control Sample Dup	102	95
LCSD 880-140005/2-A	Lab Control Sample Dup	99	97
MB 880-140003/5-A	Method Blank	103	95
MB 880-140005/5-A	Method Blank	106	89

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)
880-71900-1	BH-2 (0-1.0')	72	76
880-71900-1 MS	BH-2 (0-1.0')	64 S1-	60 S1-
880-71900-1 MSD	BH-2 (0-1.0')	65 S1-	61 S1-
880-71900-2	BH-2 (2.0')	113	121
880-71900-3	BH-2 (3.0')	72	80
880-71900-4	BH-2 (4.0')	81	86
880-71900-5	BH-2 (5.0')	87	91
880-71900-6	BH-2 (6.0')	92	97
880-71900-7	BH-2 (7.0')	94	96
880-71900-8	BH-2 (8.0')	90	100
880-71900-9	BH-2 (9.0')	95	101
880-71900-10	BH-2 (10.0')	99	99
LCS 880-140011/2-A	Lab Control Sample	103	90
LCSD 880-140011/3-A	Lab Control Sample Dup	104	91
MB 880-140011/1-A	Method Blank	84	84

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-140003/5-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140003

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:40	05/06/26 13:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/26 08:40	05/06/26 13:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/06/26 08:40	05/06/26 13:48	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/06/26 08:40	05/06/26 13:48	1

Lab Sample ID: LCS 880-140003/1-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 140003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1082		mg/Kg		108	70 - 130
Toluene	0.100	0.1088		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1046		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2071		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-140003/2-A
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 140003

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09845		mg/Kg		98	70 - 130	9	35
Toluene	0.100	0.09690		mg/Kg		97	70 - 130	12	35
Ethylbenzene	0.100	0.09301		mg/Kg		93	70 - 130	12	35
m,p-Xylenes	0.200	0.1868		mg/Kg		93	70 - 130	10	35
o-Xylene	0.100	0.09540		mg/Kg		95	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-71909-A-1-C MS
 Matrix: Solid
 Analysis Batch: 140001

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 140003

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.1398	F1	mg/Kg		140	70 - 130
Toluene	<0.00200	U	0.100	0.08573		mg/Kg		86	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-71909-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140001

Prep Batch: 140003

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.08750		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1646		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.100	0.08335		mg/Kg		83	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	198	S1+	70 - 130

Lab Sample ID: 880-71909-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140001

Prep Batch: 140003

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U F1	0.100	0.1074		mg/Kg		107	70 - 130	26	35
Toluene	<0.00200	U	0.100	0.1037		mg/Kg		104	70 - 130	19	35
Ethylbenzene	<0.00200	U	0.100	0.09877		mg/Kg		99	70 - 130	12	35
m,p-Xylenes	<0.00399	U	0.200	0.1995		mg/Kg		100	70 - 130	19	35
o-Xylene	<0.00200	U	0.100	0.1017		mg/Kg		102	70 - 130	20	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-140005/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140000

Prep Batch: 140005

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 11:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 11:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 11:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/06/26 08:43	05/06/26 11:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 08:43	05/06/26 11:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/26 08:43	05/06/26 11:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		70 - 130	05/06/26 08:43	05/06/26 11:12	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/06/26 08:43	05/06/26 11:12	1

Lab Sample ID: LCS 880-140005/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140000

Prep Batch: 140005

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1023		mg/Kg		102	70 - 130
Toluene	0.100	0.09290		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09003		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1768		mg/Kg		88	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-140005/1-A
Matrix: Solid
Analysis Batch: 140000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08774		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-140005/2-A
Matrix: Solid
Analysis Batch: 140000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 140005

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09193		mg/Kg		92	70 - 130	11	35
Toluene	0.100	0.1009		mg/Kg		101	70 - 130	8	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130	16	35
m,p-Xylenes	0.200	0.2179		mg/Kg		109	70 - 130	21	35
o-Xylene	0.100	0.1072		mg/Kg		107	70 - 130	20	35

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

Lab Sample ID: 880-71906-A-1-E MS
Matrix: Solid
Analysis Batch: 140000

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 140005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08883		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.08953		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09403		mg/Kg		94	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1894		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.100	0.09328		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-71906-A-1-F MSD
Matrix: Solid
Analysis Batch: 140000

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 140005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08803		mg/Kg		88	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09268		mg/Kg		93	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.09789		mg/Kg		98	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.1975		mg/Kg		99	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09702		mg/Kg		97	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-71906-A-1-F MSD
 Matrix: Solid
 Analysis Batch: 140000

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 140005

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

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

Lab Sample ID: MB 880-140011/1-A
 Matrix: Solid
 Analysis Batch: 140025

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140011

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 05:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 05:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 05:50	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	84		70 - 130	05/06/26 09:07	05/06/26 05:50	1
o-Terphenyl (Surr)	84		70 - 130	05/06/26 09:07	05/06/26 05:50	1

Lab Sample ID: LCS 880-140011/2-A
 Matrix: Solid
 Analysis Batch: 140025

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 140011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-140011/3-A
 Matrix: Solid
 Analysis Batch: 140025

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 140011

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1003		mg/Kg		100	70 - 130	0	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	91		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-71900-1 MS
 Matrix: Solid
 Analysis Batch: 140025

Client Sample ID: BH-2 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 140011

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	613.4	F1	mg/Kg		61		70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	693.5	F1	mg/Kg		67		70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane (Surr)	64	S1-	70 - 130							
o-Terphenyl (Surr)	60	S1-	70 - 130							

Lab Sample ID: 880-71900-1 MSD
 Matrix: Solid
 Analysis Batch: 140025

Client Sample ID: BH-2 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 140011

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	641.0	F1	mg/Kg		64		70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	701.3	F1	mg/Kg		67		70 - 130	1	20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD							
1-Chlorooctane (Surr)	65	S1-	70 - 130									
o-Terphenyl (Surr)	61	S1-	70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140018/1-A
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			05/06/26 11:16	1

Lab Sample ID: LCS 880-140018/2-A
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	229.2		mg/Kg		92		90 - 110

Lab Sample ID: LCSD 880-140018/3-A
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Chloride	250	235.5		mg/Kg		94		90 - 110	3	20

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-71900-1 MS
Matrix: Solid
Analysis Batch: 140023

