



SITE INFORMATION

Closure Report
North Blondie 3-15 Fed Com 102H
Incident ID: NAPP2422556072
Lea County, New Mexico
Unit F Sec 15 T26S R34E
32.045510°, -103.460684°

Produced Water Release
Point of Release: Clamp Failure on Flowmeter
Release Date: 08/09/24
Volume Released: 103 Barrels of Produced Water
Volume Recovered: 80 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Devon Energy Production Company, LP
333 West Sheridan Ave
Oklahoma City, OK 73102

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

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October 1, 2024

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

**Re: Closure Report
North Blondie 3-15 Fed Com 102H
Devon Energy Production Company, LP
Incident # NAPP2422556072
Site Location: Unit F, S15, T26S, R34E
(Lat 32.045510°, Long -103.460684°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Devon Energy Production Company, LP (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the North Blondie 3-15 Fed Com 102H. The site is located at 32.045510°, -103.460684° within Unit F, S15, T26S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 9, 2024, caused by a clamp failure on a flowmeter. It released one hundred and three (103) barrels of produced water, with eighty (80) barrels of produced water recovered. Refer to Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 3.19 miles Northwest of the site in S06, T26S, R34E, and was drilled in 1976. The well has a reported depth to groundwater of 123.52' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Site Assessment Activities

On August 26, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of four (4) sample points (S-1 through S-4) and nine (9) horizontal samples (H-1 through H-9) were advanced to depths ranging from the surface to 1.5' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. 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 D.

Vertical Delineation

Vertical delineation was achieved for all sample point areas. Refer to Table 1.

Horizontal Delineation

All horizontal samples were below the regulatory thresholds for TPH, BTEX, and chlorides. Refer to Table 1.

5.0 Remediation Activities

On the dates spanning from September 17, 2024, to September 20, 2024, Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal on September 16, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C for correspondence. A total of twenty-eight (28) floor confirmation samples were collected (CS-1 through CS-28), and nineteen (19) sidewall samples (SW-1 through SW-19) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples met the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The material utilized for backfill was sourced from the Icabod Pit located at 32.061167°, -103.500833°. The soil sample was evaluated for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 189 cubic yards of material were excavated and transported offsite for proper disposal.

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6.0 Conclusions

Based on the assessment results and the final analytical data, no further actions are required at the site. Devon formally requests the closure of this incident. If you have any questions about this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

Devin Dominguez
Sr. Project Manager

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432.813.1992

FIGURES

CARMONA RESOURCES

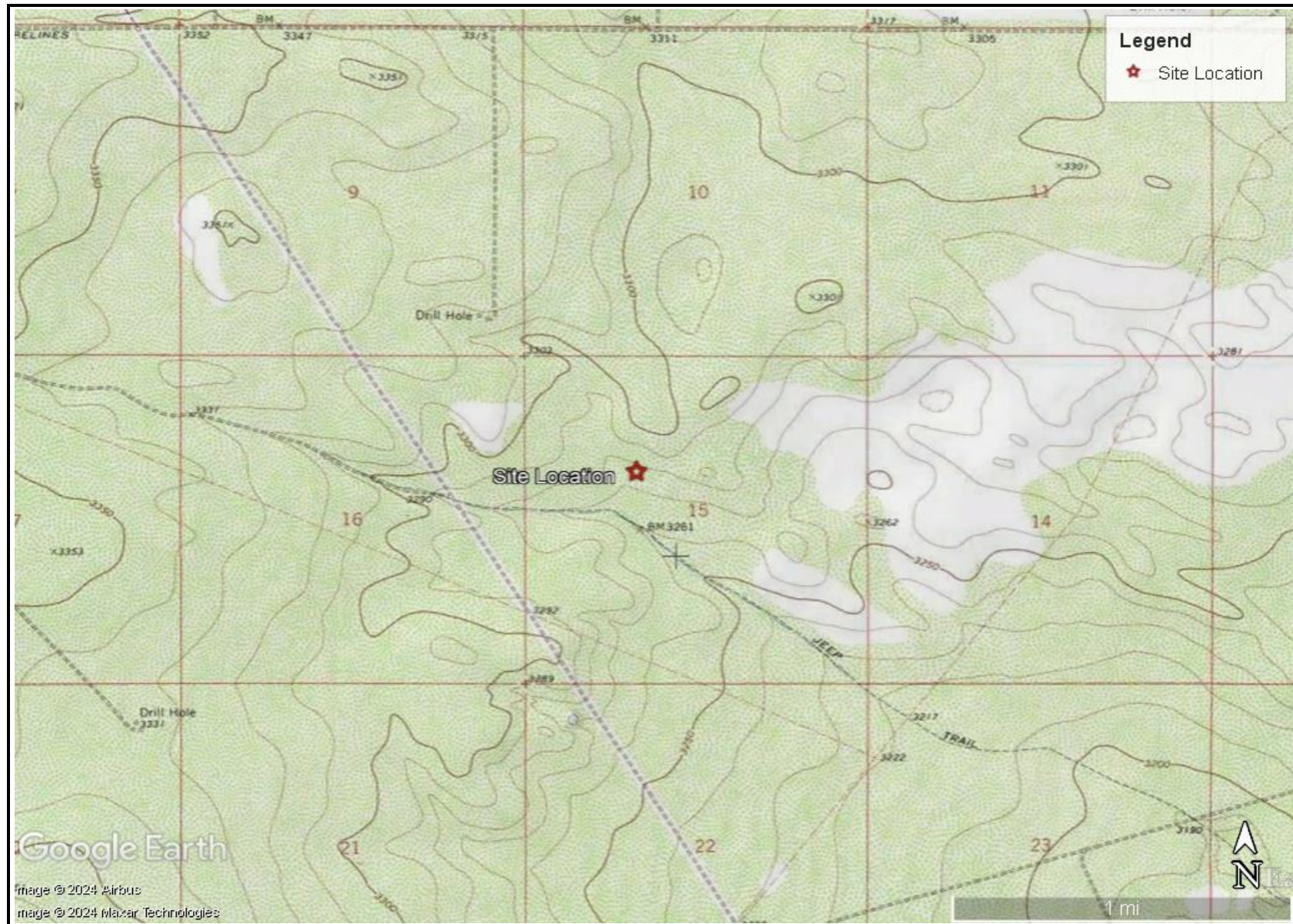




OVERVIEW MAP
DEVON ENERGY PRODUCTION COMPANY, LP
NORTH BLONDIE 3-15 FED COM 102H
LEA COUNTY, NEW MEXICO
32.045510°, -103.460684°



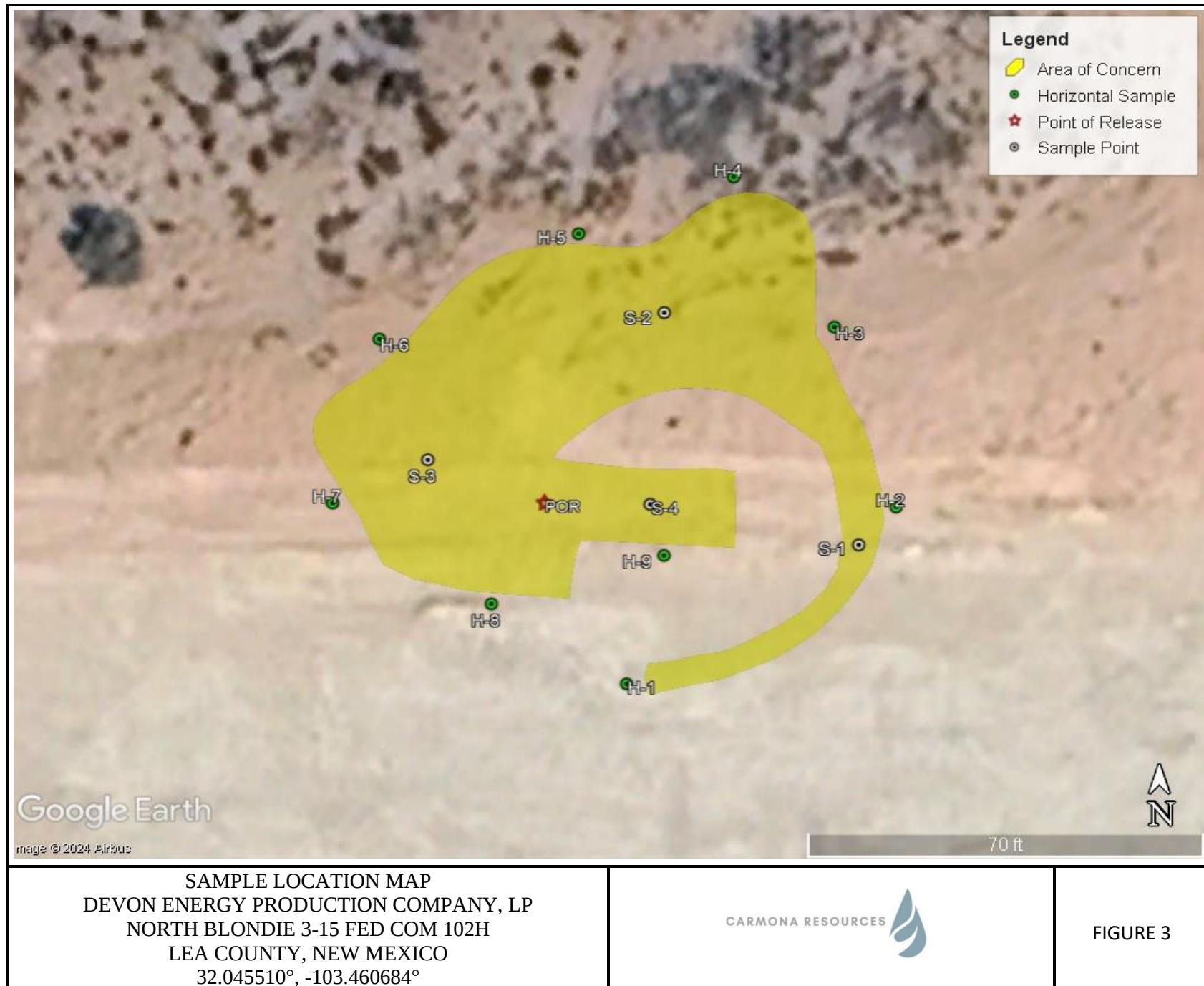
FIGURE 1

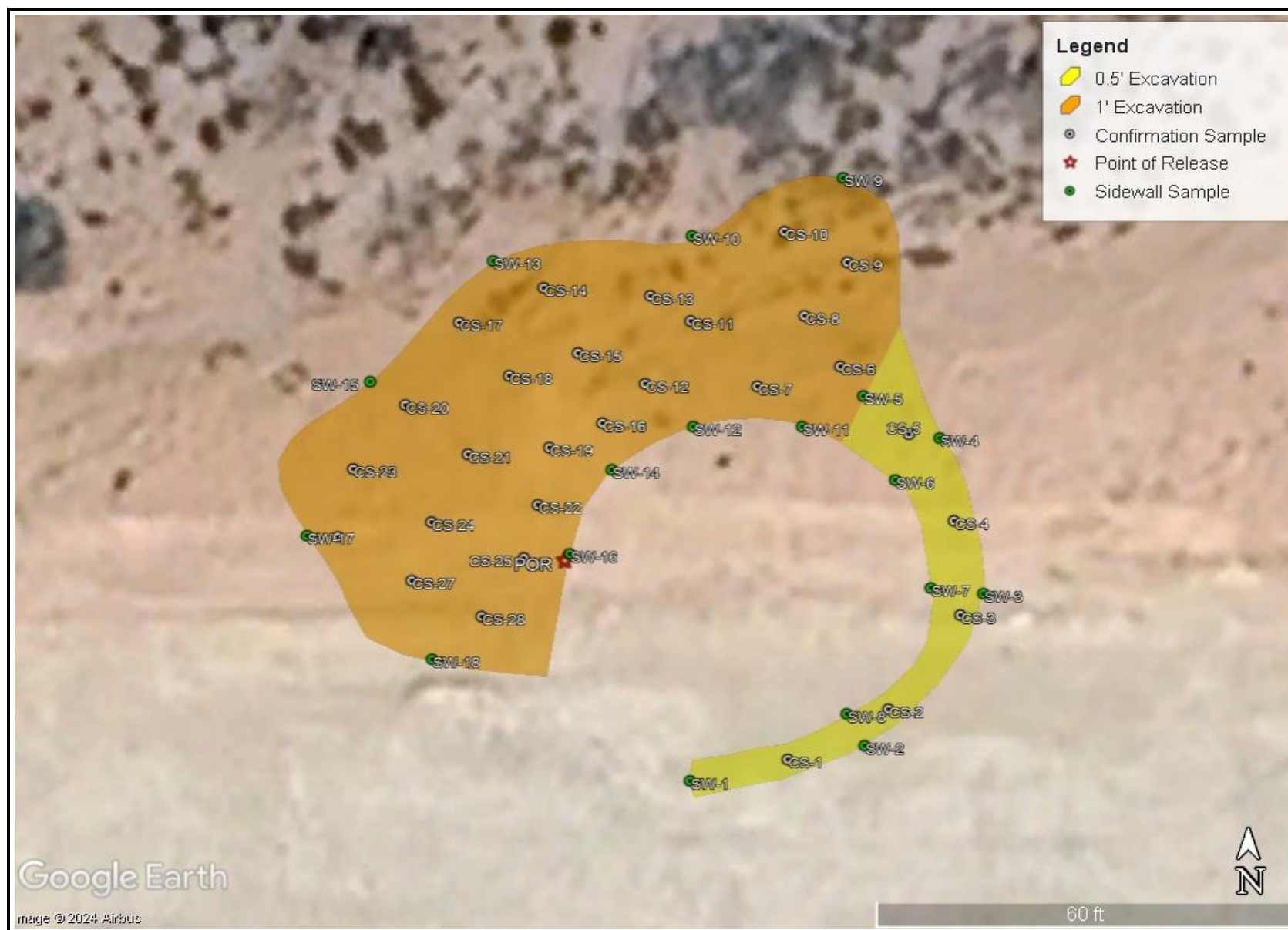


TOPOGRAPHIC MAP
DEVON ENERGY PRODUCTION COMPANY, LP
NORTH BLONDIE 3-15 FED COM 102H
LEA COUNTY, NEW MEXICO
32.045510°, -103.460684°



FIGURE 2





EXCAVATION MAP
DEVON ENERGY PRODUCTION COMPANY, LP
NORTH BLONDIE 3-15 FED COM 102H
LEA COUNTY, NEW MEXICO
32.045510°, -103.460684°



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
Devon Energy Production Company, LP
North Blondie 3-15 Fed Com 102H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/26/2024	0.3"	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,980
	"	3"-6"	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.0
	"	6"-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.1
S-2	8/26/2024	0.3"	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	907
	"	3"-6"	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,150
	"	6"-1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.6
S-3	8/26/2024	0.3"	<50.0	151	<50.0	151	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,730
	"	3"-6"	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	0.0339	0.0339	1,150
	"	6"-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	0.00677	0.00677	289
	"	1.0'-1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	30.2
S-4	8/26/2024	0.3"	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	317
	"	3"-6"	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	18.1
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

 Removed

Table 1
Devon Energy Production Company, LP
North Blondie 3-15 Fed Com 102H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	8/26/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	59.4
H-2	8/26/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.7
H-3	8/26/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	27.2
H-4	8/26/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.2
H-5	8/26/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	31.9
H-6	8/26/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18.9
H-7	8/26/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.4
H-8	8/26/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	38.9
H-9	8/26/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.8
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
Devon Energy Production Company, LP
North Blondie 3-15 Fed Com 102H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	9/18/2024	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.96
CS-2	9/18/2024	0.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-3	9/18/2024	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5.25
CS-4	9/18/2024	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
CS-5	9/18/2024	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.96
CS-6	9/18/2024	1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.05
CS-7	9/18/2024	1.0'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
CS-8	9/18/2024	1.0'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
CS-9	9/18/2024	1.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-10	9/18/2024	1.0'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.98
CS-11	9/18/2024	1.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
CS-12	9/18/2024	1.0'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.03
CS-13	9/18/2024	1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.99
CS-14	9/18/2024	1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-15	9/18/2024	1.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.02
CS-16	9/18/2024	1.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
CS-17	9/19/2024	1.0'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.98
CS-18	9/19/2024	1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
CS-19	9/19/2024	1.0'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5.57
CS-20	9/19/2024	1.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.97
CS-21	9/19/2024	1.0'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
CS-22	9/19/2024	1.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.96
CS-23	9/19/2024	1.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
CS-24	9/19/2024	1.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.98
Regulatory Criteria ^A			100 mg/kg				10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
Devon Energy Production Company, LP
North Blondie 3-15 Fed Com 102H
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-25	9/19/2024	1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.97
CS-26	9/19/2024	1.0'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.96
CS-27	9/19/2024	1.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
CS-28	9/19/2024	1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.96
SW-1	9/18/2024	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
SW-2	9/18/2024	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
SW-3	9/18/2024	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
SW-4	9/18/2024	0.5'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.97
SW-5	9/18/2024	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.92
SW-6	9/18/2024	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.96
SW-7	9/18/2024	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.99
SW-8	9/18/2024	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.01
SW-9	9/18/2024	1.0'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.05
SW-10	9/18/2024	1.0'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.98
SW-11	9/18/2024	1.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
SW-12	9/18/2024	1.0'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
SW-13	9/18/2024	1.0'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.00
SW-14	9/18/2024	1.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.01
SW-16	9/19/2024	1.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.04
SW-17	9/19/2024	1.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
SW-18	9/19/2024	1.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.02
SW-19	9/19/2024	1.0'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.97
ICABOD PIT	9/18/2024	-	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.1
Regulatory Criteria ^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) Sidewall Sample

(CS) Confirmation Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Devon Energy Production Company, LP

Photograph No. 1

Facility: North Blondie 3-15 Fed Com 102H

County: Lea County, New Mexico

Description:

View Southwest, area of CS-1 through CS-3.



Photograph No. 2

Facility: North Blondie 3-15 Fed Com 102H

County: Lea County, New Mexico

Description:

View Southwest, area of CS-4 and CS-5.



Photograph No. 3

Facility: North Blondie 3-15 Fed Com 102H

County: Lea County, New Mexico

Description:

View East, area of CS-6 through CS-19.



PHOTOGRAPHIC LOG

Devon Energy Production Company, LP

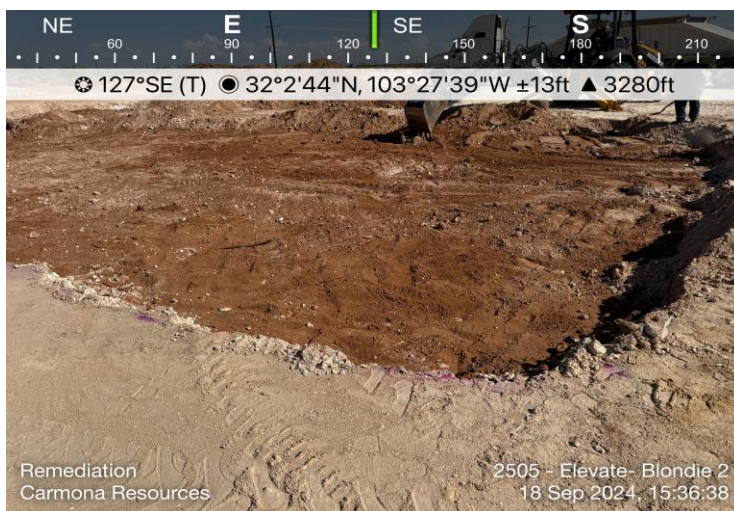
Photograph No. 4

Facility: North Blondie 3-15 Fed Com 102H

County: Lea County, New Mexico

Description:

View Southeast, area of CS-20 through CS-28.

**Photograph No. 5**

Facility: North Blondie 3-15 Fed Com 102H

County: Lea County, New Mexico

Description:

View Southeast, backfilled excavation.

**Photograph No. 6**

Facility: North Blondie 3-15 Fed Com 102H

County: Lea County, New Mexico

Description:

View Southeast, backfilled excavation.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 373019

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373019
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	North Blondie 3-15 Fed Com 102H
Date Release Discovered	08/09/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 103 BBL Recovered: 80 BBL Lost: 23 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)	Elevate Energy crew was pressure testing. Clamp failed on flowmeter. 103.4 bbls spilled onto pad. 80 bbls recovered

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QUESTIONS, Page 2

Action 373019

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373019
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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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

ACKNOWLEDGMENTS

Action 373019

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373019
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☒	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☒	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.
☒	I acknowledge the fact that 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.
☒	I acknowledge the fact that, 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.

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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 373019

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373019
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
wdale	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/12/2024

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

QUESTIONS

Action 383688

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 383688
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422556072
Incident Name	NAPP2422556072 NORTH BLONDIE 3-15 FED COM 102H @ 30-025-52643
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-52643] NORTH BLONDIE 3 15 FEDERAL COM #102H

Location of Release Source	
Site Name	North Blondie 3-15 Fed Com 102H
Date Release Discovered	08/09/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	23
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/18/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	432-701-5475. Sampling will continue on 09/19/2024 too
Please provide any information necessary for navigation to sampling site	32.04551 -103.460684

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CONDITIONS

Action 383688

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 383688
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
wdale	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.	9/16/2024

APPENDIX D

CARMONA RESOURCES

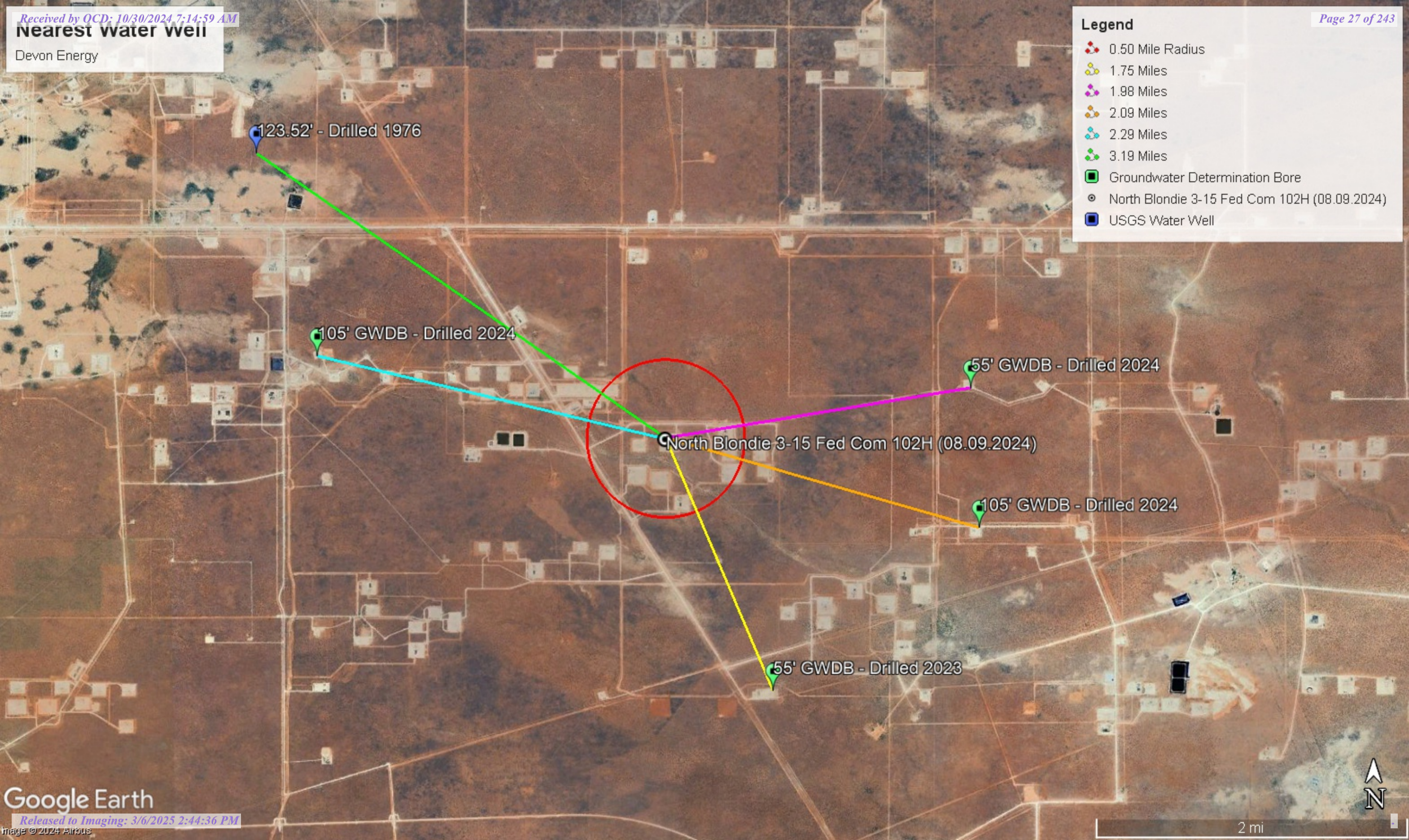


Nearest water well

Devon Energy

Legend

- 0.50 Mile Radius
- 1.75 Miles
- 1.98 Miles
- 2.09 Miles
- 2.29 Miles
- 3.19 Miles
- Groundwater Determination Bore
- North Blondie 3-15 Fed Com 102H (08.09.2024)
- USGS Water Well



Low Karst

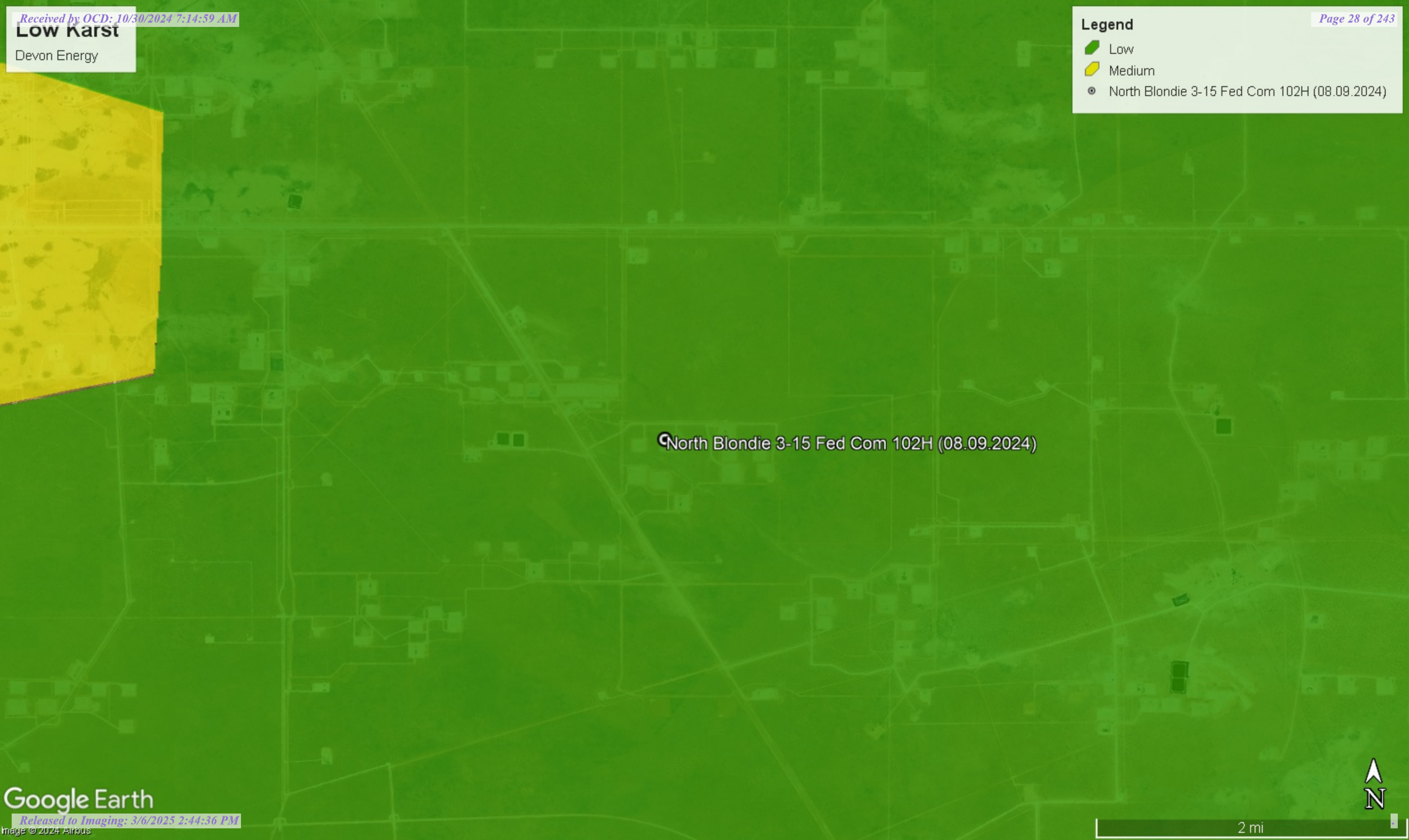
Devon Energy

Legend

Low

Medium

North Blondie 3-15 Fed Com 102H (08.09.2024)





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 04583 POD1		CUB	LE	SW	SW	SW	15	26S	34E	644919.7	3545643.4		945	55		
C 04836 POD1		CUB	LE	SE	SE	SE	21	26S	34E	644618.7	3543853.3		2747	105		
C 04856 POD1		CUB	LE	NE	SW	NE	23	26S	34E	647550.6	3544940.3		2785	105		
C 04710 POD1		CUB	LE	SE	SE	SE	22	26S	34E	646399.7	3543956.9		2809			
C 04820 POD1		CUB	LE	NE	NW	NW	13	26S	34E	648389.9	3547088.9		3180	55		
C 04817 POD1		CUB	LE	SW	SE	SW	13	26S	34E	648499.2	3545657.3		3353	105		
C 04852 POD1		CUB	LE	NE	NW	NE	24	26S	34E	649057.5	3545374.4		3967	55		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 7

UTM Filters (in meters):

Easting: 645260.18

Northing: 3546525.22

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-04710			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 1	SECONDS 20.25	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	26	59.18	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SE SE Sec.22 T26S R34E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/13/23	DRILLING ENDED 4/13/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/25/23		
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4710	POD NO. 1	TRN NO. 143060
LOCATION 26S. 34E. 22 444	WELL TAG ID NO. MA	PAGE 1 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04820 Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-4820		
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150				CITY Hobbs	STATE NM	ZIP 88240
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 3	SECONDS 01.0 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LONGITUDE -103	25	41.6 W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources	
	DRILLING STARTED 4-17-24		DRILLING ENDED 4-17-24		DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'	DATE STATIC MEASURED 4-22-24
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0 45		6"	PVC 2" SCH40	Thread	2"	SCH40
	45 55		6"	PVC 2" SCH40	Thread	2"	SCH40
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				None pulled and plugged			

FOR OSE INTERNAL USE

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

FILE NO. C-04820	POD NO. (	TRN NO. 757962
LOCATION 265. 34E. 13. 211	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-04820	POD NO. 1	TRN NO. 757962	
LOCATION 765 34E-13.311	WELL TAG ID NO.		PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 757962
File Nbr: C 04820
Well File Nbr: C 04820 POD1

Apr. 25, 2024

DALE WOODALL
DEVON ENERGY
205 E BENDER ROAD #150
HOBBS, NM 88240

Greetings:

The above numbered permit was issued in your name on 04/01/2024.

The Well Record was received in this office on 04/25/2024, stating that it had been completed on 04/17/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 04/01/2025.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C 04817		WELL TAG ID NO.		OSE FILE NO(S). C-4817		
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 205 E. Bender Road				CITY STATE ZIP Hobbs NM 88240		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 2	SECONDS 14.47	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE	-103	25	38.23		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 3-25-24		DRILLING ENDED 3-25-24		DEPTH OF COMPLETED WELL (FT) 105'		BORE HOLE DEPTH (FT) 105'	
					DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'		DATE STATIC MEASURED 3-28-24
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	95	6"	PVC 2" SCH40	Thread	2"	SCH40	N/A
	95	105	6"	PVC 2" SCH40	Thread	2"	SCH40	.02

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

FOR OSE INTERNAL USE

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

FILE NO. C-04817

POD NO. 1

TRN NO. 757600

LOCATION 265.34E.13.343

WELL TAG ID NO.

PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
	0	10	10'	Brown dirt with white caliche	Y ✓ N		
	10	30	20'	red coarse sand with small rock	Y ✓ N		
	30	110	80'	Tan fine sand	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: Dry hole					TOTAL ESTIMATED WELL YIELD (gpm): 0	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION: USE DIT APR 17 2024 PM 1:25							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jason Maley							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: Jason Maley SIGNATURE OF DRILLER / PRINT SIGNEE NAME 4/11/24 DATE						
FOR OSE INTERNAL USE							
FILE NO. C-04817		POD NO. 1		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
LOCATION 765.34E.13.343		WELL TAG ID NO.		TRN NO. 757600		PAGE 2 OF 2	

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 757600
File Nbr: C 04817
Well File Nbr: C 04817 POD1

Apr. 24, 2024

DALE WOODALL
DEVON ENERGY RESOURCES
205 E BENDER RD. #150
HOBBS, NM 88240

Greetings:

The above numbered permit was issued in your name on 03/22/2024.

The Well Record was received in this office on 04/17/2024, stating that it had been completed on 03/25/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/22/2025.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell

212C-MD-03343		TETRA TECH		LOG OF BORING Gunner 8 Federal #008H DTW				Page 1 of 1	
Project Name: Gunner 8 Fed #008H									
Borehole Location: GPS Coordinates: 32.053208°, -103.499466°				Surface Elevation: 3360'					
Borehole Number: Gunner 8 Federal #008H DTW				Borehole Diameter (in.): 8"		Date Started:		Date Finished: 5/16/2024	

DEPTH (ft)	OPERATION TYPES	SAMPLE	CHLORIDE CONCENTRATION (ppm)	VOC CONCENTRATION (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		DEPTH (ft)	WELL DIAGRAM
												While Drilling	24 Hours After Completion of Drilling		
												While Drilling <u>▽</u> DRY 24 Hours After Completion of Drilling <u>▽</u> DRY Remarks:			
			ExStik	PID				LL	PI			MATERIAL DESCRIPTION			
5												-SP- SAND: Light brown, loose, dry, fine- to coarse-grained, with caliche fragments	2		
10												-SM- SILTY SAND: Brown to dark brown, partially weakly cemented, dry, fine-grained, with large caliche fragments	6		
15												-SP- SAND: Brown, partially weakly cemented, dry, fine- to coarse-grained, with caliche fragments	14		
20												-SP- SAND: Brown, moderately cemented, dry, fine-grained, with clayey sand and caliche fragments	19		
25												-SP- SAND: Light brown to pale brown, partially weakly cemented, fine-grained, with clayey sand and caliche nodules	24		
30												-GM- SAND: Pale brown, loose to partially weakly cemented, dry, very fine- to fine-grained, with caliche fragments	29		
35												-SP- SAND: Pale brown, dry, coarse-grained, with caliche fragments	39		
40												-SC- CLAYEY SAND: Brown, moderately cemented, dry, fine-grained, trace caliche nodules	49		
45												-SC- CLAYEY SAND: Reddish brown, partially weakly, dry, very fine- to fine-grained	59		
50												-SM- SAND: Light brown, loose, dry, very fine-grained, with some indurated clayey sand fragments	69		
55												-SM- SAND: Light brown, loose to partially weakly cemented, dry, very fine- to fine-grained, with some indurated clayey sand fragments	79		
60												-SM- SAND: Brown to reddish brown, loose to partially weakly cemented, dry, very fine- to fine-grained, with indurated clayey sand fragments	89		
65												-- SANDY CLAYSTONE: Light brown to reddish brown, indurated, dry, fine-grained			
70												-- SILTSTONE: Light reddish brown, weakly cemented, dry, fine-grained			
75															
80															
85															
90															
95															
100															
105															

Bottom of borehole at 105.0 feet.

Sampler Types: Split Spoon Acetate Liner Shelby Vane Shear Bulk Sample California Grab Sample Test Pit		Operation Types: Auger Air Rotary Hollow Stem Auger Direct Push Continuous Flight Auger Drive Casing Mud Rotary		Notes: Surface elevation is an approximate value obtained from Google Earth data.
Logger: Colton Bickerstaff		Drilling Equipment: Air Rotary		Driller: Scarborough Drilling



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

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- 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 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320419103302202

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

USGS 320419103302202 26S.34E.06.21414A

Lea County, New Mexico
Latitude 32°04'19", Longitude 103°30'22" NAD27
Land-surface elevation 3,329 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) 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
1976-01-08			D 62610		3203.90	NGVD29	1	Z			A
1976-01-08			D 62611		3205.48	NAVD88	1	Z			A
1976-01-08			D 72019	123.52			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.