Client Sample ID: BH-2 (0-1.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	259.8		mg/Kg		102	90 - 110

Lab Sample ID: 880-71900-1 MSD
Matrix: Solid
Analysis Batch: 140023

Client Sample ID: BH-2 (0-1.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	267.4		mg/Kg		105	90 - 110	3	20

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

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 140000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Total/NA	Solid	8021B	140005
880-71900-2	BH-2 (2.0')	Total/NA	Solid	8021B	140005
880-71900-3	BH-2 (3.0')	Total/NA	Solid	8021B	140005
880-71900-4	BH-2 (4.0')	Total/NA	Solid	8021B	140005
880-71900-5	BH-2 (5.0')	Total/NA	Solid	8021B	140005
MB 880-140005/5-A	Method Blank	Total/NA	Solid	8021B	140005
LCS 880-140005/1-A	Lab Control Sample	Total/NA	Solid	8021B	140005
LCSD 880-140005/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140005
880-71906-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	140005
880-71906-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140005

Analysis Batch: 140001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-6	BH-2 (6.0')	Total/NA	Solid	8021B	140003
880-71900-7	BH-2 (7.0')	Total/NA	Solid	8021B	140003
880-71900-8	BH-2 (8.0')	Total/NA	Solid	8021B	140003
880-71900-9	BH-2 (9.0')	Total/NA	Solid	8021B	140003
880-71900-10	BH-2 (10.0')	Total/NA	Solid	8021B	140003
MB 880-140003/5-A	Method Blank	Total/NA	Solid	8021B	140003
LCS 880-140003/1-A	Lab Control Sample	Total/NA	Solid	8021B	140003
LCSD 880-140003/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140003
880-71909-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	140003
880-71909-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140003

Prep Batch: 140003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-6	BH-2 (6.0')	Total/NA	Solid	5035	
880-71900-7	BH-2 (7.0')	Total/NA	Solid	5035	
880-71900-8	BH-2 (8.0')	Total/NA	Solid	5035	
880-71900-9	BH-2 (9.0')	Total/NA	Solid	5035	
880-71900-10	BH-2 (10.0')	Total/NA	Solid	5035	
MB 880-140003/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140003/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140003/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71909-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-71909-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 140005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Total/NA	Solid	5035	
880-71900-2	BH-2 (2.0')	Total/NA	Solid	5035	
880-71900-3	BH-2 (3.0')	Total/NA	Solid	5035	
880-71900-4	BH-2 (4.0')	Total/NA	Solid	5035	
880-71900-5	BH-2 (5.0')	Total/NA	Solid	5035	
MB 880-140005/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140005/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140005/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71906-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-71906-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 140089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-71900-2	BH-2 (2.0')	Total/NA	Solid	Total BTEX	
880-71900-3	BH-2 (3.0')	Total/NA	Solid	Total BTEX	
880-71900-4	BH-2 (4.0')	Total/NA	Solid	Total BTEX	
880-71900-5	BH-2 (5.0')	Total/NA	Solid	Total BTEX	
880-71900-6	BH-2 (6.0')	Total/NA	Solid	Total BTEX	
880-71900-7	BH-2 (7.0')	Total/NA	Solid	Total BTEX	
880-71900-8	BH-2 (8.0')	Total/NA	Solid	Total BTEX	
880-71900-9	BH-2 (9.0')	Total/NA	Solid	Total BTEX	
880-71900-10	BH-2 (10.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 140011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71900-2	BH-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-71900-3	BH-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-71900-4	BH-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-71900-5	BH-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-71900-6	BH-2 (6.0')	Total/NA	Solid	8015NM Prep	
880-71900-7	BH-2 (7.0')	Total/NA	Solid	8015NM Prep	
880-71900-8	BH-2 (8.0')	Total/NA	Solid	8015NM Prep	
880-71900-9	BH-2 (9.0')	Total/NA	Solid	8015NM Prep	
880-71900-10	BH-2 (10.0')	Total/NA	Solid	8015NM Prep	
MB 880-140011/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140011/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140011/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71900-1 MS	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71900-1 MSD	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	140011
880-71900-2	BH-2 (2.0')	Total/NA	Solid	8015B NM	140011
880-71900-3	BH-2 (3.0')	Total/NA	Solid	8015B NM	140011
880-71900-4	BH-2 (4.0')	Total/NA	Solid	8015B NM	140011
880-71900-5	BH-2 (5.0')	Total/NA	Solid	8015B NM	140011
880-71900-6	BH-2 (6.0')	Total/NA	Solid	8015B NM	140011
880-71900-7	BH-2 (7.0')	Total/NA	Solid	8015B NM	140011
880-71900-8	BH-2 (8.0')	Total/NA	Solid	8015B NM	140011
880-71900-9	BH-2 (9.0')	Total/NA	Solid	8015B NM	140011
880-71900-10	BH-2 (10.0')	Total/NA	Solid	8015B NM	140011
MB 880-140011/1-A	Method Blank	Total/NA	Solid	8015B NM	140011
LCS 880-140011/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140011
LCSD 880-140011/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140011
880-71900-1 MS	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	140011
880-71900-1 MSD	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	140011

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QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

GC Semi VOA

Analysis Batch: 140102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-71900-2	BH-2 (2.0')	Total/NA	Solid	8015 NM	
880-71900-3	BH-2 (3.0')	Total/NA	Solid	8015 NM	
880-71900-4	BH-2 (4.0')	Total/NA	Solid	8015 NM	
880-71900-5	BH-2 (5.0')	Total/NA	Solid	8015 NM	
880-71900-6	BH-2 (6.0')	Total/NA	Solid	8015 NM	
880-71900-7	BH-2 (7.0')	Total/NA	Solid	8015 NM	
880-71900-8	BH-2 (8.0')	Total/NA	Solid	8015 NM	
880-71900-9	BH-2 (9.0')	Total/NA	Solid	8015 NM	
880-71900-10	BH-2 (10.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 140018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Soluble	Solid	DI Leach	
880-71900-2	BH-2 (2.0')	Soluble	Solid	DI Leach	
880-71900-3	BH-2 (3.0')	Soluble	Solid	DI Leach	
880-71900-4	BH-2 (4.0')	Soluble	Solid	DI Leach	
880-71900-5	BH-2 (5.0')	Soluble	Solid	DI Leach	
880-71900-6	BH-2 (6.0')	Soluble	Solid	DI Leach	
880-71900-7	BH-2 (7.0')	Soluble	Solid	DI Leach	
880-71900-8	BH-2 (8.0')	Soluble	Solid	DI Leach	
880-71900-9	BH-2 (9.0')	Soluble	Solid	DI Leach	
880-71900-10	BH-2 (10.0')	Soluble	Solid	DI Leach	
MB 880-140018/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140018/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140018/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71900-1 MS	BH-2 (0-1.0')	Soluble	Solid	DI Leach	
880-71900-1 MSD	BH-2 (0-1.0')	Soluble	Solid	DI Leach	