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2024-08-28 10:13:13 EDT

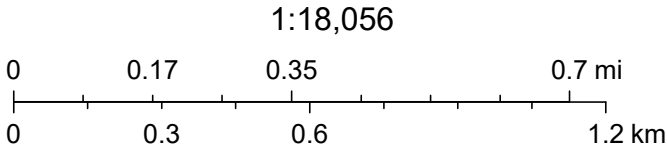
0.37 0.26 nadww02

North Blondie 3-15 Fed Com 102H (08.09.2024)



8/28/2024, 8:56:42 AM

— OSE Streams



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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/30/2024 12:44:29 PM

JOB DESCRIPTION

Blondie 2
Lea County, New Mexico

JOB NUMBER

880-47798-1



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
8/30/2024 12:44:29 PM

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

Client: Carmona Resources
Project/Site: Blondie 2

Laboratory Job ID: 880-47798-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Blondie 2

Job ID: 880-47798-1

Job ID: 880-47798-1

Eurofins Midland

Job Narrative 880-47798-1

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

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

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

Receipt

The samples were received on 8/27/2024 4:20 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 0.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-3") (880-47798-1), S-1 (3"-6") (880-47798-2), S-1 (6"-1') (880-47798-3), S-2 (0-3") (880-47798-4), S-2 (3"-6") (880-47798-5), S-2 (6"-1') (880-47798-6), S-3 (0-3") (880-47798-7), S-3 (3"-6") (880-47798-8), S-3 (6"-1') (880-47798-9), S-3 (1'-1.5') (880-47798-10), S-4 (0-3") (880-47798-11) and S-4 (3"-6") (880-47798-12).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-4 (3"-6") (880-47798-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-89542 recovered under the lower control limit for Toluene, Ethylbenzene and m-Xylene & p-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-89557 and analytical batch 880-89669 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47798-1

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 22:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 22:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 22:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/28/24 22:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 22:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/28/24 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/28/24 13:08	08/28/24 22:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/28/24 13:08	08/28/24 22:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/24 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/28/24 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/28/24 13:14	08/28/24 23:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/28/24 13:14	08/28/24 23:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/28/24 13:14	08/28/24 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/28/24 13:14	08/28/24 23:35	1
o-Terphenyl	86		70 - 130	08/28/24 13:14	08/28/24 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1980		25.0		mg/Kg			08/28/24 20:01	5

Client Sample ID: S-1 (3"-6")

Lab Sample ID: 880-47798-2

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/28/24 13:08	08/28/24 22:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/24 13:08	08/28/24 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/28/24 13:08	08/28/24 22:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/28/24 13:08	08/28/24 22:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (3"-6")

Lab Sample ID: 880-47798-2

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/24 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/29/24 00:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 00:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 00:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				08/28/24 13:14	08/29/24 00:06	1
o-Terphenyl	86		70 - 130				08/28/24 13:14	08/29/24 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.0		5.04		mg/Kg			08/28/24 20:08	1

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

Lab Sample ID: 880-47798-3

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/28/24 23:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/28/24 23:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/28/24 23:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/28/24 13:08	08/28/24 23:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/28/24 23:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/24 13:08	08/28/24 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/28/24 13:08	08/28/24 23:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/28/24 13:08	08/28/24 23:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/28/24 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/29/24 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/29/24 00:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/29/24 00:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47798-3

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/29/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				08/28/24 13:14	08/29/24 00:21	1
o-Terphenyl	92		70 - 130				08/28/24 13:14	08/29/24 00:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.1		5.04		mg/Kg			08/28/24 20:30	1

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

Lab Sample ID: 880-47798-4

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/28/24 23:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/28/24 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/28/24 13:08	08/28/24 23:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/28/24 13:08	08/28/24 23:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/24 23:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/29/24 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/28/24 13:14	08/29/24 00:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/28/24 13:14	08/29/24 00:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/28/24 13:14	08/29/24 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/28/24 13:14	08/29/24 00:36	1
o-Terphenyl	91		70 - 130				08/28/24 13:14	08/29/24 00:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	907		25.2		mg/Kg			08/28/24 20:37	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (3"-6")

Lab Sample ID: 880-47798-5

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/28/24 23:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/28/24 23:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/28/24 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/28/24 13:08	08/28/24 23:58	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/28/24 13:08	08/28/24 23:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/28/24 23:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/29/24 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 00:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 00:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	08/28/24 13:14	08/29/24 00:52	1
o-Terphenyl	89		70 - 130	08/28/24 13:14	08/29/24 00:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3150		50.3		mg/Kg			08/28/24 20:59	10

Client Sample ID: S-2 (6"-1')

Lab Sample ID: 880-47798-6

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/28/24 13:08	08/29/24 00:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/24 13:08	08/29/24 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	08/28/24 13:08	08/29/24 00:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/28/24 13:08	08/29/24 00:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (6"-1')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/24 00:19	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.6	U	49.6		mg/Kg			08/29/24 01:08	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/28/24 13:14	08/29/24 01:08	1	
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/28/24 13:14	08/29/24 01:08	1	
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/28/24 13:14	08/29/24 01:08	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	94		70 - 130				08/28/24 13:14	08/29/24 01:08	1	
o-Terphenyl	85		70 - 130				08/28/24 13:14	08/29/24 01:08	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	24.6		5.02		mg/Kg			08/28/24 21:06	1	

Client Sample ID: S-3 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:39	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:39	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:39	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/28/24 13:08	08/29/24 00:39	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 00:39	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/24 13:08	08/29/24 00:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	113		70 - 130				08/28/24 13:08	08/29/24 00:39	1	
1,4-Difluorobenzene (Surr)	99		70 - 130				08/28/24 13:08	08/29/24 00:39	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/29/24 00:39	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	151		50.0		mg/Kg			08/29/24 01:23	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/29/24 01:23	1	
Diesel Range Organics (Over C10-C28)	151		50.0		mg/Kg		08/28/24 13:14	08/29/24 01:23	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/29/24 01:23	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	104		70 - 130				08/28/24 13:14	08/29/24 01:23	1	
o-Terphenyl	98		70 - 130				08/28/24 13:14	08/29/24 01:23	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	3730		50.1		mg/Kg			08/28/24 21:13	10	

Client Sample ID: S-3 (3"-6")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/29/24 01:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/29/24 01:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:08	08/29/24 01:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/28/24 13:08	08/29/24 01:00	1
o-Xylene	0.0339		0.00199		mg/Kg		08/28/24 13:08	08/29/24 01:00	1
Xylenes, Total	0.0339		0.00398		mg/Kg		08/28/24 13:08	08/29/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/28/24 13:08	08/29/24 01:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130				08/28/24 13:08	08/29/24 01:00	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0339		0.00398		mg/Kg			08/29/24 01:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			08/29/24 01:39	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/29/24 01:39	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/29/24 01:39	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/29/24 01:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	105		70 - 130				08/28/24 13:14	08/29/24 01:39	1	
o-Terphenyl	96		70 - 130				08/28/24 13:14	08/29/24 01:39	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1150		24.8		mg/Kg			08/28/24 21:20	5	

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (6"-1')

Lab Sample ID: 880-47798-9

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/29/24 01:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/29/24 01:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:08	08/29/24 01:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:08	08/29/24 01:20	1
o-Xylene	0.00677		0.00201		mg/Kg		08/28/24 13:08	08/29/24 01:20	1
Xylenes, Total	0.00677		0.00402		mg/Kg		08/28/24 13:08	08/29/24 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/28/24 13:08	08/29/24 01:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/28/24 13:08	08/29/24 01:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00677		0.00402		mg/Kg			08/29/24 01:20	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			08/29/24 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 01:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 01:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/28/24 13:14	08/29/24 01:54	1
o-Terphenyl	106		70 - 130				08/28/24 13:14	08/29/24 01:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	289		4.95		mg/Kg			08/28/24 21:27	1

Client Sample ID: S-3 (1'-1.5')

Lab Sample ID: 880-47798-10

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 01:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 01:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 01:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/28/24 13:08	08/29/24 01:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/29/24 01:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/24 13:08	08/29/24 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/28/24 13:08	08/29/24 01:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/28/24 13:08	08/29/24 01:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (1'-1.5')

Lab Sample ID: 880-47798-10

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/29/24 01:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/29/24 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 02:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 02:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/29/24 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/28/24 13:14	08/29/24 02:10	1
o-Terphenyl	103		70 - 130				08/28/24 13:14	08/29/24 02:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		5.04		mg/Kg			08/28/24 21:35	1

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

Lab Sample ID: 880-47798-11

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 16:00	08/28/24 19:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 16:00	08/28/24 19:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 16:00	08/28/24 19:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/28/24 16:00	08/28/24 19:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 16:00	08/28/24 19:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/28/24 16:00	08/28/24 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/28/24 16:00	08/28/24 19:46	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/28/24 16:00	08/28/24 19:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/28/24 19:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/29/24 02:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/29/24 02:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/29/24 02:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47798-11

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/29/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/28/24 13:14	08/29/24 02:25	1
o-Terphenyl	98		70 - 130				08/28/24 13:14	08/29/24 02:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		5.05		mg/Kg			08/28/24 21:42	1

Client Sample ID: S-4 (3"-6")

Lab Sample ID: 880-47798-12

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/28/24 14:15	08/28/24 17:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/28/24 14:15	08/28/24 17:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/28/24 14:15	08/28/24 17:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/28/24 14:15	08/28/24 17:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/28/24 14:15	08/28/24 17:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/28/24 14:15	08/28/24 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130				08/28/24 14:15	08/28/24 17:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/24 14:15	08/28/24 17:37	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			08/28/24 17:37	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			08/29/24 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/28/24 10:25	08/29/24 14:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/28/24 10:25	08/29/24 14:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/28/24 10:25	08/29/24 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/28/24 10:25	08/29/24 14:38	1
o-Terphenyl	89		70 - 130				08/28/24 10:25	08/29/24 14:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.1		5.05		mg/Kg			08/28/24 18:03	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
820-14928-A-41-E MS	Matrix Spike	103	97
820-14928-A-41-F MSD	Matrix Spike Duplicate	101	98
880-47798-1	S-1 (0-3")	110	99
880-47798-1 MS	S-1 (0-3")	102	110
880-47798-1 MSD	S-1 (0-3")	99	106
880-47798-2	S-1 (3"-6")	111	100
880-47798-3	S-1 (6"-1')	113	99
880-47798-4	S-2 (0-3")	119	101
880-47798-5	S-2 (3"-6")	113	99
880-47798-6	S-2 (6"-1')	118	102
880-47798-7	S-3 (0-3")	113	99
880-47798-8	S-3 (3"-6")	108	91
880-47798-9	S-3 (6"-1')	111	99
880-47798-10	S-3 (1'-1.5')	115	101
880-47798-11	S-4 (0-3")	110	96
880-47798-12	S-4 (3"-6")	61 S1-	97
890-7042-A-1-B MS	Matrix Spike	113	95
890-7042-A-1-C MSD	Matrix Spike Duplicate	107	86
LCS 880-89553/1-A	Lab Control Sample	105	99
LCS 880-89558/1-A	Lab Control Sample	111	103
LCS 880-89597/1-A	Lab Control Sample	101	108
LCSD 880-89553/2-A	Lab Control Sample Dup	104	99
LCSD 880-89558/2-A	Lab Control Sample Dup	110	92
LCSD 880-89597/2-A	Lab Control Sample Dup	101	104
MB 880-89528/5-A	Method Blank	108	97
MB 880-89553/5-A	Method Blank	109	91
MB 880-89558/5-A	Method Blank	81	91
MB 880-89597/5-A	Method Blank	112	100
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-47797-A-1-F MS	Matrix Spike	93	92
880-47797-A-1-G MSD	Matrix Spike Duplicate	93	93
880-47798-1	S-1 (0-3")	96	86
880-47798-2	S-1 (3"-6")	96	86
880-47798-3	S-1 (6"-1')	102	92
880-47798-4	S-2 (0-3")	101	91
880-47798-5	S-2 (3"-6")	99	89
880-47798-6	S-2 (6"-1')	94	85
880-47798-7	S-3 (0-3")	104	98
880-47798-8	S-3 (3"-6")	105	96
880-47798-9	S-3 (6"-1')	117	106

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Surrogate Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-47798-10	S-3 (1'-1.5')	114	103
880-47798-11	S-4 (0-3")	107	98
880-47798-12	S-4 (3"-6")	100	89
890-7042-A-2-B MS	Matrix Spike	87	82
890-7042-A-2-C MSD	Matrix Spike Duplicate	86	82
LCS 880-89557/2-A	Lab Control Sample	129	130
LCS 880-89598/2-A	Lab Control Sample	101	100
LCSD 880-89557/3-A	Lab Control Sample Dup	125	124
LCSD 880-89598/3-A	Lab Control Sample Dup	82	100
MB 880-89557/1-A	Method Blank	87	81
MB 880-89598/1-A	Method Blank	84	76
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89528/5-A

Matrix: Solid

Analysis Batch: 89542

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89528

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/27/24 16:35	08/28/24 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/27/24 16:35	08/28/24 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/27/24 16:35	08/28/24 11:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/27/24 16:35	08/28/24 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/27/24 16:35	08/28/24 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/27/24 16:35	08/28/24 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/27/24 16:35	08/28/24 11:39	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/27/24 16:35	08/28/24 11:39	1

Lab Sample ID: MB 880-89553/5-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/24 09:33	08/28/24 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/28/24 09:33	08/28/24 11:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/28/24 09:33	08/28/24 11:41	1

Lab Sample ID: LCS 880-89553/1-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1127		mg/Kg		113	70 - 130
Toluene	0.100	0.1088		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1063		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2296		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1144		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-89553/2-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1112		mg/Kg		111	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-89553/2-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.1074		mg/Kg		107	70 - 130		1	35
Ethylbenzene	0.100	0.1047		mg/Kg		105	70 - 130		2	35
m-Xylene & p-Xylene	0.200	0.2251		mg/Kg		113	70 - 130		2	35
o-Xylene	0.100	0.1123		mg/Kg		112	70 - 130		2	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 820-14928-A-41-E MS

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89553

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00201	U	0.100	0.1060		mg/Kg		106	70 - 130	
Toluene	<0.00201	U	0.100	0.09964		mg/Kg		100	70 - 130	
Ethylbenzene	<0.00201	U	0.100	0.09297		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1987		mg/Kg		99	70 - 130	
o-Xylene	<0.00201	U	0.100	0.09919		mg/Kg		99	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 820-14928-A-41-F MSD

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89553

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00201	U	0.100	0.09858		mg/Kg		99	70 - 130		7	35
Toluene	<0.00201	U	0.100	0.08973		mg/Kg		90	70 - 130		10	35
Ethylbenzene	<0.00201	U	0.100	0.08017		mg/Kg		80	70 - 130		15	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1696		mg/Kg		85	70 - 130		16	35
o-Xylene	<0.00201	U	0.100	0.08515		mg/Kg		85	70 - 130		15	35

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

Lab Sample ID: MB 880-89558/5-A

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89558

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:25	08/28/24 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:25	08/28/24 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:25	08/28/24 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/28/24 10:25	08/28/24 12:26	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-89558/5-A

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89558

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:25	08/28/24 12:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/24 10:25	08/28/24 12:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	81		70 - 130	08/28/24 10:25	08/28/24 12:26	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/28/24 10:25	08/28/24 12:26	1

Lab Sample ID: LCS 880-89558/1-A

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89558

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	0.100	0.1064		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1096		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2271		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1057		mg/Kg		106	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-89558/2-A

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89558

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	3	35
Toluene	0.100	0.1101		mg/Kg		110	70 - 130	3	35
Ethylbenzene	0.100	0.1157		mg/Kg		116	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2346		mg/Kg		117	70 - 130	3	35
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130	3	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-7042-A-1-B MS

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89558

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00201	U	0.100	0.07722		mg/Kg		77	70 - 130
Toluene	<0.00201	U	0.100	0.08975		mg/Kg		90	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09459		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1872		mg/Kg		94	70 - 130
o-Xylene	<0.00201	U	0.100	0.08739		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-7042-A-1-B MS

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89558

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

Lab Sample ID: 890-7042-A-1-C MSD

Matrix: Solid

Analysis Batch: 89545

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.07063		mg/Kg		71	70 - 130	9	35
Toluene	<0.00201	U	0.100	0.08731		mg/Kg		87	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.09429		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1839		mg/Kg		92	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.08605		mg/Kg		86	70 - 130	2	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: MB 880-89597/5-A

Matrix: Solid

Analysis Batch: 89542

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89597

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/28/24 13:08	08/28/24 22:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 13:08	08/28/24 22:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/24 13:08	08/28/24 22:15	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	112		70 - 130	08/28/24 13:08	08/28/24 22:15	1			
1,4-Difluorobenzene (Surr)	100		70 - 130	08/28/24 13:08	08/28/24 22:15	1			

Lab Sample ID: LCS 880-89597/1-A

Matrix: Solid

Analysis Batch: 89542

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1237		mg/Kg		124	70 - 130
Toluene	0.100	0.1141		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1150		mg/Kg		115	70 - 130
m-Xylene & p-Xylene	0.200	0.2335		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1192		mg/Kg		119	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-89597/1-A

Matrix: Solid

Analysis Batch: 89542

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89597

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

Lab Sample ID: LCSD 880-89597/2-A

Matrix: Solid

Analysis Batch: 89542

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89597

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1169		mg/Kg		117	70 - 130	6	35
Toluene	0.100	0.1074		mg/Kg		107	70 - 130	6	35
Ethylbenzene	0.100	0.1083		mg/Kg		108	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2194		mg/Kg		110	70 - 130	6	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	6	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-47798-1 MS

Matrix: Solid

Analysis Batch: 89542

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

Prep Type: Total/NA

Prep Batch: 89597

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1154		mg/Kg		115	70 - 130
Toluene	<0.00201	U	0.100	0.1073		mg/Kg		107	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1085		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2155		mg/Kg		108	70 - 130
o-Xylene	<0.00201	U	0.100	0.1096		mg/Kg		110	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-47798-1 MSD

Matrix: Solid

Analysis Batch: 89542

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

Prep Type: Total/NA

Prep Batch: 89597

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1068		mg/Kg		107	70 - 130	8	35
Toluene	<0.00201	U	0.100	0.09796		mg/Kg		98	70 - 130	9	35
Ethylbenzene	<0.00201	U	0.100	0.09914		mg/Kg		99	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1978		mg/Kg		99	70 - 130	9	35
o-Xylene	<0.00201	U	0.100	0.1002		mg/Kg		100	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-89557/1-A

Matrix: Solid

Analysis Batch: 89669

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 10:25	08/29/24 03:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 10:25	08/29/24 03:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 10:25	08/29/24 03:43	1

Surrogate

%Recovery

MB Qualifier

Limits

1-Chlorooctane

87

70 - 130

o-Terphenyl

81

70 - 130

Prepared

Analyzed

Dil Fac

08/28/24 10:25

08/29/24 03:43

1

Prepared

Analyzed

Dil Fac

08/28/24 10:25

08/29/24 03:43

1

Lab Sample ID: LCS 880-89557/2-A

Matrix: Solid

Analysis Batch: 89669

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1128		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1277		mg/Kg		128	70 - 130