Analysis Batch: 140023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71900-1	BH-2 (0-1.0')	Soluble	Solid	300.0	140018
880-71900-2	BH-2 (2.0')	Soluble	Solid	300.0	140018
880-71900-3	BH-2 (3.0')	Soluble	Solid	300.0	140018
880-71900-4	BH-2 (4.0')	Soluble	Solid	300.0	140018
880-71900-5	BH-2 (5.0')	Soluble	Solid	300.0	140018
880-71900-6	BH-2 (6.0')	Soluble	Solid	300.0	140018
880-71900-7	BH-2 (7.0')	Soluble	Solid	300.0	140018
880-71900-8	BH-2 (8.0')	Soluble	Solid	300.0	140018
880-71900-9	BH-2 (9.0')	Soluble	Solid	300.0	140018
880-71900-10	BH-2 (10.0')	Soluble	Solid	300.0	140018
MB 880-140018/1-A	Method Blank	Soluble	Solid	300.0	140018
LCS 880-140018/2-A	Lab Control Sample	Soluble	Solid	300.0	140018
LCSD 880-140018/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140018
880-71900-1 MS	BH-2 (0-1.0')	Soluble	Solid	300.0	140018
880-71900-1 MSD	BH-2 (0-1.0')	Soluble	Solid	300.0	140018

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-71900-1

Date Collected: 04/22/26 03:15

Matrix: Solid

Date Received: 05/05/26 15:05

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	140005	05/06/26 08:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/06/26 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 14:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 10:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 10:13	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 11:32	CS	EET MID

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71900-2

Date Collected: 04/22/26 03:16

Matrix: Solid

Date Received: 05/05/26 15:05

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	140005	05/06/26 08:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/06/26 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 14:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 10:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 10:57	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 11:47	CS	EET MID

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-71900-3

Date Collected: 04/22/26 03:17

Matrix: Solid

Date Received: 05/05/26 15:05

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	140005	05/06/26 08:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/06/26 16:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 16:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 11:11	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 11:11	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 11:52	CS	EET MID

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-71900-4

Date Collected: 04/22/26 03:18

Matrix: Solid

Date Received: 05/05/26 15:05

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	140005	05/06/26 08:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/06/26 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 16:32	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-71900-4

Date Collected: 04/22/26 03:18

Matrix: Solid

Date Received: 05/05/26 15:05

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			140102	05/06/26 11:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 11:27	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 11:57	CS	EET MID

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-71900-5

Date Collected: 04/22/26 03:19

Matrix: Solid

Date Received: 05/05/26 15:05

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	140005	05/06/26 08:43	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140000	05/06/26 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 16:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 12:10	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 12:10	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:03	CS	EET MID

Client Sample ID: BH-2 (6.0')

Lab Sample ID: 880-71900-6

Date Collected: 04/22/26 03:20

Matrix: Solid

Date Received: 05/05/26 15:05

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	140003	05/06/26 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/06/26 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 16:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 12:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 12:24	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:18	CS	EET MID

Client Sample ID: BH-2 (7.0')

Lab Sample ID: 880-71900-7

Date Collected: 04/22/26 03:21

Matrix: Solid

Date Received: 05/05/26 15:05

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	140003	05/06/26 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/06/26 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 16:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 12:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 12:57	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
 SDG: Eddy County New Mexico

Client Sample ID: BH-2 (7.0')

Lab Sample ID: 880-71900-7

Date Collected: 04/22/26 03:21

Matrix: Solid

Date Received: 05/05/26 15:05

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	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:23	CS	EET MID

Client Sample ID: BH-2 (8.0')

Lab Sample ID: 880-71900-8

Date Collected: 04/22/26 03:22

Matrix: Solid

Date Received: 05/05/26 15:05

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	140003	05/06/26 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/06/26 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 17:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 13:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 13:15	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:28	CS	EET MID

Client Sample ID: BH-2 (9.0')

Lab Sample ID: 880-71900-9

Date Collected: 04/22/26 03:23

Matrix: Solid

Date Received: 05/05/26 15:05

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	140003	05/06/26 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/06/26 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 18:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 13:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 13:29	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:33	CS	EET MID

Client Sample ID: BH-2 (10.0')

Lab Sample ID: 880-71900-10

Date Collected: 04/22/26 03:24

Matrix: Solid

Date Received: 05/05/26 15:05

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	140003	05/06/26 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140001	05/06/26 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140089	05/06/26 19:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			140102	05/06/26 13:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 13:43	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:39	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
SDG: Eddy County New Mexico

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
SDG: Eddy 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												
<p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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Method Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
SDG: Eddy 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: Pardue D 8808 JV-P #002

Job ID: 880-71900-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71900-1	BH-2 (0-1.0')	Solid	04/22/26 03:15	05/05/26 15:05	New Mexico
880-71900-2	BH-2 (2.0')	Solid	04/22/26 03:16	05/05/26 15:05	New Mexico
880-71900-3	BH-2 (3.0')	Solid	04/22/26 03:17	05/05/26 15:05	New Mexico
880-71900-4	BH-2 (4.0')	Solid	04/22/26 03:18	05/05/26 15:05	New Mexico
880-71900-5	BH-2 (5.0')	Solid	04/22/26 03:19	05/05/26 15:05	New Mexico
880-71900-6	BH-2 (6.0')	Solid	04/22/26 03:20	05/05/26 15:05	New Mexico
880-71900-7	BH-2 (7.0')	Solid	04/22/26 03:21	05/05/26 15:05	New Mexico
880-71900-8	BH-2 (8.0')	Solid	04/22/26 03:22	05/05/26 15:05	New Mexico
880-71900-9	BH-2 (9.0')	Solid	04/22/26 03:23	05/05/26 15:05	New Mexico
880-71900-10	BH-2 (10.0')	Solid	04/22/26 03:24	05/05/26 15:05	New Mexico

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Chain of Custody



880-71900 Chain of Custody

Project Manager:	Ashon Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500 Midland, TX 79701	Address:	
City, State Zip:	Midland, TX 79701	City, State Zip:	
Phone:	432-813-8988	Email:	ThielkeA@carmonaresources.com

Project Name:	Partue D 8808 JV-P #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	3162	Due Date:	Standard	Parameters	
Project Location:	Eddy County, New Mexico	Wet Ice:	(Yes) No	BTEX 8021B	
Sampler's Name:	JDC	Thermometer ID:	TR5	TPH 8015M (GRO + DRO + MRO)	
PO #:		Correction Factor:	4.9	Chloride 300.0	
SAMPLE RECEIPT	Temp Blank:	Temperature Reading:	5.0		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
BH-2 (0-1.0')	4/22/2026	3:15	X		G	1	X X X	None: NO DI Water: H ₂ O
BH-2 (2.0')	4/22/2026	3:16	X		G	1	X X X	Cool: Cool MeOH: Me
BH-2 (3.0')	4/22/2026	3:17	X		G	1	X X X	HCL: HC HNO ₃ : HN
BH-2 (4.0')	4/22/2026	3:18	X		G	1	X X X	H ₂ SO ₄ : H ₂ NaOH: Na
BH-2 (5.0')	4/22/2026	3:19	X		G	1	X X X	H ₃ PO ₄ : HP NaHSO ₄ : NABIS
BH-2 (6.0')	4/22/2026	3:20	X		G	1	X X X	Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn
BH-2 (7.0')	4/22/2026	3:21	X		G	1	X X X	NaOH+Ascorbic Acid: SABC
BH-2 (8.0')	4/22/2026	3:22	X		G	1	X X X	
BH-2 (9.0')	4/22/2026	3:23	X		G	1	X X X	
BH-2 (10')	4/22/2026	3:24	X		G	1	X X X	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5.5.26 1505		5.5.26 1700

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71900-1
SDG Number: Eddy County New Mexico

Login Number: 71900
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701
 Generated 5/6/2026 6:23:15 PM

JOB DESCRIPTION

Pardue D 8808 JV-P #002
 3162

JOB NUMBER

880-71904-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
5/6/2026 6:23:15 PM

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

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Laboratory Job ID: 880-71904-1
SDG: 3162

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

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, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Pardue D 8808 JV-P #002

Job ID: 880-71904-1

Job ID: 880-71904-1

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Job Narrative 880-71904-1

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 5/5/2026 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139920 and analytical batch 880-140030 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139920 and analytical batch 880-140030 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH-1 (2.0') (880-71904-2), BH-1 (3.0') (880-71904-3), BH-1 (4.0') (880-71904-4), BH-1 (6.0') (880-71904-6), BH-1 (7.0') (880-71904-7), BH-1 (8.0') (880-71904-8), BH-1 (9.0') (880-71904-9) and BH-1 (10.0') (880-71904-10). 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.

Diesel Range Organics

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-140011 and analytical batch 880-140025 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-71900-A-1-B MS) and (880-71900-A-1-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

Client Sample ID: BH-1 (0-1.0')

Lab Sample ID: 880-71904-1

Date Collected: 04/22/26 03:00

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 13:57	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:57	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:57	1
m,p-Xylenes	<0.00399	U F2 F1	0.00399		mg/Kg		05/06/26 10:26	05/06/26 13:57	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:57	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		05/06/26 10:26	05/06/26 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/06/26 10:26	05/06/26 13:57	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/06/26 10:26	05/06/26 13:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/06/26 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			05/06/26 14:12	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	<50.4	U	50.4		mg/Kg		05/06/26 09:07	05/06/26 14:12	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		05/06/26 09:07	05/06/26 14:12	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		05/06/26 09:07	05/06/26 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130	05/06/26 09:07	05/06/26 14:12	1
o-Terphenyl (Surr)	80		70 - 130	05/06/26 09:07	05/06/26 14:12	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			05/06/26 12:44	1

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-71904-2

Date Collected: 04/22/26 03:01

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 14:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/26 10:26	05/06/26 14:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/26 10:26	05/06/26 14:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/06/26 10:26	05/06/26 14:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/26 10:26	05/06/26 14:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/26 10:26	05/06/26 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	05/06/26 10:26	05/06/26 14:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/06/26 10:26	05/06/26 14:18	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-71904-2

Date Collected: 04/22/26 03:01

Matrix: Solid

Date Received: 05/05/26 15:05

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			05/06/26 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 14:26	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		05/06/26 09:07	05/06/26 14:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 14:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				05/06/26 09:07	05/06/26 14:26	1
o-Terphenyl (Surr)	75		70 - 130				05/06/26 09:07	05/06/26 14:26	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			05/06/26 12:59	1

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-71904-3

Date Collected: 04/22/26 03:02

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 14:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/26 10:26	05/06/26 14:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/26 10:26	05/06/26 14:38	1
m,p-Xylenes	0.00414		0.00404		mg/Kg		05/06/26 10:26	05/06/26 14:38	1
o-Xylene	0.00217		0.00202		mg/Kg		05/06/26 10:26	05/06/26 14:38	1
Xylenes, Total	0.00631		0.00404		mg/Kg		05/06/26 10:26	05/06/26 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	285	S1+	70 - 130				05/06/26 10:26	05/06/26 14:38	1
1,4-Difluorobenzene (Surr)	71		70 - 130				05/06/26 10:26	05/06/26 14:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00631		0.00404		mg/Kg			05/06/26 14:38	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			05/06/26 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 14:40	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-71904-3

Date Collected: 04/22/26 03:02

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 09:07	05/06/26 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				05/06/26 09:07	05/06/26 14:40	1
o-Terphenyl (Surr)	85		70 - 130				05/06/26 09:07	05/06/26 14:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			05/06/26 13:04	1