Surrogate

%Recovery

LCS Qualifier

Limits

1-Chlorooctane

129

70 - 130

o-Terphenyl

130

70 - 130

Lab Sample ID: LCSD 880-89557/3-A

Matrix: Solid

Analysis Batch: 89669

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89557

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	5	20
Diesel Range Organics (Over C10-C28)	1000	1239		mg/Kg		124	70 - 130	3	20

Surrogate

%Recovery

LCSD Qualifier

Limits

1-Chlorooctane

125

70 - 130

o-Terphenyl

124

70 - 130

Lab Sample ID: 890-7042-A-2-B MS

Matrix: Solid

Analysis Batch: 89669

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89557

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	755.7		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	734.1	F1	mg/Kg		69	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-7042-A-2-B MS

Matrix: Solid

Analysis Batch: 89669

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89557

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 890-7042-A-2-C MSD

Matrix: Solid

Analysis Batch: 89669

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89557

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	752.4		mg/Kg		75	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	715.6	F1	mg/Kg		67	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: MB 880-89598/1-A

Matrix: Solid

Analysis Batch: 89549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89598

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 19:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 19:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 19:57	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	84		70 - 130	08/28/24 13:14	08/28/24 19:57	1			
o-Terphenyl	76		70 - 130	08/28/24 13:14	08/28/24 19:57	1			

Lab Sample ID: LCS 880-89598/2-A

Matrix: Solid

Analysis Batch: 89549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89598

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	935.0		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	993.5		mg/Kg		99	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	100		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-89598/3-A
Matrix: Solid
Analysis Batch: 89549

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89598

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	952.2		mg/Kg		95	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130	7	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-47797-A-1-F MS
Matrix: Solid
Analysis Batch: 89549

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 89598

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	875.7		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	754.1		mg/Kg		74	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: 880-47797-A-1-G MSD
Matrix: Solid
Analysis Batch: 89549

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 89598

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	876.2		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	757.8		mg/Kg		74	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-89594/1-A
Matrix: Solid
Analysis Batch: 89600

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/24 16:28	1

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-89594/2-A

Matrix: Solid

Analysis Batch: 89600

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.8		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-89594/3-A

Matrix: Solid

Analysis Batch: 89600

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	231.9		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 880-47793-A-1-D MS

Matrix: Solid

Analysis Batch: 89600

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	11.4		249	237.5		mg/Kg		91	90 - 110

Lab Sample ID: 880-47793-A-1-E MSD

Matrix: Solid

Analysis Batch: 89600

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	11.4		249	234.9		mg/Kg		90	90 - 110	1	20

Lab Sample ID: MB 880-89596/1-A

Matrix: Solid

Analysis Batch: 89603

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/24 18:07	1

Lab Sample ID: LCS 880-89596/2-A

Matrix: Solid

Analysis Batch: 89603

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.5		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-89596/3-A

Matrix: Solid

Analysis Batch: 89603

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	237.8		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-47798-2 MS

Matrix: Solid

Analysis Batch: 89603

Client Sample ID: S-1 (3"-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	47.0		252	288.5		mg/Kg		96	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-47798-2 MSD						Client Sample ID: S-1 (3"-6")					
Matrix: Solid						Prep Type: Soluble					
Analysis Batch: 89603											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	47.0		252	288.7		mg/Kg		96	90 - 110	0	20

- 1
- 2
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- 13
- 14

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 89528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-89528/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 89542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Total/NA	Solid	8021B	89597
880-47798-2	S-1 (3"-6")	Total/NA	Solid	8021B	89597
880-47798-3	S-1 (6"-1')	Total/NA	Solid	8021B	89597
880-47798-4	S-2 (0-3")	Total/NA	Solid	8021B	89597
880-47798-5	S-2 (3"-6")	Total/NA	Solid	8021B	89597
880-47798-6	S-2 (6"-1')	Total/NA	Solid	8021B	89597
880-47798-7	S-3 (0-3")	Total/NA	Solid	8021B	89597
880-47798-8	S-3 (3"-6")	Total/NA	Solid	8021B	89597
880-47798-9	S-3 (6"-1')	Total/NA	Solid	8021B	89597
880-47798-10	S-3 (1'-1.5')	Total/NA	Solid	8021B	89597
MB 880-89528/5-A	Method Blank	Total/NA	Solid	8021B	89528
MB 880-89597/5-A	Method Blank	Total/NA	Solid	8021B	89597
LCS 880-89597/1-A	Lab Control Sample	Total/NA	Solid	8021B	89597
LCSD 880-89597/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89597
880-47798-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	89597
880-47798-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	89597

Analysis Batch: 89543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-11	S-4 (0-3")	Total/NA	Solid	8021B	89553
MB 880-89553/5-A	Method Blank	Total/NA	Solid	8021B	89553
LCS 880-89553/1-A	Lab Control Sample	Total/NA	Solid	8021B	89553
LCSD 880-89553/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89553
820-14928-A-41-E MS	Matrix Spike	Total/NA	Solid	8021B	89553
820-14928-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89553

Analysis Batch: 89545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-12	S-4 (3"-6")	Total/NA	Solid	8021B	89558
MB 880-89558/5-A	Method Blank	Total/NA	Solid	8021B	89558
LCS 880-89558/1-A	Lab Control Sample	Total/NA	Solid	8021B	89558
LCSD 880-89558/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89558
890-7042-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	89558
890-7042-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89558

Prep Batch: 89553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-11	S-4 (0-3")	Total/NA	Solid	5035	
MB 880-89553/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89553/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89553/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-14928-A-41-E MS	Matrix Spike	Total/NA	Solid	5035	
820-14928-A-41-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 89558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-12	S-4 (3"-6")	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 89558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-89558/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89558/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89558/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7042-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7042-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 89597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Total/NA	Solid	5035	
880-47798-2	S-1 (3"-6")	Total/NA	Solid	5035	
880-47798-3	S-1 (6"-1')	Total/NA	Solid	5035	
880-47798-4	S-2 (0-3")	Total/NA	Solid	5035	
880-47798-5	S-2 (3"-6")	Total/NA	Solid	5035	
880-47798-6	S-2 (6"-1')	Total/NA	Solid	5035	
880-47798-7	S-3 (0-3")	Total/NA	Solid	5035	
880-47798-8	S-3 (3"-6")	Total/NA	Solid	5035	
880-47798-9	S-3 (6"-1')	Total/NA	Solid	5035	
880-47798-10	S-3 (1'-1.5')	Total/NA	Solid	5035	
MB 880-89597/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89597/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89597/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47798-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-47798-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

Analysis Batch: 89707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-47798-2	S-1 (3"-6")	Total/NA	Solid	Total BTEX	
880-47798-3	S-1 (6"-1')	Total/NA	Solid	Total BTEX	
880-47798-4	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-47798-5	S-2 (3"-6")	Total/NA	Solid	Total BTEX	
880-47798-6	S-2 (6"-1')	Total/NA	Solid	Total BTEX	
880-47798-7	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-47798-8	S-3 (3"-6")	Total/NA	Solid	Total BTEX	
880-47798-9	S-3 (6"-1')	Total/NA	Solid	Total BTEX	
880-47798-10	S-3 (1'-1.5')	Total/NA	Solid	Total BTEX	
880-47798-11	S-4 (0-3")	Total/NA	Solid	Total BTEX	
880-47798-12	S-4 (3"-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 89549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Total/NA	Solid	8015B NM	89598
880-47798-2	S-1 (3"-6")	Total/NA	Solid	8015B NM	89598
880-47798-3	S-1 (6"-1')	Total/NA	Solid	8015B NM	89598
880-47798-4	S-2 (0-3")	Total/NA	Solid	8015B NM	89598
880-47798-5	S-2 (3"-6")	Total/NA	Solid	8015B NM	89598
880-47798-6	S-2 (6"-1')	Total/NA	Solid	8015B NM	89598
880-47798-7	S-3 (0-3")	Total/NA	Solid	8015B NM	89598
880-47798-8	S-3 (3"-6")	Total/NA	Solid	8015B NM	89598

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 89549 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-9	S-3 (6"-1')	Total/NA	Solid	8015B NM	89598
880-47798-10	S-3 (1'-1.5')	Total/NA	Solid	8015B NM	89598
880-47798-11	S-4 (0-3")	Total/NA	Solid	8015B NM	89598
MB 880-89598/1-A	Method Blank	Total/NA	Solid	8015B NM	89598
LCS 880-89598/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89598
LCSD 880-89598/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89598
880-47797-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	89598
880-47797-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89598

Prep Batch: 89557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-12	S-4 (3"-6")	Total/NA	Solid	8015NM Prep	
MB 880-89557/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89557/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89557/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7042-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7042-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 89598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-47798-2	S-1 (3"-6")	Total/NA	Solid	8015NM Prep	
880-47798-3	S-1 (6"-1')	Total/NA	Solid	8015NM Prep	
880-47798-4	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-47798-5	S-2 (3"-6")	Total/NA	Solid	8015NM Prep	
880-47798-6	S-2 (6"-1')	Total/NA	Solid	8015NM Prep	
880-47798-7	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-47798-8	S-3 (3"-6")	Total/NA	Solid	8015NM Prep	
880-47798-9	S-3 (6"-1')	Total/NA	Solid	8015NM Prep	
880-47798-10	S-3 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-47798-11	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
MB 880-89598/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89598/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89598/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47797-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-47797-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 89669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-12	S-4 (3"-6")	Total/NA	Solid	8015B NM	89557
MB 880-89557/1-A	Method Blank	Total/NA	Solid	8015B NM	89557
LCS 880-89557/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89557
LCSD 880-89557/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89557
890-7042-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	89557
890-7042-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89557

Analysis Batch: 89694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-47798-2	S-1 (3"-6")	Total/NA	Solid	8015 NM	
880-47798-3	S-1 (6"-1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 89694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-4	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-47798-5	S-2 (3"-6")	Total/NA	Solid	8015 NM	
880-47798-6	S-2 (6"-1')	Total/NA	Solid	8015 NM	
880-47798-7	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-47798-8	S-3 (3"-6")	Total/NA	Solid	8015 NM	
880-47798-9	S-3 (6"-1')	Total/NA	Solid	8015 NM	
880-47798-10	S-3 (1'-1.5')	Total/NA	Solid	8015 NM	
880-47798-11	S-4 (0-3")	Total/NA	Solid	8015 NM	
880-47798-12	S-4 (3"-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 89594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-12	S-4 (3"-6")	Soluble	Solid	DI Leach	
MB 880-89594/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89594/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89594/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47793-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-47793-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 89596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-47798-2	S-1 (3"-6")	Soluble	Solid	DI Leach	
880-47798-3	S-1 (6"-1')	Soluble	Solid	DI Leach	
880-47798-4	S-2 (0-3")	Soluble	Solid	DI Leach	
880-47798-5	S-2 (3"-6")	Soluble	Solid	DI Leach	
880-47798-6	S-2 (6"-1')	Soluble	Solid	DI Leach	
880-47798-7	S-3 (0-3")	Soluble	Solid	DI Leach	
880-47798-8	S-3 (3"-6")	Soluble	Solid	DI Leach	
880-47798-9	S-3 (6"-1')	Soluble	Solid	DI Leach	
880-47798-10	S-3 (1'-1.5')	Soluble	Solid	DI Leach	
880-47798-11	S-4 (0-3")	Soluble	Solid	DI Leach	
MB 880-89596/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89596/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89596/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47798-2 MS	S-1 (3"-6")	Soluble	Solid	DI Leach	
880-47798-2 MSD	S-1 (3"-6")	Soluble	Solid	DI Leach	

Analysis Batch: 89600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-12	S-4 (3"-6")	Soluble	Solid	300.0	89594
MB 880-89594/1-A	Method Blank	Soluble	Solid	300.0	89594
LCS 880-89594/2-A	Lab Control Sample	Soluble	Solid	300.0	89594
LCSD 880-89594/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89594
880-47793-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	89594
880-47793-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	89594

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 89603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47798-1	S-1 (0-3")	Soluble	Solid	300.0	89596
880-47798-2	S-1 (3"-6")	Soluble	Solid	300.0	89596
880-47798-3	S-1 (6"-1')	Soluble	Solid	300.0	89596
880-47798-4	S-2 (0-3")	Soluble	Solid	300.0	89596
880-47798-5	S-2 (3"-6")	Soluble	Solid	300.0	89596
880-47798-6	S-2 (6"-1')	Soluble	Solid	300.0	89596
880-47798-7	S-3 (0-3")	Soluble	Solid	300.0	89596
880-47798-8	S-3 (3"-6")	Soluble	Solid	300.0	89596
880-47798-9	S-3 (6"-1')	Soluble	Solid	300.0	89596
880-47798-10	S-3 (1'-1.5')	Soluble	Solid	300.0	89596
880-47798-11	S-4 (0-3")	Soluble	Solid	300.0	89596
MB 880-89596/1-A	Method Blank	Soluble	Solid	300.0	89596
LCS 880-89596/2-A	Lab Control Sample	Soluble	Solid	300.0	89596
LCSD 880-89596/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89596
880-47798-2 MS	S-1 (3"-6")	Soluble	Solid	300.0	89596
880-47798-2 MSD	S-1 (3"-6")	Soluble	Solid	300.0	89596

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/28/24 22:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 22:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/28/24 23:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 23:35	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89603	08/28/24 20:01	SMC	EET MID

Client Sample ID: S-1 (3"-6")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/28/24 22:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 22:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 00:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 00:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 20:08	SMC	EET MID

Client Sample ID: S-1 (6"-1')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/28/24 23:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 23:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 00:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 00:21	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 20:30	SMC	EET MID

Client Sample ID: S-2 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/28/24 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 23:38	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			89694	08/29/24 00:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 00:36	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89603	08/28/24 20:37	SMC	EET MID

Client Sample ID: S-2 (3"-6")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/28/24 23:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 23:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 00:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 00:52	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	89603	08/28/24 20:59	SMC	EET MID

Client Sample ID: S-2 (6"-1')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/29/24 00:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/29/24 00:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 01:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 01:08	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 21:06	SMC	EET MID

Client Sample ID: S-3 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/29/24 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/29/24 00:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 01:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 01:23	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47798-7

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	89603	08/28/24 21:13	SMC	EET MID

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

Lab Sample ID: 880-47798-8

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/29/24 01:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/29/24 01:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 01:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 01:39	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89603	08/28/24 21:20	SMC	EET MID

Client Sample ID: S-3 (6"-1')

Lab Sample ID: 880-47798-9

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/29/24 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/29/24 01:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 01:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 01:54	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 21:27	SMC	EET MID

Client Sample ID: S-3 (1'-1.5')

Lab Sample ID: 880-47798-10

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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	89597	08/28/24 13:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89542	08/29/24 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/29/24 01:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 02:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 02:10	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 21:35	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-3")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	89553	08/28/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/28/24 19:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 19:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 02:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/29/24 02:25	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 21:42	SMC	EET MID

Client Sample ID: S-4 (3"-6")
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47798-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	89558	08/28/24 14:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89545	08/28/24 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89707	08/28/24 17:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			89694	08/29/24 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89557	08/28/24 10:25	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89669	08/29/24 14:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	89594	08/28/24 13:01	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89600	08/28/24 18:03	SMC	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47798-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47798-1	S-1 (0-3")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-2	S-1 (3"-6")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-3	S-1 (6"-1')	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-4	S-2 (0-3")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-5	S-2 (3"-6")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-6	S-2 (6"-1')	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-7	S-3 (0-3")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-8	S-3 (3"-6")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-9	S-3 (6"-1')	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-10	S-3 (1'-1.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-11	S-4 (0-3")	Solid	08/26/24 00:00	08/27/24 16:20
880-47798-12	S-4 (3"-6")	Solid	08/26/24 00:00	08/27/24 16:20

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Chain of Custody

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880-47798 Chain of Custody

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

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

Project Name:		Blondie 2		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes													
Project Number:		2505		☒ Routine	☐ Rush														None: NO	DI Water: H ₂ O												
Project Location:		Lea County, New Mexico		Due Date:			Standard														Cool: Cool	MeOH: Me										
Sampler's Name:		DD & DI																	HCL: HC	HNO ₃ : HN												
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na													
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Well Ice:		☒ Yes ☐ No														H ₃ PO ₄ : HP										
Received In tact:		☒ Yes ☐ No		Thermometer ID:				TKS														NaHSO ₄ : NABIS										
Cooler Custody Seals:		☒ Yes ☐ No		N/A		Correction Factor:																Na ₂ S ₂ O ₅ : NaSO ₃										
Sample Custody Seals:		☒ Yes ☐ No		N/A		Temperature Reading:		0-7														Zn Acetate+NaOH: Zn										
Total Containers:						Corrected Temperature:		0-6														NaOH+Ascorbic Acid: SAPC										
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments						
S-1 (0-3")		8/26/2024				X				G		1		X		X		X														
S-1 (3"-6")		8/26/2024				X				G		1		X		X		X														
S-1 (6"-1')		8/26/2024				X				G		1		X		X		X														
S-2 (0-3")		8/26/2024				X				G		1		X		X		X														
S-2 (3"-6")		8/26/2024				X				G		1		X		X		X														
S-2 (6"-1')		8/26/2024				X				G		1		X		X		X														
S-3 (0-3")		8/26/2024				X				G		1		X		X		X														
S-3 (3"-6")		8/26/2024				X				G		1		X		X		X														
S-3 (6"-1')		8/26/2024				X				G		1		X		X		X														
S-3 (1'-1.5')		8/26/2024				X				G		1		X		X		X														

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/27/24		8/27/24

Work Order No: 7978

8/30/2024

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

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

[illegible]

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/27/24		8/27/24

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-47798-1
SDG Number: Lea County, New Mexico

Login Number: 47798
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/29/2024 3:25:44 PM

JOB DESCRIPTION

Blondie 2
Lea County, New Mexico

JOB NUMBER

880-47797-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.



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
8/29/2024 3:25:44 PM

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

Client: Carmona Resources
Project/Site: Blondie 2

Laboratory Job ID: 880-47797-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Blondie 2

Job ID: 880-47797-1

Job ID: 880-47797-1

Eurofins Midland

Job Narrative 880-47797-1

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

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

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

Receipt

The samples were received on 8/27/2024 4:20 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 0.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-47797-1), H-2 (0-0.5') (880-47797-2), H-3 (0-0.5') (880-47797-3), H-4 (0-0.5') (880-47797-4), H-5 (0-0.5') (880-47797-5), H-6 (0-0.5') (880-47797-6), H-7 (0-0.5') (880-47797-7), H-8 (0-0.5') (880-47797-8) and H-9 (0-0.5') (880-47797-9).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-89559 and analytical batch 880-89543 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: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-1

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 02:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 02:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 02:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:05	08/29/24 02:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 02:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/24 13:05	08/29/24 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/28/24 13:05	08/29/24 02:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/28/24 13:05	08/29/24 02:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/24 02:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/24 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 20:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 20:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/28/24 13:14	08/28/24 20:44	1
o-Terphenyl	92		70 - 130	08/28/24 13:14	08/28/24 20:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.4		4.97		mg/Kg			08/28/24 18:28	1

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

Lab Sample ID: 880-47797-2

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 03:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 03:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 03:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/28/24 13:05	08/29/24 03:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 03:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/24 13:05	08/29/24 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/28/24 13:05	08/29/24 03:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/28/24 13:05	08/29/24 03:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-2

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/24 03:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/28/24 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 21:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 21:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/28/24 13:14	08/28/24 21:31	1
o-Terphenyl	92		70 - 130				08/28/24 13:14	08/28/24 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		4.96		mg/Kg			08/28/24 18:50	1

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

Lab Sample ID: 880-47797-3

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/28/24 13:05	08/29/24 03:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/28/24 13:05	08/29/24 03:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/28/24 13:05	08/29/24 03:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/28/24 13:05	08/29/24 03:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/28/24 13:05	08/29/24 03:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/28/24 13:05	08/29/24 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/28/24 13:05	08/29/24 03:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/24 13:05	08/29/24 03:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/29/24 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/24 21:46	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		08/28/24 13:14	08/28/24 21:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/28/24 21:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-3

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/28/24 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/28/24 13:14	08/28/24 21:46	1
o-Terphenyl	98		70 - 130				08/28/24 13:14	08/28/24 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.2		4.98		mg/Kg			08/28/24 18:57	1

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

Lab Sample ID: 880-47797-4

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 04:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 04:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 04:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/28/24 13:05	08/29/24 04:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 04:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/24 13:05	08/29/24 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/28/24 13:05	08/29/24 04:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/24 13:05	08/29/24 04:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/24 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/24 22:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 22:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 22:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				08/28/24 13:14	08/28/24 22:02	1
o-Terphenyl	106		70 - 130				08/28/24 13:14	08/28/24 22:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		4.97		mg/Kg			08/28/24 19:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-5

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/28/24 13:05	08/29/24 04:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/28/24 13:05	08/29/24 04:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/28/24 13:05	08/29/24 04:38	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/28/24 13:05	08/29/24 04:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/28/24 13:05	08/29/24 04:38	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/28/24 13:05	08/29/24 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/28/24 13:05	08/29/24 04:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/28/24 13:05	08/29/24 04:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/29/24 04:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/28/24 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 22:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 22:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	08/28/24 13:14	08/28/24 22:18	1
o-Terphenyl	93		70 - 130	08/28/24 13:14	08/28/24 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.9		4.96		mg/Kg			08/28/24 19:11	1

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

Lab Sample ID: 880-47797-6

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 04:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 04:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 04:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:05	08/29/24 04:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 04:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/24 13:05	08/29/24 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/28/24 13:05	08/29/24 04:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/28/24 13:05	08/29/24 04:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-6

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/24 04:58	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			08/28/24 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 22:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 22:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/28/24 13:14	08/28/24 22:33	1
o-Terphenyl	94		70 - 130				08/28/24 13:14	08/28/24 22:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.9		5.04		mg/Kg			08/28/24 19:33	1

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

Lab Sample ID: 880-47797-7

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:00	08/29/24 05:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:00	08/29/24 05:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:00	08/29/24 05:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/28/24 13:00	08/29/24 05:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:00	08/29/24 05:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/24 13:00	08/29/24 05:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/28/24 13:00	08/29/24 05:19	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/24 13:00	08/29/24 05:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/24 05:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/28/24 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/28/24 22:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/28/24 22:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-7

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/28/24 13:14	08/28/24 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/28/24 13:14	08/28/24 22:49	1
o-Terphenyl	96		70 - 130				08/28/24 13:14	08/28/24 22:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.4		4.98		mg/Kg			08/28/24 19:40	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-47797-8

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 05:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 05:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 05:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/28/24 13:05	08/29/24 05:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/28/24 13:05	08/29/24 05:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/28/24 13:05	08/29/24 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/28/24 13:05	08/29/24 05:39	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/28/24 13:05	08/29/24 05:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/29/24 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/28/24 23:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 23:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 23:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/28/24 13:14	08/28/24 23:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/28/24 13:14	08/28/24 23:04	1
o-Terphenyl	94		70 - 130				08/28/24 13:14	08/28/24 23:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.9		5.03		mg/Kg			08/28/24 19:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-47797-9

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 06:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 06:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 06:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/28/24 13:05	08/29/24 06:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/28/24 13:05	08/29/24 06:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/28/24 13:05	08/29/24 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/28/24 13:05	08/29/24 06:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/28/24 13:05	08/29/24 06:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/29/24 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/28/24 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 23:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 23:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/28/24 13:14	08/28/24 23:20	1
o-Terphenyl	98		70 - 130	08/28/24 13:14	08/28/24 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		4.98		mg/Kg			08/28/24 19:54	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-47791-A-1-B MS	Matrix Spike	118	107				
880-47791-A-1-C MSD	Matrix Spike Duplicate	121	102				
880-47797-1	H-1 (0-0.5')	112	96				
880-47797-2	H-2 (0-0.5')	110	98				
880-47797-3	H-3 (0-0.5')	111	97				
880-47797-4	H-4 (0-0.5')	112	97				
880-47797-5	H-5 (0-0.5')	111	96				
880-47797-6	H-6 (0-0.5')	111	98				
880-47797-7	H-7 (0-0.5')	110	97				
880-47797-8	H-8 (0-0.5')	115	97				
880-47797-9	H-9 (0-0.5')	112	97				
LCS 880-89559/1-A	Lab Control Sample	105	99				
LCSD 880-89559/2-A	Lab Control Sample Dup	104	98				
MB 880-89553/5-A	Method Blank	109	91				
MB 880-89559/5-A	Method Blank	109	92				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-47797-1	H-1 (0-0.5')	98	92				
880-47797-1 MS	H-1 (0-0.5')	93	92				
880-47797-1 MSD	H-1 (0-0.5')	93	93				
880-47797-2	H-2 (0-0.5')	101	92				
880-47797-3	H-3 (0-0.5')	107	98				
880-47797-4	H-4 (0-0.5')	117	106				
880-47797-5	H-5 (0-0.5')	101	93				
880-47797-6	H-6 (0-0.5')	103	94				
880-47797-7	H-7 (0-0.5')	105	96				
880-47797-8	H-8 (0-0.5')	103	94				
880-47797-9	H-9 (0-0.5')	107	98				
LCS 880-89598/2-A	Lab Control Sample	101	100				
LCSD 880-89598/3-A	Lab Control Sample Dup	82	100				
MB 880-89598/1-A	Method Blank	84	76				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89553/5-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 09:33	08/28/24 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/24 09:33	08/28/24 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/28/24 09:33	08/28/24 11:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/28/24 09:33	08/28/24 11:41	1

Lab Sample ID: MB 880-89559/5-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:28	08/28/24 22:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:28	08/28/24 22:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:28	08/28/24 22:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/28/24 10:28	08/28/24 22:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/28/24 10:28	08/28/24 22:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/28/24 10:28	08/28/24 22:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/28/24 10:28	08/28/24 22:38	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/28/24 10:28	08/28/24 22:38	1

Lab Sample ID: LCS 880-89559/1-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1093		mg/Kg		109	70 - 130
Toluene	0.100	0.1057		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1023		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2198		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-89559/2-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1128		mg/Kg		113	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-89559/2-A

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89559

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.1094		mg/Kg		109	70 - 130		3	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130		3	35
m-Xylene & p-Xylene	0.200	0.2261		mg/Kg		113	70 - 130		3	35
o-Xylene	0.100	0.1145		mg/Kg		115	70 - 130		3	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-47791-A-1-B MS

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89559

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00201	U	0.100	0.1103		mg/Kg		110	70 - 130	
Toluene	0.0460	F1	0.100	0.2079	F1	mg/Kg		162	70 - 130	
Ethylbenzene	<0.00201	U F1	0.100	0.07973		mg/Kg		80	70 - 130	
m-Xylene & p-Xylene	0.00513	F1	0.200	0.1772		mg/Kg		86	70 - 130	
o-Xylene	0.00330		0.100	0.09040		mg/Kg		87	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-47791-A-1-C MSD

Matrix: Solid

Analysis Batch: 89543

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89559

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00201	U	0.100	0.1114		mg/Kg		111	70 - 130		1	35
Toluene	0.0460	F1	0.100	0.1644		mg/Kg		118	70 - 130		23	35
Ethylbenzene	<0.00201	U F1	0.100	0.06114	F1	mg/Kg		61	70 - 130		26	35
m-Xylene & p-Xylene	0.00513	F1	0.200	0.1395	F1	mg/Kg		67	70 - 130		24	35
o-Xylene	0.00330		0.100	0.1024		mg/Kg		99	70 - 130		12	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-89598/1-A

Matrix: Solid

Analysis Batch: 89549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89598

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 19:57	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-89598/1-A

Matrix: Solid

Analysis Batch: 89549

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89598

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 19:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/28/24 13:14	08/28/24 19:57	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	84		70 - 130				08/28/24 13:14	08/28/24 19:57	1
o-Terphenyl	76		70 - 130				08/28/24 13:14	08/28/24 19:57	1

Lab Sample ID: LCS 880-89598/2-A

Matrix: Solid

Analysis Batch: 89549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89598

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	935.0		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	993.5		mg/Kg		99	70 - 130		
Surrogate	LCS	LCS	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: LCSD 880-89598/3-A

Matrix: Solid

Analysis Batch: 89549

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89598

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	952.2		mg/Kg		95	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130	7	20
Surrogate	LCSD	LCSD	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-47797-1 MS

Matrix: Solid

Analysis Batch: 89549

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

Prep Type: Total/NA

Prep Batch: 89598

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	875.7		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	754.1		mg/Kg		74	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	93		70 - 130								
o-Terphenyl	92		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-1 MSD

Matrix: Solid

Analysis Batch: 89549

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

Prep Type: Total/NA

Prep Batch: 89598

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	876.2		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	757.8		mg/Kg		74	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-89596/1-A

Matrix: Solid

Analysis Batch: 89603

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/28/24 18:07	1

Lab Sample ID: LCS 880-89596/2-A

Matrix: Solid

Analysis Batch: 89603

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.5		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-89596/3-A

Matrix: Solid

Analysis Batch: 89603

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	237.8		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-47797-1 MS

Matrix: Solid

Analysis Batch: 89603

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	59.4		249	297.1		mg/Kg		96	90 - 110

Lab Sample ID: 880-47797-1 MSD

Matrix: Solid

Analysis Batch: 89603

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	59.4		249	295.9		mg/Kg		95	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 89543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-2	H-2 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-3	H-3 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-4	H-4 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-5	H-5 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-6	H-6 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-7	H-7 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-8	H-8 (0-0.5')	Total/NA	Solid	8021B	89559
880-47797-9	H-9 (0-0.5')	Total/NA	Solid	8021B	89559
MB 880-89553/5-A	Method Blank	Total/NA	Solid	8021B	89553
MB 880-89559/5-A	Method Blank	Total/NA	Solid	8021B	89559
LCS 880-89559/1-A	Lab Control Sample	Total/NA	Solid	8021B	89559
LCSD 880-89559/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89559
880-47791-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	89559
880-47791-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89559

Prep Batch: 89553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-89553/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 89559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-47797-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-47797-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-47797-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-47797-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-47797-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-47797-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-47797-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-47797-9	H-9 (0-0.5')	Total/NA	Solid	5035	
MB 880-89559/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89559/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89559/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47791-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-47791-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 89718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47797-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 89549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	89598
MB 880-89598/1-A	Method Blank	Total/NA	Solid	8015B NM	89598
LCS 880-89598/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89598
LCSD 880-89598/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89598
880-47797-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	89598
880-47797-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	89598

Prep Batch: 89598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-89598/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89598/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89598/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47797-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47797-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 89693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-47797-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 89596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 89596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-89596/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89596/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89596/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47797-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-47797-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 89603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47797-1	H-1 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-2	H-2 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-3	H-3 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-4	H-4 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-5	H-5 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-6	H-6 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-7	H-7 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-8	H-8 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-9	H-9 (0-0.5')	Soluble	Solid	300.0	89596
MB 880-89596/1-A	Method Blank	Soluble	Solid	300.0	89596
LCS 880-89596/2-A	Lab Control Sample	Soluble	Solid	300.0	89596
LCSD 880-89596/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89596
880-47797-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	89596
880-47797-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	89596

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 02:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 02:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 20:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 20:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 18:28	SMC	EET MID

Client Sample ID: H-2 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 03:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 21:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 21:31	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 18:50	SMC	EET MID

Client Sample ID: H-3 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 03:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 03:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 21:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 21:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 18:57	SMC	EET MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 04:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 04:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-47797-4

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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			89693	08/28/24 22:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 22:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 19:04	SMC	EET MID

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

Lab Sample ID: 880-47797-5

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 04:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 22:18	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 19:11	SMC	EET MID

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

Lab Sample ID: 880-47797-6

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 04:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 04:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 22:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 22:33	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 19:33	SMC	EET MID

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

Lab Sample ID: 880-47797-7

Date Collected: 08/26/24 00:00

Matrix: Solid

Date Received: 08/27/24 16:20

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	89559	08/28/24 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 05:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 22:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 22:49	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 19:40	SMC	EET MID

Client Sample ID: H-8 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 05:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 23:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 23:04	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 19:47	SMC	EET MID

Client Sample ID: H-9 (0-0.5')
Date Collected: 08/26/24 00:00
Date Received: 08/27/24 16:20

Lab Sample ID: 880-47797-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	89559	08/28/24 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89543	08/29/24 06:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89718	08/29/24 06:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			89693	08/28/24 23:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89598	08/28/24 13:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89549	08/28/24 23:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	89596	08/28/24 13:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	89603	08/28/24 19:54	SMC	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-47797-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47797-1	H-1 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-2	H-2 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-3	H-3 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-4	H-4 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-5	H-5 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-6	H-6 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-7	H-7 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-8	H-8 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20
880-47797-9	H-9 (0-0.5')	Solid	08/26/24 00:00	08/27/24 16:20

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Chain of Custody



880-47797 Chain of Custody

Page 1 of 1

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			

Project Name: Blondie 2		Turn Around		Prea. Code	
Project Number: 2505		☒ Routine ☐ Rush			
Project Location: Lea County, New Mexico		Due Date:			
Sampler's Name: DD & DI					
PO #:					

SAMPLE RECEIPT Received Intact: Yes No Cooler Custody Seals: Yes No Sample Custody Seals: Yes No Total Containers: Yes No		Temp Blank: Yes No Thermometer ID: IRG Correction Factor: 0.7 Temperature Reading: 0.0 Corrected Temperature: 0.0		Wet Ice: Yes No Wet Ice: IRG Wet Ice: 0.7 Wet Ice: 0.0	
--	--	--	--	---	--

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-0.5')	8/26/2024		X		G	1		X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
H-2 (0-0.5')	8/26/2024		X		G	1		X	X			
H-3 (0-0.5')	8/26/2024		X		G	1		X	X			
H-4 (0-0.5')	8/26/2024		X		G	1		X	X			
H-5 (0-0.5')	8/26/2024		X		G	1		X	X			
H-6 (0-0.5')	8/26/2024		X		G	1		X	X			
H-7 (0-0.5')	8/26/2024		X		G	1		X	X			
H-8 (0-0.5')	8/26/2024		X		G	1		X	X			
H-9 (0-0.5')	8/26/2024		X		G	1		X	X			

Work Order Comments Program: ☐ PRP ☐ RRC ☐ Superfund State of Project: Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other:	
---	--

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		8/27/24				8/27/24	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-47797-1

SDG Number: Lea County, New Mexico

Login Number: 47797

List Number: 1

List Source: Eurofins Midland

Creator: Vasquez, Julisa

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/23/2024 3:28:58 PM

JOB DESCRIPTION

Blondie 2
Lea County, New Mexico

JOB NUMBER

880-48657-1



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
9/23/2024 3:28:58 PM

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

Client: Carmona Resources
Project/Site: Blondie 2

Laboratory Job ID: 880-48657-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Blondie 2

Job ID: 880-48657-1

Job ID: 880-48657-1

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Job Narrative 880-48657-1

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

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

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

Receipt

The samples were received on 9/18/2024 4:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-91176 and analytical batch 880-91170 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-91278 recovered under the lower control limit for Toluene and Ethylbenzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-91286 and analytical batch 880-91278 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91219 and analytical batch 880-91222 was outside the control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91220 and analytical batch 880-91224 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-91220/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (0.5')

Lab Sample ID: 880-48657-1

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 11:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:52	09/19/24 11:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:52	09/19/24 11:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/19/24 08:52	09/19/24 11:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:52	09/19/24 11:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/19/24 08:52	09/19/24 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	09/19/24 08:52	09/19/24 11:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/19/24 08:52	09/19/24 11:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/19/24 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/19/24 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 13:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 13:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/19/24 12:44	09/19/24 13:36	1
o-Terphenyl	76		70 - 130	09/19/24 12:44	09/19/24 13:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/19/24 13:02	1

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-48657-2

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 12:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/19/24 08:52	09/19/24 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 12:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/19/24 08:52	09/19/24 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/19/24 08:52	09/19/24 12:20	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:52	09/19/24 12:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (0.5')

Lab Sample ID: 880-48657-2

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			09/19/24 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/19/24 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		09/19/24 12:44	09/19/24 14:28	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/19/24 12:44	09/19/24 14:28	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/19/24 12:44	09/19/24 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/19/24 12:44	09/19/24 14:28	1
o-Terphenyl	75		70 - 130				09/19/24 12:44	09/19/24 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/19/24 13:18	1

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-48657-3

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 12:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:52	09/19/24 12:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:52	09/19/24 12:40	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/19/24 08:52	09/19/24 12:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:52	09/19/24 12:40	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/19/24 08:52	09/19/24 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/19/24 08:52	09/19/24 12:40	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/19/24 08:52	09/19/24 12:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/19/24 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/19/24 14:45	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	<49.7	U	49.7		mg/Kg		09/19/24 12:44	09/19/24 14:45	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/19/24 12:44	09/19/24 14:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (0.5')