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71904-4

Date Collected: 04/22/26 03:03

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/26 10:26	05/06/26 14:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/26 10:26	05/06/26 14:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/06/26 10:26	05/06/26 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/26 10:26	05/06/26 14:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/26 10:26	05/06/26 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				05/06/26 10:26	05/06/26 14:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130				05/06/26 10:26	05/06/26 14:58	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			05/06/26 14:58	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			05/06/26 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 14:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 14:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				05/06/26 09:07	05/06/26 14:55	1
o-Terphenyl (Surr)	95		70 - 130				05/06/26 09:07	05/06/26 14:55	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			05/06/26 13:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-71904-5

Date Collected: 04/22/26 03:04

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 15:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 15:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 15:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/06/26 10:26	05/06/26 15:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 15:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/06/26 10:26	05/06/26 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	05/06/26 10:26	05/06/26 15:19	1
1,4-Difluorobenzene (Surr)	82		70 - 130	05/06/26 10:26	05/06/26 15:19	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			05/06/26 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 15:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 15:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	05/06/26 09:07	05/06/26 15:09	1
o-Terphenyl (Surr)	95		70 - 130	05/06/26 09:07	05/06/26 15:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			05/06/26 13:25	1

Client Sample ID: BH-1 (6.0')

Lab Sample ID: 880-71904-6

Date Collected: 04/22/26 03:05

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 15:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/26 10:26	05/06/26 15:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/26 10:26	05/06/26 15:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/06/26 10:26	05/06/26 15:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/26 10:26	05/06/26 15:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/26 10:26	05/06/26 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	05/06/26 10:26	05/06/26 15:39	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/06/26 10:26	05/06/26 15:39	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (6.0')

Lab Sample ID: 880-71904-6

Date Collected: 04/22/26 03:05

Matrix: Solid

Date Received: 05/05/26 15:05

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			05/06/26 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/06/26 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/06/26 09:07	05/06/26 15:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/06/26 09:07	05/06/26 15:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/06/26 09:07	05/06/26 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				05/06/26 09:07	05/06/26 15:24	1
o-Terphenyl (Surr)	94		70 - 130				05/06/26 09:07	05/06/26 15:24	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			05/06/26 13:30	1

Client Sample ID: BH-1 (7.0')

Lab Sample ID: 880-71904-7

Date Collected: 04/22/26 03:06

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 16:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/26 10:26	05/06/26 16:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/26 10:26	05/06/26 16:00	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/06/26 10:26	05/06/26 16:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/26 10:26	05/06/26 16:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/26 10:26	05/06/26 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				05/06/26 10:26	05/06/26 16:00	1
1,4-Difluorobenzene (Surr)	87		70 - 130				05/06/26 10:26	05/06/26 16:00	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			05/06/26 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 15:38	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	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 15:38	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 15:38	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (7.0')

Lab Sample ID: 880-71904-7

Date Collected: 04/22/26 03:06

Matrix: Solid

Date Received: 05/05/26 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 15:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				05/06/26 09:07	05/06/26 15:38	1
o-Terphenyl (Surr)	87		70 - 130				05/06/26 09:07	05/06/26 15:38	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			05/06/26 13:35	1

Client Sample ID: BH-1 (8.0')

Lab Sample ID: 880-71904-8

Date Collected: 04/22/26 03:07

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 16:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/26 10:26	05/06/26 16:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/26 10:26	05/06/26 16:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/06/26 10:26	05/06/26 16:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/26 10:26	05/06/26 16:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/26 10:26	05/06/26 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				05/06/26 10:26	05/06/26 16:20	1
1,4-Difluorobenzene (Surr)	103		70 - 130				05/06/26 10:26	05/06/26 16:20	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			05/06/26 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/06/26 15:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 15:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 15:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/06/26 09:07	05/06/26 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				05/06/26 09:07	05/06/26 15:53	1
o-Terphenyl (Surr)	88		70 - 130				05/06/26 09:07	05/06/26 15:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			05/06/26 13:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

Client Sample ID: BH-1 (9.0')

Lab Sample ID: 880-71904-9

Date Collected: 04/22/26 03:08

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 16:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/26 10:26	05/06/26 16:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/26 10:26	05/06/26 16:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/06/26 10:26	05/06/26 16:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/26 10:26	05/06/26 16:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/06/26 10:26	05/06/26 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	05/06/26 10:26	05/06/26 16:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/06/26 10:26	05/06/26 16:41	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			05/06/26 16:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/06/26 16:07	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	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 16:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 16:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/06/26 09:07	05/06/26 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	05/06/26 09:07	05/06/26 16:07	1
o-Terphenyl (Surr)	94		70 - 130	05/06/26 09:07	05/06/26 16:07	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			05/06/26 13:46	1

Client Sample ID: BH-1 (10.0')

Lab Sample ID: 880-71904-10

Date Collected: 04/22/26 03:09

Matrix: Solid

Date Received: 05/05/26 15:05

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		05/06/26 10:26	05/06/26 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 17:01	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/06/26 10:26	05/06/26 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 17:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/26 10:26	05/06/26 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	05/06/26 10:26	05/06/26 17:01	1
1,4-Difluorobenzene (Surr)	104		70 - 130	05/06/26 10:26	05/06/26 17:01	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (10.0')

Lab Sample ID: 880-71904-10

Date Collected: 04/22/26 03:09

Matrix: Solid

Date Received: 05/05/26 15:05

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			05/06/26 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/06/26 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 16:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 16:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	05/06/26 09:07	05/06/26 16:21	1
o-Terphenyl (Surr)	92		70 - 130	05/06/26 09:07	05/06/26 16:21	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			05/06/26 13:51	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-71904-1	BH-1 (0-1.0')	113	93
880-71904-1 MS	BH-1 (0-1.0')	83	98
880-71904-1 MSD	BH-1 (0-1.0')	126	99
880-71904-2	BH-1 (2.0')	136 S1+	97
880-71904-3	BH-1 (3.0')	285 S1+	71
880-71904-4	BH-1 (4.0')	147 S1+	94
880-71904-5	BH-1 (5.0')	120	82
880-71904-6	BH-1 (6.0')	143 S1+	94
880-71904-7	BH-1 (7.0')	138 S1+	87
880-71904-8	BH-1 (8.0')	155 S1+	103
880-71904-9	BH-1 (9.0')	143 S1+	97
880-71904-10	BH-1 (10.0')	166 S1+	104
LCS 880-139920/1-A	Lab Control Sample	117	104
LCSD 880-139920/2-A	Lab Control Sample Dup	130	111
MB 880-139920/5-C	Method Blank	284 S1+	112