Lab Sample ID: 880-48657-3

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/19/24 12:44	09/19/24 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/19/24 12:44	09/19/24 14:45	1
o-Terphenyl	77		70 - 130				09/19/24 12:44	09/19/24 14:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.25		4.96		mg/Kg			09/19/24 13:23	1

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-48657-4

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 13:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 13:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 13:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 13:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 13:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/19/24 08:52	09/19/24 13:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/19/24 08:52	09/19/24 13:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/19/24 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/24 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 15:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 15:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				09/19/24 12:44	09/19/24 15:02	1
o-Terphenyl	79		70 - 130				09/19/24 12:44	09/19/24 15:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/19/24 13:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-48657-5

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 13:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 13:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 13:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 13:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 13:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	09/19/24 08:52	09/19/24 13:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:52	09/19/24 13:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/19/24 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/19/24 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/19/24 12:44	09/19/24 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 12:44	09/19/24 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 12:44	09/19/24 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	09/19/24 12:44	09/19/24 15:19	1
o-Terphenyl	76		70 - 130	09/19/24 12:44	09/19/24 15:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/19/24 13:39	1

Client Sample ID: CS-6 (1')

Lab Sample ID: 880-48657-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 13:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 13:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 13:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/19/24 08:52	09/19/24 13:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 13:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/19/24 08:52	09/19/24 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/19/24 08:52	09/19/24 13:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:52	09/19/24 13:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (1')

Lab Sample ID: 880-48657-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/19/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/19/24 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/19/24 12:44	09/19/24 15:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/19/24 12:44	09/19/24 15:36	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/19/24 12:44	09/19/24 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/19/24 12:44	09/19/24 15:36	1
o-Terphenyl	79		70 - 130				09/19/24 12:44	09/19/24 15:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			09/19/24 13:56	1

Client Sample ID: CS-7 (1')

Lab Sample ID: 880-48657-7

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 14:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 14:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 14:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 14:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 14:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/19/24 08:52	09/19/24 14:02	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/19/24 08:52	09/19/24 14:02	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			09/19/24 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/19/24 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	<49.6	U	49.6		mg/Kg		09/19/24 12:44	09/19/24 15:53	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/19/24 12:44	09/19/24 15:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1')

Lab Sample ID: 880-48657-7

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/19/24 12:44	09/19/24 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/19/24 12:44	09/19/24 15:53	1
o-Terphenyl	79		70 - 130				09/19/24 12:44	09/19/24 15:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			09/19/24 14:01	1

Client Sample ID: CS-8 (1')

Lab Sample ID: 880-48657-8

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 14:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/19/24 08:52	09/19/24 14:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/19/24 08:52	09/19/24 14:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/19/24 08:52	09/19/24 14:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/19/24 08:52	09/19/24 14:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/19/24 08:52	09/19/24 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/19/24 08:52	09/19/24 14:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/19/24 08:52	09/19/24 14:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/19/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/19/24 16:09	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	<50.3	U	50.3		mg/Kg		09/19/24 12:44	09/19/24 16:09	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/19/24 12:44	09/19/24 16:09	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/19/24 12:44	09/19/24 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/19/24 12:44	09/19/24 16:09	1
o-Terphenyl	76		70 - 130				09/19/24 12:44	09/19/24 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/19/24 14:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (1')

Lab Sample ID: 880-48657-9

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 14:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 14:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 14:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/19/24 08:52	09/19/24 14:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 14:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/19/24 08:52	09/19/24 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/19/24 08:52	09/19/24 14:43	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/19/24 08:52	09/19/24 14:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/19/24 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/19/24 16:26	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	<50.1	U	50.1		mg/Kg		09/19/24 12:44	09/19/24 16:26	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/19/24 12:44	09/19/24 16:26	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/19/24 12:44	09/19/24 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/19/24 12:44	09/19/24 16:26	1
o-Terphenyl	81		70 - 130				09/19/24 12:44	09/19/24 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			09/19/24 14:12	1

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-48657-10

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 15:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/19/24 08:52	09/19/24 15:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/19/24 08:52	09/19/24 15:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/19/24 08:52	09/19/24 15:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/19/24 08:52	09/19/24 15:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/19/24 08:52	09/19/24 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/19/24 08:52	09/19/24 15:03	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/19/24 08:52	09/19/24 15:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-48657-10

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			09/19/24 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			09/19/24 16:42	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	<50.4	U	50.4		mg/Kg		09/19/24 12:44	09/19/24 16:42	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		09/19/24 12:44	09/19/24 16:42	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/19/24 12:44	09/19/24 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/19/24 12:44	09/19/24 16:42	1
o-Terphenyl	75		70 - 130				09/19/24 12:44	09/19/24 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/19/24 14:17	1

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-48657-11

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 16:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 16:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 16:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 16:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 16:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				09/19/24 08:52	09/19/24 16:38	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/19/24 08:52	09/19/24 16:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/19/24 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/19/24 17:15	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	<50.5	U	50.5		mg/Kg		09/19/24 12:44	09/19/24 17:15	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/19/24 12:44	09/19/24 17:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-48657-11

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/19/24 12:44	09/19/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/19/24 12:44	09/19/24 17:15	1
o-Terphenyl	77		70 - 130				09/19/24 12:44	09/19/24 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			09/19/24 14:23	1

Client Sample ID: CS-12 (1')

Lab Sample ID: 880-48657-12

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:52	09/19/24 16:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 16:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 16:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 16:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:52	09/19/24 16:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:52	09/19/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				09/19/24 08:52	09/19/24 16:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/19/24 08:52	09/19/24 16:59	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			09/19/24 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			09/19/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		09/19/24 12:44	09/19/24 17:31	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		09/19/24 12:44	09/19/24 17:31	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/19/24 12:44	09/19/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/19/24 12:44	09/19/24 17:31	1
o-Terphenyl	72		70 - 130				09/19/24 12:44	09/19/24 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			09/19/24 14:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (1')

Lab Sample ID: 880-48657-13

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/19/24 08:52	09/19/24 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/19/24 08:52	09/19/24 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/19/24 08:52	09/19/24 17:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:52	09/19/24 17:19	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			09/19/24 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/24 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 17:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 17:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	09/19/24 12:44	09/19/24 17:48	1
o-Terphenyl	73		70 - 130	09/19/24 12:44	09/19/24 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			09/19/24 14:44	1

Client Sample ID: CS-14 (1')

Lab Sample ID: 880-48657-14

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/19/24 08:52	09/19/24 17:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 17:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/19/24 08:52	09/19/24 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/19/24 08:52	09/19/24 17:40	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:52	09/19/24 17:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (1')

Lab Sample ID: 880-48657-14

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			09/19/24 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/19/24 18:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 18:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 18:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				09/19/24 12:44	09/19/24 18:04	1
o-Terphenyl	74		70 - 130				09/19/24 12:44	09/19/24 18:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/19/24 15:00	1

Client Sample ID: CS-15 (1')

Lab Sample ID: 880-48657-15

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/20/24 09:13	09/20/24 14:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:13	09/20/24 14:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:13	09/20/24 14:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/20/24 09:13	09/20/24 14:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:13	09/20/24 14:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/20/24 09:13	09/20/24 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/20/24 09:13	09/20/24 14:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/20/24 09:13	09/20/24 14:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/20/24 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/19/24 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/19/24 12:44	09/19/24 18:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (1')

Lab Sample ID: 880-48657-15

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 12:44	09/19/24 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/19/24 12:44	09/19/24 18:20	1
o-Terphenyl	75		70 - 130				09/19/24 12:44	09/19/24 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			09/19/24 15:06	1

Client Sample ID: CS-16 (1')

Lab Sample ID: 880-48657-16

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/20/24 09:13	09/20/24 14:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 14:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 14:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:13	09/20/24 14:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 14:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:13	09/20/24 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				09/20/24 09:13	09/20/24 14:53	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/20/24 09:13	09/20/24 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/20/24 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/19/24 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/19/24 12:44	09/19/24 18:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/19/24 12:44	09/19/24 18:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/19/24 12:44	09/19/24 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				09/19/24 12:44	09/19/24 18:37	1
o-Terphenyl	79		70 - 130				09/19/24 12:44	09/19/24 18:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			09/19/24 15:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-48657-17

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/20/24 09:13	09/20/24 15:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 15:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 15:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:13	09/20/24 15:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 15:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:13	09/20/24 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/20/24 09:13	09/20/24 15:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/20/24 09:13	09/20/24 15:14	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			09/20/24 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/24 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 18:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 18:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/19/24 12:44	09/19/24 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	09/19/24 12:44	09/19/24 18:53	1
o-Terphenyl	78		70 - 130	09/19/24 12:44	09/19/24 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/19/24 15:17	1

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-48657-18

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 16:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 16:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 16:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/20/24 09:13	09/20/24 16:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 16:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/20/24 09:13	09/20/24 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	09/20/24 09:13	09/20/24 16:36	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/20/24 09:13	09/20/24 16:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-48657-18

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/20/24 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/19/24 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/19/24 12:44	09/19/24 19:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 12:44	09/19/24 19:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 12:44	09/19/24 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/19/24 12:44	09/19/24 19:08	1
o-Terphenyl	76		70 - 130				09/19/24 12:44	09/19/24 19:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/19/24 15:22	1

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-48657-19

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/20/24 09:13	09/20/24 16:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 16:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 16:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:13	09/20/24 16:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:13	09/20/24 16:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:13	09/20/24 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/20/24 09:13	09/20/24 16:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130				09/20/24 09:13	09/20/24 16:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/20/24 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/19/24 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/19/24 12:44	09/19/24 19:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/19/24 12:44	09/19/24 19:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-48657-19

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 12:44	09/19/24 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/19/24 12:44	09/19/24 19:24	1
o-Terphenyl	73		70 - 130				09/19/24 12:44	09/19/24 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			09/19/24 15:27	1

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-48657-20

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/20/24 09:13	09/20/24 17:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:13	09/20/24 17:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:13	09/20/24 17:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/20/24 09:13	09/20/24 17:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:13	09/20/24 17:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/20/24 09:13	09/20/24 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				09/20/24 09:13	09/20/24 17:17	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/20/24 09:13	09/20/24 17:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/20/24 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	<50.3	U	50.3		mg/Kg			09/19/24 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/19/24 12:44	09/19/24 19:40	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/19/24 12:44	09/19/24 19:40	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/19/24 12:44	09/19/24 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/19/24 12:44	09/19/24 19:40	1
o-Terphenyl	71		70 - 130				09/19/24 12:44	09/19/24 19:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			09/19/24 15:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (0.5')

Lab Sample ID: 880-48657-21

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 16:21	1
Toluene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 16:21	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 16:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 16:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:37	09/19/24 16:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/19/24 08:37	09/19/24 16:21	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/19/24 08:37	09/19/24 16:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/19/24 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/19/24 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/19/24 12:48	09/19/24 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 12:48	09/19/24 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 12:48	09/19/24 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	09/19/24 12:48	09/19/24 15:19	1
o-Terphenyl	93		70 - 130	09/19/24 12:48	09/19/24 15:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.92		5.02		mg/Kg			09/20/24 00:54	1

Client Sample ID: SW-6 (0.5')

Lab Sample ID: 880-48657-22

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 16:41	1
Toluene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 16:41	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 16:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 16:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:37	09/19/24 16:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 16:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/19/24 08:37	09/19/24 16:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:37	09/19/24 16:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (0.5')

Lab Sample ID: 880-48657-22

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			09/19/24 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	<49.9	U	49.9		mg/Kg			09/19/24 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/19/24 12:48	09/19/24 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/19/24 12:48	09/19/24 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/19/24 12:48	09/19/24 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/19/24 12:48	09/19/24 15:36	1
o-Terphenyl	111		70 - 130				09/19/24 12:48	09/19/24 15:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/20/24 01:20	1

Client Sample ID: SW-7 (0.5')

Lab Sample ID: 880-48657-23

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:02	1
Toluene	<0.00200	U *	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:02	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/19/24 08:37	09/19/24 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/19/24 08:37	09/19/24 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				09/19/24 08:37	09/19/24 17:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/19/24 08:37	09/19/24 17:02	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			09/19/24 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			09/19/24 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	<50.2	U	50.2		mg/Kg		09/19/24 12:48	09/19/24 15:53	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		09/19/24 12:48	09/19/24 15:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (0.5')

Lab Sample ID: 880-48657-23

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/19/24 12:48	09/19/24 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/19/24 12:48	09/19/24 15:53	1
o-Terphenyl	100		70 - 130				09/19/24 12:48	09/19/24 15:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			09/20/24 01:29	1

Client Sample ID: SW-8 (0.5')

Lab Sample ID: 880-48657-24

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:23	1
Toluene	<0.00200	U *	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:23	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/19/24 08:37	09/19/24 17:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/19/24 08:37	09/19/24 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				09/19/24 08:37	09/19/24 17:23	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/19/24 08:37	09/19/24 17:23	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			09/19/24 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/19/24 16:09	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		09/19/24 12:48	09/19/24 16:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/19/24 12:48	09/19/24 16:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/19/24 12:48	09/19/24 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/19/24 12:48	09/19/24 16:09	1
o-Terphenyl	99		70 - 130				09/19/24 12:48	09/19/24 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			09/20/24 01:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (1')

Lab Sample ID: 880-48657-25

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:43	1
Toluene	<0.00200	U *	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:43	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/19/24 08:37	09/19/24 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 17:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/19/24 08:37	09/19/24 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/19/24 08:37	09/19/24 17:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/19/24 08:37	09/19/24 17:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/19/24 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/19/24 16:26	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	<50.3	U	50.3		mg/Kg		09/19/24 12:48	09/19/24 16:26	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/19/24 12:48	09/19/24 16:26	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/19/24 12:48	09/19/24 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/19/24 12:48	09/19/24 16:26	1
o-Terphenyl	100		70 - 130				09/19/24 12:48	09/19/24 16:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			09/20/24 01:46	1

Client Sample ID: SW-10 (1')

Lab Sample ID: 880-48657-26

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 18:04	1
Toluene	<0.00202	U *	0.00202		mg/Kg		09/19/24 08:37	09/19/24 18:04	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		09/19/24 08:37	09/19/24 18:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/19/24 08:37	09/19/24 18:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:37	09/19/24 18:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/19/24 08:37	09/19/24 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/19/24 08:37	09/19/24 18:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/19/24 08:37	09/19/24 18:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (1')

Lab Sample ID: 880-48657-26

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/19/24 18:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/19/24 16:42	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	<50.5	U	50.5		mg/Kg		09/19/24 12:48	09/19/24 16:42	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/19/24 12:48	09/19/24 16:42	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/19/24 12:48	09/19/24 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/19/24 12:48	09/19/24 16:42	1
o-Terphenyl	104		70 - 130				09/19/24 12:48	09/19/24 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 02:12	1

Client Sample ID: SW-11 (1')

Lab Sample ID: 880-48657-27

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 18:24	1
Toluene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 18:24	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 18:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 18:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:37	09/19/24 18:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/19/24 08:37	09/19/24 18:24	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/19/24 08:37	09/19/24 18:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/19/24 18:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/19/24 17:15	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		09/19/24 12:48	09/19/24 17:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 12:48	09/19/24 17:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (1')

Lab Sample ID: 880-48657-27

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 12:48	09/19/24 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/19/24 12:48	09/19/24 17:15	1
o-Terphenyl	98		70 - 130				09/19/24 12:48	09/19/24 17:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			09/20/24 02:21	1

Client Sample ID: SW-12 (1')

Lab Sample ID: 880-48657-28

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 18:45	1
Toluene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 18:45	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		09/19/24 08:37	09/19/24 18:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 18:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/19/24 08:37	09/19/24 18:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/19/24 08:37	09/19/24 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/19/24 08:37	09/19/24 18:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/19/24 08:37	09/19/24 18:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/19/24 18:45	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			09/19/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/19/24 12:48	09/19/24 17:31	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/19/24 12:48	09/19/24 17:31	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/19/24 12:48	09/19/24 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/19/24 12:48	09/19/24 17:31	1
o-Terphenyl	100		70 - 130				09/19/24 12:48	09/19/24 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 02:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (1')

Lab Sample ID: 880-48657-29

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 19:05	1
Toluene	<0.00202	U *	0.00202		mg/Kg		09/19/24 08:37	09/19/24 19:05	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		09/19/24 08:37	09/19/24 19:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/19/24 08:37	09/19/24 19:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:37	09/19/24 19:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/19/24 08:37	09/19/24 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/19/24 08:37	09/19/24 19:05	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/19/24 08:37	09/19/24 19:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/19/24 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/19/24 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/19/24 12:50	09/19/24 17:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/19/24 12:50	09/19/24 17:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/19/24 12:50	09/19/24 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/19/24 12:50	09/19/24 17:48	1
o-Terphenyl	100		70 - 130	09/19/24 12:50	09/19/24 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/24 02:38	1

Client Sample ID: SW-14 (1')

Lab Sample ID: 880-48657-30

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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		09/19/24 08:37	09/19/24 19:26	1
Toluene	<0.00202	U *	0.00202		mg/Kg		09/19/24 08:37	09/19/24 19:26	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		09/19/24 08:37	09/19/24 19:26	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/19/24 08:37	09/19/24 19:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/19/24 08:37	09/19/24 19:26	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/19/24 08:37	09/19/24 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	09/19/24 08:37	09/19/24 19:26	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/19/24 08:37	09/19/24 19:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/19/24 19:26	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.1	U	50.1		mg/Kg			09/19/24 18:04	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/19/24 12:50	09/19/24 18:04	1	
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/19/24 12:50	09/19/24 18:04	1	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/19/24 12:50	09/19/24 18:04	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	95		70 - 130				09/19/24 12:50	09/19/24 18:04	1	
o-Terphenyl	94		70 - 130				09/19/24 12:50	09/19/24 18:04	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.01	U	5.01		mg/Kg			09/20/24 02:47	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-48657-1	CS-1 (0.5')	113	100
880-48657-1 MS	CS-1 (0.5')	99	100
880-48657-1 MSD	CS-1 (0.5')	101	101
880-48657-2	CS-2 (0.5')	106	101
880-48657-3	CS-3 (0.5')	109	100
880-48657-4	CS-4 (0.5')	108	91
880-48657-5	CS-5 (0.5')	103	101
880-48657-6	CS-6 (1')	106	101
880-48657-7	CS-7 (1')	103	102
880-48657-8	CS-8 (1')	105	101
880-48657-9	CS-9 (1')	105	91
880-48657-10	CS-10 (1')	103	102
880-48657-11	CS-11 (1')	104	102
880-48657-12	CS-12 (1')	104	101
880-48657-13	CS-13 (1')	109	101
880-48657-14	CS-14 (1')	102	101
880-48657-15	CS-15 (1')	105	98
880-48657-16	CS-16 (1')	104	102
880-48657-17	SW-1 (0.5')	107	101
880-48657-18	SW-2 (0.5')	104	101
880-48657-19	SW-3 (0.5')	108	97
880-48657-20	SW-4 (0.5')	102	103
880-48657-21	SW-5 (0.5')	110	102
880-48657-22	SW-6 (0.5')	106	101
880-48657-23	SW-7 (0.5')	107	100
880-48657-24	SW-8 (0.5')	102	102
880-48657-25	SW-9 (1')	106	102
880-48657-26	SW-10 (1')	106	101
880-48657-27	SW-11 (1')	103	100
880-48657-28	SW-12 (1')	108	101
880-48657-29	SW-13 (1')	110	100
880-48657-30	SW-14 (1')	109	101
880-48665-A-1-A MS	Matrix Spike	100	97
880-48665-A-1-B MSD	Matrix Spike Duplicate	103	99
880-48738-A-1-A MS	Matrix Spike	98	101
880-48738-A-1-B MSD	Matrix Spike Duplicate	100	102
LCS 880-91176/1-A	Lab Control Sample	100	98
LCS 880-91179/1-A	Lab Control Sample	101	100
LCS 880-91286/1-A	Lab Control Sample	103	96
LCSD 880-91176/2-A	Lab Control Sample Dup	100	98
LCSD 880-91179/2-A	Lab Control Sample Dup	100	100
LCSD 880-91286/2-A	Lab Control Sample Dup	101	99
MB 880-91176/5-A	Method Blank	98	96
MB 880-91179/5-A	Method Blank	97	95
MB 880-91286/5-A	Method Blank	105	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-48657-1