Surrogate Legend

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-71900-A-1-B MS	Matrix Spike	64 S1-	60 S1-
880-71900-A-1-C MSD	Matrix Spike Duplicate	65 S1-	61 S1-
880-71904-1	BH-1 (0-1.0')	80	80
880-71904-2	BH-1 (2.0')	76	75
880-71904-3	BH-1 (3.0')	77	85
880-71904-4	BH-1 (4.0')	87	95
880-71904-5	BH-1 (5.0')	91	95
880-71904-6	BH-1 (6.0')	96	94
880-71904-7	BH-1 (7.0')	89	87
880-71904-8	BH-1 (8.0')	89	88
880-71904-9	BH-1 (9.0')	93	94
880-71904-10	BH-1 (10.0')	88	92
LCS 880-140011/2-A	Lab Control Sample	103	90
LCSD 880-140011/3-A	Lab Control Sample Dup	104	91
MB 880-140011/1-A	Method Blank	84	84

Surrogate Legend

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

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139920/5-C
 Matrix: Solid
 Analysis Batch: 140030

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 139920

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/26 10:26	05/06/26 13:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/26 10:26	05/06/26 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	284	S1+	70 - 130	05/06/26 10:26	05/06/26 13:28	1
1,4-Difluorobenzene (Surr)	112		70 - 130	05/06/26 10:26	05/06/26 13:28	1

Lab Sample ID: LCS 880-139920/1-A
 Matrix: Solid
 Analysis Batch: 140030

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 139920

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1003		mg/Kg		100	70 - 130
Toluene	0.100	0.08874		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09590		mg/Kg		96	70 - 130
m,p-Xylenes	0.200	0.2123		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1075		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-139920/2-A
 Matrix: Solid
 Analysis Batch: 140030

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 139920

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1153		mg/Kg		115	70 - 130	14	35
Toluene	0.100	0.08988		mg/Kg		90	70 - 130	1	35
Ethylbenzene	0.100	0.1080		mg/Kg		108	70 - 130	12	35
m,p-Xylenes	0.200	0.2493		mg/Kg		125	70 - 130	16	35
o-Xylene	0.100	0.1264		mg/Kg		126	70 - 130	16	35

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

Lab Sample ID: 880-71904-1 MS
 Matrix: Solid
 Analysis Batch: 140030

Client Sample ID: BH-1 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 139920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07581		mg/Kg		76	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.04972	F1	mg/Kg		50	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

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

Lab Sample ID: 880-71904-1 MS

Client Sample ID: BH-1 (0-1.0')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140030

Prep Batch: 139920

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F2 F1	0.100	0.05464	F1	mg/Kg		55	70 - 130
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1129	F1	mg/Kg		56	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.04973	F1	mg/Kg		50	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-71904-1 MSD

Client Sample ID: BH-1 (0-1.0')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140030

Prep Batch: 139920

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09772		mg/Kg		98	70 - 130	25	35
Toluene	<0.00200	U F2 F1	0.100	0.08322	F2	mg/Kg		83	70 - 130	50	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.09719	F2	mg/Kg		97	70 - 130	56	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.2169	F2	mg/Kg		108	70 - 130	63	35
o-Xylene	<0.00200	U F2 F1	0.100	0.1101	F2	mg/Kg		110	70 - 130	76	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-140011/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140025

Prep Batch: 140011

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 05:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 05:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/26 09:07	05/06/26 05:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	84		70 - 130	05/06/26 09:07	05/06/26 05:50	1
o-Terphenyl (Surr)	84		70 - 130	05/06/26 09:07	05/06/26 05:50	1

Lab Sample ID: LCS 880-140011/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140025

Prep Batch: 140011

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Gasoline Range Organics (GRO)-C6-C10	1000	1059		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

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

Lab Sample ID: LCS 880-140011/2-A
Matrix: Solid
Analysis Batch: 140025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140011

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-140011/3-A
Matrix: Solid
Analysis Batch: 140025

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 140011

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1013		mg/Kg		101	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	1000	1003		mg/Kg		100	70 - 130	0	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-71900-A-1-B MS
Matrix: Solid
Analysis Batch: 140025

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 140011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	613.4	F1	mg/Kg		61	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	693.5	F1	mg/Kg		67	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	64	S1-	70 - 130
o-Terphenyl (Surr)	60	S1-	70 - 130

Lab Sample ID: 880-71900-A-1-C MSD
Matrix: Solid
Analysis Batch: 140025

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 140011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	1000	641.0	F1	mg/Kg		64	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	701.3	F1	mg/Kg		67	70 - 130	1	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	65	S1-	70 - 130
o-Terphenyl (Surr)	61	S1-	70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140018/1-A
 Matrix: Solid
 Analysis Batch: 140023

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			05/06/26 11:16	1

Lab Sample ID: LCS 880-140018/2-A
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.2		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-140018/3-A
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.5		mg/Kg		94	90 - 110	3	20

Lab Sample ID: 880-71904-1 MS
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: BH-1 (0-1.0')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.92	U	248	255.3		mg/Kg		101	90 - 110

Lab Sample ID: 880-71904-1 MSD
 Matrix: Solid
 Analysis Batch: 140023

Client Sample ID: BH-1 (0-1.0')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.92	U	248	266.6		mg/Kg		106	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