Project/Site: Blondie 2

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-48527-A-1-K MS	Matrix Spike	113	122
880-48527-A-1-L MSD	Matrix Spike Duplicate	108	117
880-48657-1	CS-1 (0.5')	95	76
880-48657-1 MS	CS-1 (0.5')	91	83
880-48657-1 MSD	CS-1 (0.5')	113	81
880-48657-2	CS-2 (0.5')	96	75
880-48657-3	CS-3 (0.5')	98	77
880-48657-4	CS-4 (0.5')	101	79
880-48657-5	CS-5 (0.5')	96	76
880-48657-6	CS-6 (1')	97	79
880-48657-7	CS-7 (1')	97	79
880-48657-8	CS-8 (1')	96	76
880-48657-9	CS-9 (1')	99	81
880-48657-10	CS-10 (1')	94	75
880-48657-11	CS-11 (1')	95	77
880-48657-12	CS-12 (1')	91	72
880-48657-13	CS-13 (1')	92	73
880-48657-14	CS-14 (1')	94	74
880-48657-15	CS-15 (1')	95	75
880-48657-16	CS-16 (1')	97	79
880-48657-17	SW-1 (0.5')	96	78
880-48657-18	SW-2 (0.5')	96	76
880-48657-19	SW-3 (0.5')	91	73
880-48657-20	SW-4 (0.5')	88	71
880-48657-21	SW-5 (0.5')	98	93
880-48657-22	SW-6 (0.5')	115	111
880-48657-23	SW-7 (0.5')	104	100
880-48657-24	SW-8 (0.5')	104	99
880-48657-25	SW-9 (1')	105	100
880-48657-26	SW-10 (1')	107	104
880-48657-27	SW-11 (1')	102	98
880-48657-28	SW-12 (1')	105	100
880-48657-29	SW-13 (1')	106	100
880-48657-30	SW-14 (1')	95	94
LCS 880-91219/2-A	Lab Control Sample	108	101
LCS 880-91220/2-A	Lab Control Sample	119	132 S1+
LCSD 880-91219/3-A	Lab Control Sample Dup	106	97
LCSD 880-91220/3-A	Lab Control Sample Dup	113	123
MB 880-91219/1-A	Method Blank	79	68 S1-
MB 880-91220/1-A	Method Blank	89	159 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91176/5-A

Matrix: Solid

Analysis Batch: 91170

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 11:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/19/24 08:37	09/19/24 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:37	09/19/24 11:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/19/24 08:37	09/19/24 11:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/19/24 08:37	09/19/24 11:31	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/19/24 08:37	09/19/24 11:31	1

Lab Sample ID: LCS 880-91176/1-A

Matrix: Solid

Analysis Batch: 91170

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07140		mg/Kg		71	70 - 130
Toluene	0.100	0.06890	*-	mg/Kg		69	70 - 130
Ethylbenzene	0.100	0.06711	*-	mg/Kg		67	70 - 130
m-Xylene & p-Xylene	0.200	0.1425		mg/Kg		71	70 - 130
o-Xylene	0.100	0.07306		mg/Kg		73	70 - 130

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

Lab Sample ID: LCSD 880-91176/2-A

Matrix: Solid

Analysis Batch: 91170

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08384		mg/Kg		84	70 - 130	16	35
Toluene	0.100	0.08092		mg/Kg		81	70 - 130	16	35
Ethylbenzene	0.100	0.07915		mg/Kg		79	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1676		mg/Kg		84	70 - 130	16	35
o-Xylene	0.100	0.08484		mg/Kg		85	70 - 130	15	35

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

Lab Sample ID: 880-48665-A-1-A MS

Matrix: Solid

Analysis Batch: 91170

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.101	0.08273		mg/Kg		82	70 - 130
Toluene	<0.00202	U *-	0.101	0.07984		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48665-A-1-A MS

Matrix: Solid

Analysis Batch: 91170

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U *	0.101	0.07888		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1673		mg/Kg		83	70 - 130
o-Xylene	<0.00202	U	0.101	0.08422		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-48665-A-1-B MSD

Matrix: Solid

Analysis Batch: 91170

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91176

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0998	0.08732		mg/Kg		87	70 - 130	5	35
Toluene	<0.00202	U *	0.0998	0.08350		mg/Kg		84	70 - 130	4	35
Ethylbenzene	<0.00202	U *	0.0998	0.08314		mg/Kg		83	70 - 130	5	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1763		mg/Kg		88	70 - 130	5	35
o-Xylene	<0.00202	U	0.0998	0.08848		mg/Kg		89	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-91179/5-A

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/19/24 08:52	09/19/24 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 08:52	09/19/24 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/19/24 08:52	09/19/24 11:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	09/19/24 08:52	09/19/24 11:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/19/24 08:52	09/19/24 11:38	1

Lab Sample ID: LCS 880-91179/1-A

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07432		mg/Kg		74	70 - 130
Toluene	0.100	0.07623		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07681		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1584		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-91179/1-A

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.07998		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-91179/2-A

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91179

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08421		mg/Kg		84	70 - 130	12	35
Toluene	0.100	0.08649		mg/Kg		86	70 - 130	13	35
Ethylbenzene	0.100	0.08761		mg/Kg		88	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1799		mg/Kg		90	70 - 130	13	35
o-Xylene	0.100	0.09007		mg/Kg		90	70 - 130	12	35

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

Lab Sample ID: 880-48657-1 MS

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 91179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.101	0.08085		mg/Kg		80	70 - 130
Toluene	<0.00202	U	0.101	0.08144		mg/Kg		81	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.07965		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1630		mg/Kg		81	70 - 130
o-Xylene	<0.00202	U	0.101	0.08163		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-48657-1 MSD

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 91179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0998	0.08136		mg/Kg		82	70 - 130	1	35
Toluene	<0.00202	U	0.0998	0.08129		mg/Kg		81	70 - 130	0	35
Ethylbenzene	<0.00202	U	0.0998	0.07839		mg/Kg		79	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1596		mg/Kg		80	70 - 130	2	35
o-Xylene	<0.00202	U	0.0998	0.08020		mg/Kg		80	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48657-1 MSD

Matrix: Solid

Analysis Batch: 91171

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 91179

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

Lab Sample ID: MB 880-91286/5-A

Matrix: Solid

Analysis Batch: 91278

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91286

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 11:46	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 11:46	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 11:46	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/20/24 09:13	09/20/24 11:46	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:13	09/20/24 11:46	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/20/24 09:13	09/20/24 11:46	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/20/24 09:13	09/20/24 11:46	1	
1,4-Difluorobenzene (Surr)	100		70 - 130				09/20/24 09:13	09/20/24 11:46	1	

Lab Sample ID: LCS 880-91286/1-A

Matrix: Solid

Analysis Batch: 91278

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91286

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08770		mg/Kg		88	70 - 130			
Toluene	0.100	0.08316		mg/Kg		83	70 - 130			
Ethylbenzene	0.100	0.08243		mg/Kg		82	70 - 130			
m-Xylene & p-Xylene	0.200	0.1752		mg/Kg		88	70 - 130			
o-Xylene	0.100	0.08777		mg/Kg		88	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-91286/2-A

Matrix: Solid

Analysis Batch: 91278

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91286

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08996		mg/Kg		90	70 - 130	3	35	
Toluene	0.100	0.08564		mg/Kg		86	70 - 130	3	35	
Ethylbenzene	0.100	0.08470		mg/Kg		85	70 - 130	3	35	
m-Xylene & p-Xylene	0.200	0.1797		mg/Kg		90	70 - 130	3	35	
o-Xylene	0.100	0.09024		mg/Kg		90	70 - 130	3	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-91286/2-A

Matrix: Solid

Analysis Batch: 91278

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91286

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

Lab Sample ID: 880-48738-A-1-A MS

Matrix: Solid

Analysis Batch: 91278

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91286

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00202	U	0.101	0.07313		mg/Kg		73	70 - 130
Toluene	<0.00202	U F1	0.101	0.06131	F1	mg/Kg		61	70 - 130
Ethylbenzene	<0.00202	U F1	0.101	0.05325	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1	0.202	0.1116	F1	mg/Kg		55	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.05477	F1	mg/Kg		54	70 - 130

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

Lab Sample ID: 880-48738-A-1-B MSD

Matrix: Solid

Analysis Batch: 91278

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91286

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Benzene	<0.00202	U	0.0998	0.07284		mg/Kg		73	70 - 130	0
Toluene	<0.00202	U F1	0.0998	0.06175	F1	mg/Kg		62	70 - 130	1
Ethylbenzene	<0.00202	U F1	0.0998	0.05362	F1	mg/Kg		54	70 - 130	1
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1117	F1	mg/Kg		56	70 - 130	0
o-Xylene	<0.00202	U F1	0.0998	0.05422	F1	mg/Kg		54	70 - 130	1

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

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

Lab Sample ID: MB 880-91219/1-A

Matrix: Solid

Analysis Batch: 91222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91219

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/19/24 08:44	09/19/24 09:36	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 08:44	09/19/24 09:36	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 08:44	09/19/24 09:36	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	79		70 - 130	09/19/24 08:44	09/19/24 09:36	1				
o-Terphenyl	68	S1-	70 - 130	09/19/24 08:44	09/19/24 09:36	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-91219/2-A

Matrix: Solid

Analysis Batch: 91222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	995.1		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	849.9		mg/Kg		85	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	108		70 - 130				
o-Terphenyl	101		70 - 130				

Lab Sample ID: LCSD 880-91219/3-A

Matrix: Solid

Analysis Batch: 91222

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	977.3		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	798.5		mg/Kg		80	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	106		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: 880-48657-1 MS

Matrix: Solid

Analysis Batch: 91222

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 91219

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	1010	869.9		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	816.8		mg/Kg		81	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	91		70 - 130						
o-Terphenyl	83		70 - 130						

Lab Sample ID: 880-48657-1 MSD

Matrix: Solid

Analysis Batch: 91222

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 91219

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	1010	860.0		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	758.5		mg/Kg		75	70 - 130	7	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	113		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48657-1 MSD

Matrix: Solid

Analysis Batch: 91222

Client Sample ID: CS-1 (0.5')

Prep Type: Total/NA

Prep Batch: 91219

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	81		70 - 130

Lab Sample ID: MB 880-91220/1-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91220

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		09/19/24 08:48	09/19/24 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 08:48	09/19/24 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 08:48	09/19/24 09:36	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
%Recovery	Qualifier								
1-Chlorooctane	89		70 - 130				09/19/24 08:48	09/19/24 09:36	1
<i>o</i> -Terphenyl	159	S1+	70 - 130				09/19/24 08:48	09/19/24 09:36	1

Lab Sample ID: LCS 880-91220/2-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1019		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102	70 - 130
Surrogate	LCS	LCS	Limits				
%Recovery	Qualifier						
1-Chlorooctane	119		70 - 130				
<i>o</i> -Terphenyl	132	S1+	70 - 130				

Lab Sample ID: LCSD 880-91220/3-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	976.6		mg/Kg		98	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	961.3		mg/Kg		96	70 - 130	6	20
Surrogate	LCSD	LCSD	Limits						
%Recovery	Qualifier								
1-Chlorooctane	113		70 - 130						
<i>o</i> -Terphenyl	123		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48527-A-1-K MS

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	1073		mg/Kg		107		70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1112		mg/Kg		111		70 - 130
Surrogate	MS	MS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	113		70 - 130							
o-Terphenyl	122		70 - 130							

Lab Sample ID: 880-48527-A-1-L MSD

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	1056		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1056		mg/Kg		105	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	117		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91159/1-A

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<5.00	U	5.00		mg/Kg			09/19/24 12:45	1

Lab Sample ID: LCS 880-91159/2-A

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec
							Limits
Chloride	250	240.1		ma/Kq		96	90 - 110

Lab Sample ID: LCSD 880-91159/3-A

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride			250	241.1		mg/Kg	-	96	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-48657-1 MS

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: CS-1 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.96	U	248	240.1		mg/Kg		95	90 - 110		

Lab Sample ID: 880-48657-1 MSD

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: CS-1 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.96	U	248	240.8		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-48657-11 MS

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: CS-11 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.04	U	252	255.1		mg/Kg		100	90 - 110		

Lab Sample ID: 880-48657-11 MSD

Matrix: Solid

Analysis Batch: 91188

Client Sample ID: CS-11 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.04	U	252	254.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-91160/1-A

Matrix: Solid

Analysis Batch: 91192

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/24 00:27	1

Lab Sample ID: LCS 880-91160/2-A

Matrix: Solid

Analysis Batch: 91192

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride		250	236.4		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-91160/3-A

Matrix: Solid

Analysis Batch: 91192

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	235.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-48657-21 MS

Matrix: Solid

Analysis Batch: 91192

Client Sample ID: SW-5 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7.92		251	239.2		mg/Kg		92	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-48657-21 MSD					Client Sample ID: SW-5 (0.5')							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 91192												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	7.92		251	237.9		mg/Kg		92	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 91170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Total/NA	Solid	8021B	91176
880-48657-22	SW-6 (0.5')	Total/NA	Solid	8021B	91176
880-48657-23	SW-7 (0.5')	Total/NA	Solid	8021B	91176
880-48657-24	SW-8 (0.5')	Total/NA	Solid	8021B	91176
880-48657-25	SW-9 (1')	Total/NA	Solid	8021B	91176
880-48657-26	SW-10 (1')	Total/NA	Solid	8021B	91176
880-48657-27	SW-11 (1')	Total/NA	Solid	8021B	91176
880-48657-28	SW-12 (1')	Total/NA	Solid	8021B	91176
880-48657-29	SW-13 (1')	Total/NA	Solid	8021B	91176
880-48657-30	SW-14 (1')	Total/NA	Solid	8021B	91176
MB 880-91176/5-A	Method Blank	Total/NA	Solid	8021B	91176
LCS 880-91176/1-A	Lab Control Sample	Total/NA	Solid	8021B	91176
LCSD 880-91176/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91176
880-48665-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	91176
880-48665-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91176

Analysis Batch: 91171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Total/NA	Solid	8021B	91179
880-48657-2	CS-2 (0.5')	Total/NA	Solid	8021B	91179
880-48657-3	CS-3 (0.5')	Total/NA	Solid	8021B	91179
880-48657-4	CS-4 (0.5')	Total/NA	Solid	8021B	91179
880-48657-5	CS-5 (0.5')	Total/NA	Solid	8021B	91179
880-48657-6	CS-6 (1')	Total/NA	Solid	8021B	91179
880-48657-7	CS-7 (1')	Total/NA	Solid	8021B	91179
880-48657-8	CS-8 (1')	Total/NA	Solid	8021B	91179
880-48657-9	CS-9 (1')	Total/NA	Solid	8021B	91179
880-48657-10	CS-10 (1')	Total/NA	Solid	8021B	91179
880-48657-11	CS-11 (1')	Total/NA	Solid	8021B	91179
880-48657-12	CS-12 (1')	Total/NA	Solid	8021B	91179
880-48657-13	CS-13 (1')	Total/NA	Solid	8021B	91179
880-48657-14	CS-14 (1')	Total/NA	Solid	8021B	91179
MB 880-91179/5-A	Method Blank	Total/NA	Solid	8021B	91179
LCS 880-91179/1-A	Lab Control Sample	Total/NA	Solid	8021B	91179
LCSD 880-91179/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91179
880-48657-1 MS	CS-1 (0.5')	Total/NA	Solid	8021B	91179
880-48657-1 MSD	CS-1 (0.5')	Total/NA	Solid	8021B	91179

Prep Batch: 91176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Total/NA	Solid	5035	
880-48657-22	SW-6 (0.5')	Total/NA	Solid	5035	
880-48657-23	SW-7 (0.5')	Total/NA	Solid	5035	
880-48657-24	SW-8 (0.5')	Total/NA	Solid	5035	
880-48657-25	SW-9 (1')	Total/NA	Solid	5035	
880-48657-26	SW-10 (1')	Total/NA	Solid	5035	
880-48657-27	SW-11 (1')	Total/NA	Solid	5035	
880-48657-28	SW-12 (1')	Total/NA	Solid	5035	
880-48657-29	SW-13 (1')	Total/NA	Solid	5035	
880-48657-30	SW-14 (1')	Total/NA	Solid	5035	
MB 880-91176/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 91176 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-91176/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91176/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48665-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-48665-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 91179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Total/NA	Solid	5035	
880-48657-2	CS-2 (0.5')	Total/NA	Solid	5035	
880-48657-3	CS-3 (0.5')	Total/NA	Solid	5035	
880-48657-4	CS-4 (0.5')	Total/NA	Solid	5035	
880-48657-5	CS-5 (0.5')	Total/NA	Solid	5035	
880-48657-6	CS-6 (1')	Total/NA	Solid	5035	
880-48657-7	CS-7 (1')	Total/NA	Solid	5035	
880-48657-8	CS-8 (1')	Total/NA	Solid	5035	
880-48657-9	CS-9 (1')	Total/NA	Solid	5035	
880-48657-10	CS-10 (1')	Total/NA	Solid	5035	
880-48657-11	CS-11 (1')	Total/NA	Solid	5035	
880-48657-12	CS-12 (1')	Total/NA	Solid	5035	
880-48657-13	CS-13 (1')	Total/NA	Solid	5035	
880-48657-14	CS-14 (1')	Total/NA	Solid	5035	
MB 880-91179/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91179/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91179/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48657-1 MS	CS-1 (0.5')	Total/NA	Solid	5035	
880-48657-1 MSD	CS-1 (0.5')	Total/NA	Solid	5035	