GC VOA

Prep Batch: 139920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-71904-2	BH-1 (2.0')	Total/NA	Solid	5035	
880-71904-3	BH-1 (3.0')	Total/NA	Solid	5035	
880-71904-4	BH-1 (4.0')	Total/NA	Solid	5035	
880-71904-5	BH-1 (5.0')	Total/NA	Solid	5035	
880-71904-6	BH-1 (6.0')	Total/NA	Solid	5035	
880-71904-7	BH-1 (7.0')	Total/NA	Solid	5035	
880-71904-8	BH-1 (8.0')	Total/NA	Solid	5035	
880-71904-9	BH-1 (9.0')	Total/NA	Solid	5035	
880-71904-10	BH-1 (10.0')	Total/NA	Solid	5035	
MB 880-139920/5-C	Method Blank	Total/NA	Solid	5035	
LCS 880-139920/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139920/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71904-1 MS	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-71904-1 MSD	BH-1 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 140030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Total/NA	Solid	8021B	139920
880-71904-2	BH-1 (2.0')	Total/NA	Solid	8021B	139920
880-71904-3	BH-1 (3.0')	Total/NA	Solid	8021B	139920
880-71904-4	BH-1 (4.0')	Total/NA	Solid	8021B	139920
880-71904-5	BH-1 (5.0')	Total/NA	Solid	8021B	139920
880-71904-6	BH-1 (6.0')	Total/NA	Solid	8021B	139920
880-71904-7	BH-1 (7.0')	Total/NA	Solid	8021B	139920
880-71904-8	BH-1 (8.0')	Total/NA	Solid	8021B	139920
880-71904-9	BH-1 (9.0')	Total/NA	Solid	8021B	139920
880-71904-10	BH-1 (10.0')	Total/NA	Solid	8021B	139920
MB 880-139920/5-C	Method Blank	Total/NA	Solid	8021B	139920
LCS 880-139920/1-A	Lab Control Sample	Total/NA	Solid	8021B	139920
LCSD 880-139920/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139920
880-71904-1 MS	BH-1 (0-1.0')	Total/NA	Solid	8021B	139920
880-71904-1 MSD	BH-1 (0-1.0')	Total/NA	Solid	8021B	139920

Analysis Batch: 140112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-71904-2	BH-1 (2.0')	Total/NA	Solid	Total BTEX	
880-71904-3	BH-1 (3.0')	Total/NA	Solid	Total BTEX	
880-71904-4	BH-1 (4.0')	Total/NA	Solid	Total BTEX	
880-71904-5	BH-1 (5.0')	Total/NA	Solid	Total BTEX	
880-71904-6	BH-1 (6.0')	Total/NA	Solid	Total BTEX	
880-71904-7	BH-1 (7.0')	Total/NA	Solid	Total BTEX	
880-71904-8	BH-1 (8.0')	Total/NA	Solid	Total BTEX	
880-71904-9	BH-1 (9.0')	Total/NA	Solid	Total BTEX	
880-71904-10	BH-1 (10.0')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

GC Semi VOA

Prep Batch: 140011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71904-2	BH-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-71904-3	BH-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-71904-4	BH-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-71904-5	BH-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-71904-6	BH-1 (6.0')	Total/NA	Solid	8015NM Prep	
880-71904-7	BH-1 (7.0')	Total/NA	Solid	8015NM Prep	
880-71904-8	BH-1 (8.0')	Total/NA	Solid	8015NM Prep	
880-71904-9	BH-1 (9.0')	Total/NA	Solid	8015NM Prep	
880-71904-10	BH-1 (10.0')	Total/NA	Solid	8015NM Prep	
MB 880-140011/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140011/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140011/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71900-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71900-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Total/NA	Solid	8015B NM	140011
880-71904-2	BH-1 (2.0')	Total/NA	Solid	8015B NM	140011
880-71904-3	BH-1 (3.0')	Total/NA	Solid	8015B NM	140011
880-71904-4	BH-1 (4.0')	Total/NA	Solid	8015B NM	140011
880-71904-5	BH-1 (5.0')	Total/NA	Solid	8015B NM	140011
880-71904-6	BH-1 (6.0')	Total/NA	Solid	8015B NM	140011
880-71904-7	BH-1 (7.0')	Total/NA	Solid	8015B NM	140011
880-71904-8	BH-1 (8.0')	Total/NA	Solid	8015B NM	140011
880-71904-9	BH-1 (9.0')	Total/NA	Solid	8015B NM	140011
880-71904-10	BH-1 (10.0')	Total/NA	Solid	8015B NM	140011
MB 880-140011/1-A	Method Blank	Total/NA	Solid	8015B NM	140011
LCS 880-140011/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140011
LCSD 880-140011/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140011
880-71900-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	140011
880-71900-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	140011

Analysis Batch: 140103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-71904-2	BH-1 (2.0')	Total/NA	Solid	8015 NM	
880-71904-3	BH-1 (3.0')	Total/NA	Solid	8015 NM	
880-71904-4	BH-1 (4.0')	Total/NA	Solid	8015 NM	
880-71904-5	BH-1 (5.0')	Total/NA	Solid	8015 NM	
880-71904-6	BH-1 (6.0')	Total/NA	Solid	8015 NM	
880-71904-7	BH-1 (7.0')	Total/NA	Solid	8015 NM	
880-71904-8	BH-1 (8.0')	Total/NA	Solid	8015 NM	
880-71904-9	BH-1 (9.0')	Total/NA	Solid	8015 NM	
880-71904-10	BH-1 (10.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

HPLC/IC

Leach Batch: 140018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-71904-2	BH-1 (2.0')	Soluble	Solid	DI Leach	
880-71904-3	BH-1 (3.0')	Soluble	Solid	DI Leach	
880-71904-4	BH-1 (4.0')	Soluble	Solid	DI Leach	
880-71904-5	BH-1 (5.0')	Soluble	Solid	DI Leach	
880-71904-6	BH-1 (6.0')	Soluble	Solid	DI Leach	
880-71904-7	BH-1 (7.0')	Soluble	Solid	DI Leach	
880-71904-8	BH-1 (8.0')	Soluble	Solid	DI Leach	
880-71904-9	BH-1 (9.0')	Soluble	Solid	DI Leach	
880-71904-10	BH-1 (10.0')	Soluble	Solid	DI Leach	
MB 880-140018/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140018/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140018/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71904-1 MS	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-71904-1 MSD	BH-1 (0-1.0')	Soluble	Solid	DI Leach	

Analysis Batch: 140023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71904-1	BH-1 (0-1.0')	Soluble	Solid	300.0	140018
880-71904-2	BH-1 (2.0')	Soluble	Solid	300.0	140018
880-71904-3	BH-1 (3.0')	Soluble	Solid	300.0	140018
880-71904-4	BH-1 (4.0')	Soluble	Solid	300.0	140018
880-71904-5	BH-1 (5.0')	Soluble	Solid	300.0	140018
880-71904-6	BH-1 (6.0')	Soluble	Solid	300.0	140018
880-71904-7	BH-1 (7.0')	Soluble	Solid	300.0	140018
880-71904-8	BH-1 (8.0')	Soluble	Solid	300.0	140018
880-71904-9	BH-1 (9.0')	Soluble	Solid	300.0	140018
880-71904-10	BH-1 (10.0')	Soluble	Solid	300.0	140018
MB 880-140018/1-A	Method Blank	Soluble	Solid	300.0	140018
LCS 880-140018/2-A	Lab Control Sample	Soluble	Solid	300.0	140018
LCSD 880-140018/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140018
880-71904-1 MS	BH-1 (0-1.0')	Soluble	Solid	300.0	140018
880-71904-1 MSD	BH-1 (0-1.0')	Soluble	Solid	300.0	140018

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (0-1.0')

Lab Sample ID: 880-71904-1

Date Collected: 04/22/26 03:00

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 13:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 14:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 14:12	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:44	CS	EET MID

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-71904-2

Date Collected: 04/22/26 03:01

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 14:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 14:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 14:26	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 12:59	CS	EET MID

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-71904-3

Date Collected: 04/22/26 03:02

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 14:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 14:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 14:40	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:04	CS	EET MID

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71904-4

Date Collected: 04/22/26 03:03

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 14:58	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71904-4

Date Collected: 04/22/26 03:03

Matrix: Solid

Date Received: 05/05/26 15:05

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			140103	05/06/26 14:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 14:55	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:20	CS	EET MID

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-71904-5

Date Collected: 04/22/26 03:04

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 15:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 15:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 15:09	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:25	CS	EET MID

Client Sample ID: BH-1 (6.0')

Lab Sample ID: 880-71904-6

Date Collected: 04/22/26 03:05

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 15:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 15:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 15:24	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:30	CS	EET MID

Client Sample ID: BH-1 (7.0')

Lab Sample ID: 880-71904-7

Date Collected: 04/22/26 03:06

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 16:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 16:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 15:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 15:38	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

Client Sample ID: BH-1 (7.0')

Lab Sample ID: 880-71904-7

Date Collected: 04/22/26 03:06

Matrix: Solid

Date Received: 05/05/26 15:05

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	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:35	CS	EET MID

Client Sample ID: BH-1 (8.0')

Lab Sample ID: 880-71904-8

Date Collected: 04/22/26 03:07

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 16:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 16:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 15:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 15:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:40	CS	EET MID

Client Sample ID: BH-1 (9.0')

Lab Sample ID: 880-71904-9

Date Collected: 04/22/26 03:08

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 16:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 16:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 16:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 16:07	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:46	CS	EET MID

Client Sample ID: BH-1 (10.0')

Lab Sample ID: 880-71904-10

Date Collected: 04/22/26 03:09

Matrix: Solid

Date Received: 05/05/26 15:05

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	139920	05/06/26 10:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140030	05/06/26 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140112	05/06/26 17:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			140103	05/06/26 16:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140011	05/06/26 09:07	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140025	05/06/26 16:21	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140018	05/06/26 09:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140023	05/06/26 13:51	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

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

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Method Summary

Client: Carmona Resources
 Project/Site: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
 SDG: 3162

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: Pardue D 8808 JV-P #002

Job ID: 880-71904-1
SDG: 3162

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71904-1	BH-1 (0-1.0')	Solid	04/22/26 03:00	05/05/26 15:05	New Mexico
880-71904-2	BH-1 (2.0')	Solid	04/22/26 03:01	05/05/26 15:05	New Mexico
880-71904-3	BH-1 (3.0')	Solid	04/22/26 03:02	05/05/26 15:05	New Mexico
880-71904-4	BH-1 (4.0')	Solid	04/22/26 03:03	05/05/26 15:05	New Mexico
880-71904-5	BH-1 (5.0')	Solid	04/22/26 03:04	05/05/26 15:05	New Mexico
880-71904-6	BH-1 (6.0')	Solid	04/22/26 03:05	05/05/26 15:05	New Mexico
880-71904-7	BH-1 (7.0')	Solid	04/22/26 03:06	05/05/26 15:05	New Mexico
880-71904-8	BH-1 (8.0')	Solid	04/22/26 03:07	05/05/26 15:05	New Mexico
880-71904-9	BH-1 (9.0')	Solid	04/22/26 03:08	05/05/26 15:05	New Mexico
880-71904-10	BH-1 (10.0')	Solid	04/22/26 03:09	05/05/26 15:05	New Mexico

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71904-1

SDG Number: 3162

Login Number: 71904

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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QUESTIONS

Action 587376

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJMW1307033093
Incident Name	NJMW1307033093 PARDUE D 8808 JV-P #002 @ 30-015-26406
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-26406] PARDUE D 8808 JV-P #002

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PARDUE D 8808 JV-P #002
Date Release Discovered	03/04/2013
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Tank (Any) Produced Water Released: 30 BBL Recovered: 25 BBL Lost: 5 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, Page 2

Action 587376

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>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.</i>	

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: Adam Delaney Title: Environmental Engineer Email: Adam.Delaney@btaoil.com Date: 05/21/2026
--	---

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Phone: (505) 476-3441

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Phone: (505) 629-6116

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QUESTIONS, Page 3

Action 587376

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 100 and 200 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 300 and 500 (ft.)
Any other fresh water well or spring	Between 300 and 500 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/15/2013
On what date will (or did) the final sampling or liner inspection occur	04/22/2026
On what date will (or was) the remediation complete(d)	04/22/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	4200
What is the estimated volume (in cubic yards) that will be remediated	0

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, Page 4

Action 587376

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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.)	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)	Yes
Other Non-listed Remedial Process. Please specify	Unknown method of remediaton. Original release contained to the gravel within the containment. Tank battery moved to the north side of the well pad and when that happened, no evidence of contamination was found under the original tank battery containment. Recent site assessment proved that no soil contamination was found onsite.

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: Adam Delaney Title: Environmental Engineer Email: Adam.Delaney@btaoil.com Date: 05/21/2026
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 587376

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 587376

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	577543
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2026
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	200

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	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Unknown method of remediation. Original release contained to the gravel within the containment. Tank battery moved to the north side of the well pad and when that happened, no evidence of contamination was found under the original tank battery containment. Recent site assessment proved that no soil contamination was found onsite.

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: Adam Delaney Title: Environmental Engineer Email: Adam.Delaney@btaoil.com Date: 05/21/2026
--	---

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

General Information
Phone: (505) 629-6116

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QUESTIONS, Page 7

Action 587376

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Action 587376

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 587376
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/22/2026