Analysis Batch: 91278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-15	CS-15 (1')	Total/NA	Solid	8021B	91286
880-48657-16	CS-16 (1')	Total/NA	Solid	8021B	91286
880-48657-17	SW-1 (0.5')	Total/NA	Solid	8021B	91286
880-48657-18	SW-2 (0.5')	Total/NA	Solid	8021B	91286
880-48657-19	SW-3 (0.5')	Total/NA	Solid	8021B	91286
880-48657-20	SW-4 (0.5')	Total/NA	Solid	8021B	91286
MB 880-91286/5-A	Method Blank	Total/NA	Solid	8021B	91286
LCS 880-91286/1-A	Lab Control Sample	Total/NA	Solid	8021B	91286
LCSD 880-91286/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91286
880-48738-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	91286
880-48738-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91286

Prep Batch: 91286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-15	CS-15 (1')	Total/NA	Solid	5035	
880-48657-16	CS-16 (1')	Total/NA	Solid	5035	
880-48657-17	SW-1 (0.5')	Total/NA	Solid	5035	
880-48657-18	SW-2 (0.5')	Total/NA	Solid	5035	
880-48657-19	SW-3 (0.5')	Total/NA	Solid	5035	
880-48657-20	SW-4 (0.5')	Total/NA	Solid	5035	
MB 880-91286/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91286/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 91286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-91286/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48738-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-48738-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 91321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-2	CS-2 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-3	CS-3 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-4	CS-4 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-5	CS-5 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-6	CS-6 (1')	Total/NA	Solid	Total BTEX	
880-48657-7	CS-7 (1')	Total/NA	Solid	Total BTEX	
880-48657-8	CS-8 (1')	Total/NA	Solid	Total BTEX	
880-48657-9	CS-9 (1')	Total/NA	Solid	Total BTEX	
880-48657-10	CS-10 (1')	Total/NA	Solid	Total BTEX	
880-48657-11	CS-11 (1')	Total/NA	Solid	Total BTEX	
880-48657-12	CS-12 (1')	Total/NA	Solid	Total BTEX	
880-48657-13	CS-13 (1')	Total/NA	Solid	Total BTEX	
880-48657-14	CS-14 (1')	Total/NA	Solid	Total BTEX	
880-48657-15	CS-15 (1')	Total/NA	Solid	Total BTEX	
880-48657-16	CS-16 (1')	Total/NA	Solid	Total BTEX	
880-48657-17	SW-1 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-18	SW-2 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-19	SW-3 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-20	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-21	SW-5 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-22	SW-6 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-23	SW-7 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-24	SW-8 (0.5')	Total/NA	Solid	Total BTEX	
880-48657-25	SW-9 (1')	Total/NA	Solid	Total BTEX	
880-48657-26	SW-10 (1')	Total/NA	Solid	Total BTEX	
880-48657-27	SW-11 (1')	Total/NA	Solid	Total BTEX	
880-48657-28	SW-12 (1')	Total/NA	Solid	Total BTEX	
880-48657-29	SW-13 (1')	Total/NA	Solid	Total BTEX	
880-48657-30	SW-14 (1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-2	CS-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-3	CS-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-4	CS-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-5	CS-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-6	CS-6 (1')	Total/NA	Solid	8015NM Prep	
880-48657-7	CS-7 (1')	Total/NA	Solid	8015NM Prep	
880-48657-8	CS-8 (1')	Total/NA	Solid	8015NM Prep	
880-48657-9	CS-9 (1')	Total/NA	Solid	8015NM Prep	
880-48657-10	CS-10 (1')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 91219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-11	CS-11 (1')	Total/NA	Solid	8015NM Prep	
880-48657-12	CS-12 (1')	Total/NA	Solid	8015NM Prep	
880-48657-13	CS-13 (1')	Total/NA	Solid	8015NM Prep	
880-48657-14	CS-14 (1')	Total/NA	Solid	8015NM Prep	
880-48657-15	CS-15 (1')	Total/NA	Solid	8015NM Prep	
880-48657-16	CS-16 (1')	Total/NA	Solid	8015NM Prep	
880-48657-17	SW-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-18	SW-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-19	SW-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-20	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-91219/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91219/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91219/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48657-1 MS	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-1 MSD	CS-1 (0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 91220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-22	SW-6 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-23	SW-7 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-24	SW-8 (0.5')	Total/NA	Solid	8015NM Prep	
880-48657-25	SW-9 (1')	Total/NA	Solid	8015NM Prep	
880-48657-26	SW-10 (1')	Total/NA	Solid	8015NM Prep	
880-48657-27	SW-11 (1')	Total/NA	Solid	8015NM Prep	
880-48657-28	SW-12 (1')	Total/NA	Solid	8015NM Prep	
880-48657-29	SW-13 (1')	Total/NA	Solid	8015NM Prep	
880-48657-30	SW-14 (1')	Total/NA	Solid	8015NM Prep	
MB 880-91220/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91220/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91220/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48527-A-1-K MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-48527-A-1-L MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-2	CS-2 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-3	CS-3 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-4	CS-4 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-5	CS-5 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-6	CS-6 (1')	Total/NA	Solid	8015B NM	91219
880-48657-7	CS-7 (1')	Total/NA	Solid	8015B NM	91219
880-48657-8	CS-8 (1')	Total/NA	Solid	8015B NM	91219
880-48657-9	CS-9 (1')	Total/NA	Solid	8015B NM	91219
880-48657-10	CS-10 (1')	Total/NA	Solid	8015B NM	91219
880-48657-11	CS-11 (1')	Total/NA	Solid	8015B NM	91219
880-48657-12	CS-12 (1')	Total/NA	Solid	8015B NM	91219
880-48657-13	CS-13 (1')	Total/NA	Solid	8015B NM	91219
880-48657-14	CS-14 (1')	Total/NA	Solid	8015B NM	91219
880-48657-15	CS-15 (1')	Total/NA	Solid	8015B NM	91219

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 91222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-16	CS-16 (1')	Total/NA	Solid	8015B NM	91219
880-48657-17	SW-1 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-18	SW-2 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-19	SW-3 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-20	SW-4 (0.5')	Total/NA	Solid	8015B NM	91219
MB 880-91219/1-A	Method Blank	Total/NA	Solid	8015B NM	91219
LCS 880-91219/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91219
LCSD 880-91219/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91219
880-48657-1 MS	CS-1 (0.5')	Total/NA	Solid	8015B NM	91219
880-48657-1 MSD	CS-1 (0.5')	Total/NA	Solid	8015B NM	91219

Analysis Batch: 91224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Total/NA	Solid	8015B NM	91220
880-48657-22	SW-6 (0.5')	Total/NA	Solid	8015B NM	91220
880-48657-23	SW-7 (0.5')	Total/NA	Solid	8015B NM	91220
880-48657-24	SW-8 (0.5')	Total/NA	Solid	8015B NM	91220
880-48657-25	SW-9 (1')	Total/NA	Solid	8015B NM	91220
880-48657-26	SW-10 (1')	Total/NA	Solid	8015B NM	91220
880-48657-27	SW-11 (1')	Total/NA	Solid	8015B NM	91220
880-48657-28	SW-12 (1')	Total/NA	Solid	8015B NM	91220
880-48657-29	SW-13 (1')	Total/NA	Solid	8015B NM	91220
880-48657-30	SW-14 (1')	Total/NA	Solid	8015B NM	91220
MB 880-91220/1-A	Method Blank	Total/NA	Solid	8015B NM	91220
LCS 880-91220/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91220
LCSD 880-91220/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91220
880-48527-A-1-K MS	Matrix Spike	Total/NA	Solid	8015B NM	91220
880-48527-A-1-L MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91220

Analysis Batch: 91306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Total/NA	Solid	8015 NM	
880-48657-2	CS-2 (0.5')	Total/NA	Solid	8015 NM	
880-48657-3	CS-3 (0.5')	Total/NA	Solid	8015 NM	
880-48657-4	CS-4 (0.5')	Total/NA	Solid	8015 NM	
880-48657-5	CS-5 (0.5')	Total/NA	Solid	8015 NM	
880-48657-6	CS-6 (1')	Total/NA	Solid	8015 NM	
880-48657-7	CS-7 (1')	Total/NA	Solid	8015 NM	
880-48657-8	CS-8 (1')	Total/NA	Solid	8015 NM	
880-48657-9	CS-9 (1')	Total/NA	Solid	8015 NM	
880-48657-10	CS-10 (1')	Total/NA	Solid	8015 NM	
880-48657-11	CS-11 (1')	Total/NA	Solid	8015 NM	
880-48657-12	CS-12 (1')	Total/NA	Solid	8015 NM	
880-48657-13	CS-13 (1')	Total/NA	Solid	8015 NM	
880-48657-14	CS-14 (1')	Total/NA	Solid	8015 NM	
880-48657-15	CS-15 (1')	Total/NA	Solid	8015 NM	
880-48657-16	CS-16 (1')	Total/NA	Solid	8015 NM	
880-48657-17	SW-1 (0.5')	Total/NA	Solid	8015 NM	
880-48657-18	SW-2 (0.5')	Total/NA	Solid	8015 NM	
880-48657-19	SW-3 (0.5')	Total/NA	Solid	8015 NM	
880-48657-20	SW-4 (0.5')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 91306 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Total/NA	Solid	8015 NM	
880-48657-22	SW-6 (0.5')	Total/NA	Solid	8015 NM	
880-48657-23	SW-7 (0.5')	Total/NA	Solid	8015 NM	
880-48657-24	SW-8 (0.5')	Total/NA	Solid	8015 NM	
880-48657-25	SW-9 (1')	Total/NA	Solid	8015 NM	
880-48657-26	SW-10 (1')	Total/NA	Solid	8015 NM	
880-48657-27	SW-11 (1')	Total/NA	Solid	8015 NM	
880-48657-28	SW-12 (1')	Total/NA	Solid	8015 NM	
880-48657-29	SW-13 (1')	Total/NA	Solid	8015 NM	
880-48657-30	SW-14 (1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 91159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-48657-2	CS-2 (0.5')	Soluble	Solid	DI Leach	
880-48657-3	CS-3 (0.5')	Soluble	Solid	DI Leach	
880-48657-4	CS-4 (0.5')	Soluble	Solid	DI Leach	
880-48657-5	CS-5 (0.5')	Soluble	Solid	DI Leach	
880-48657-6	CS-6 (1')	Soluble	Solid	DI Leach	
880-48657-7	CS-7 (1')	Soluble	Solid	DI Leach	
880-48657-8	CS-8 (1')	Soluble	Solid	DI Leach	
880-48657-9	CS-9 (1')	Soluble	Solid	DI Leach	
880-48657-10	CS-10 (1')	Soluble	Solid	DI Leach	
880-48657-11	CS-11 (1')	Soluble	Solid	DI Leach	
880-48657-12	CS-12 (1')	Soluble	Solid	DI Leach	
880-48657-13	CS-13 (1')	Soluble	Solid	DI Leach	
880-48657-14	CS-14 (1')	Soluble	Solid	DI Leach	
880-48657-15	CS-15 (1')	Soluble	Solid	DI Leach	
880-48657-16	CS-16 (1')	Soluble	Solid	DI Leach	
880-48657-17	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-48657-18	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-48657-19	SW-3 (0.5')	Soluble	Solid	DI Leach	
880-48657-20	SW-4 (0.5')	Soluble	Solid	DI Leach	
MB 880-91159/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91159/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91159/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48657-1 MS	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-48657-1 MSD	CS-1 (0.5')	Soluble	Solid	DI Leach	
880-48657-11 MS	CS-11 (1')	Soluble	Solid	DI Leach	
880-48657-11 MSD	CS-11 (1')	Soluble	Solid	DI Leach	

Leach Batch: 91160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Soluble	Solid	DI Leach	
880-48657-22	SW-6 (0.5')	Soluble	Solid	DI Leach	
880-48657-23	SW-7 (0.5')	Soluble	Solid	DI Leach	
880-48657-24	SW-8 (0.5')	Soluble	Solid	DI Leach	
880-48657-25	SW-9 (1')	Soluble	Solid	DI Leach	
880-48657-26	SW-10 (1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 91160 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-27	SW-11 (1')	Soluble	Solid	DI Leach	
880-48657-28	SW-12 (1')	Soluble	Solid	DI Leach	
880-48657-29	SW-13 (1')	Soluble	Solid	DI Leach	
880-48657-30	SW-14 (1')	Soluble	Solid	DI Leach	
MB 880-91160/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91160/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91160/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48657-21 MS	SW-5 (0.5')	Soluble	Solid	DI Leach	
880-48657-21 MSD	SW-5 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 91188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-1	CS-1 (0.5')	Soluble	Solid	300.0	91159
880-48657-2	CS-2 (0.5')	Soluble	Solid	300.0	91159
880-48657-3	CS-3 (0.5')	Soluble	Solid	300.0	91159
880-48657-4	CS-4 (0.5')	Soluble	Solid	300.0	91159
880-48657-5	CS-5 (0.5')	Soluble	Solid	300.0	91159
880-48657-6	CS-6 (1')	Soluble	Solid	300.0	91159
880-48657-7	CS-7 (1')	Soluble	Solid	300.0	91159
880-48657-8	CS-8 (1')	Soluble	Solid	300.0	91159
880-48657-9	CS-9 (1')	Soluble	Solid	300.0	91159
880-48657-10	CS-10 (1')	Soluble	Solid	300.0	91159
880-48657-11	CS-11 (1')	Soluble	Solid	300.0	91159
880-48657-12	CS-12 (1')	Soluble	Solid	300.0	91159
880-48657-13	CS-13 (1')	Soluble	Solid	300.0	91159
880-48657-14	CS-14 (1')	Soluble	Solid	300.0	91159
880-48657-15	CS-15 (1')	Soluble	Solid	300.0	91159
880-48657-16	CS-16 (1')	Soluble	Solid	300.0	91159
880-48657-17	SW-1 (0.5')	Soluble	Solid	300.0	91159
880-48657-18	SW-2 (0.5')	Soluble	Solid	300.0	91159
880-48657-19	SW-3 (0.5')	Soluble	Solid	300.0	91159
880-48657-20	SW-4 (0.5')	Soluble	Solid	300.0	91159
MB 880-91159/1-A	Method Blank	Soluble	Solid	300.0	91159
LCS 880-91159/2-A	Lab Control Sample	Soluble	Solid	300.0	91159
LCSD 880-91159/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91159
880-48657-1 MS	CS-1 (0.5')	Soluble	Solid	300.0	91159
880-48657-1 MSD	CS-1 (0.5')	Soluble	Solid	300.0	91159
880-48657-11 MS	CS-11 (1')	Soluble	Solid	300.0	91159
880-48657-11 MSD	CS-11 (1')	Soluble	Solid	300.0	91159

Analysis Batch: 91192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-21	SW-5 (0.5')	Soluble	Solid	300.0	91160
880-48657-22	SW-6 (0.5')	Soluble	Solid	300.0	91160
880-48657-23	SW-7 (0.5')	Soluble	Solid	300.0	91160
880-48657-24	SW-8 (0.5')	Soluble	Solid	300.0	91160
880-48657-25	SW-9 (1')	Soluble	Solid	300.0	91160
880-48657-26	SW-10 (1')	Soluble	Solid	300.0	91160
880-48657-27	SW-11 (1')	Soluble	Solid	300.0	91160
880-48657-28	SW-12 (1')	Soluble	Solid	300.0	91160
880-48657-29	SW-13 (1')	Soluble	Solid	300.0	91160

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 91192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48657-30	SW-14 (1')	Soluble	Solid	300.0	91160
MB 880-91160/1-A	Method Blank	Soluble	Solid	300.0	91160
LCS 880-91160/2-A	Lab Control Sample	Soluble	Solid	300.0	91160
LCSD 880-91160/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91160
880-48657-21 MS	SW-5 (0.5')	Soluble	Solid	300.0	91160
880-48657-21 MSD	SW-5 (0.5')	Soluble	Solid	300.0	91160

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- 13
- 14

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 11:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 11:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 13:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 13:36	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 13:02	CH	EET MID

Client Sample ID: CS-2 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 12:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 14:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 13:18	CH	EET MID

Client Sample ID: CS-3 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 14:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 13:23	CH	EET MID

Client Sample ID: CS-4 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 13:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 13:01	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (0.5')

Lab Sample ID: 880-48657-4

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			91306	09/19/24 15:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 15:02	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 13:34	CH	EET MID

Client Sample ID: CS-5 (0.5')

Lab Sample ID: 880-48657-5

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 13:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 13:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 15:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 15:19	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 13:39	CH	EET MID

Client Sample ID: CS-6 (1')

Lab Sample ID: 880-48657-6

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 13:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 15:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 15:36	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 13:56	CH	EET MID

Client Sample ID: CS-7 (1')

Lab Sample ID: 880-48657-7

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 15:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 15:53	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:01	CH	EET MID

Client Sample ID: CS-8 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 14:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 16:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 16:09	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:06	CH	EET MID

Client Sample ID: CS-9 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 14:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 16:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 16:26	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:12	CH	EET MID

Client Sample ID: CS-10 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 16:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 16:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:17	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 16:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 17:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 17:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:23	CH	EET MID

Client Sample ID: CS-12 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 16:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 17:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 17:31	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:39	CH	EET MID

Client Sample ID: CS-13 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 17:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 17:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 17:48	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 14:44	CH	EET MID

Client Sample ID: CS-14 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91179	09/19/24 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91171	09/19/24 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 17:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (1')

Lab Sample ID: 880-48657-14

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			91306	09/19/24 18:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 18:04	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:00	CH	EET MID

Client Sample ID: CS-15 (1')

Lab Sample ID: 880-48657-15

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91286	09/20/24 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91278	09/20/24 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/20/24 14:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 18:20	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:06	CH	EET MID

Client Sample ID: CS-16 (1')

Lab Sample ID: 880-48657-16

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91286	09/20/24 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91278	09/20/24 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/20/24 14:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 18:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 18:37	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:11	CH	EET MID

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-48657-17

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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	91286	09/20/24 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91278	09/20/24 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/20/24 15:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 18:53	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-48657-17

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:17	CH	EET MID

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-48657-18

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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	91286	09/20/24 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91278	09/20/24 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/20/24 16:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 19:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 19:08	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:22	CH	EET MID

Client Sample ID: SW-3 (0.5')

Lab Sample ID: 880-48657-19

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91286	09/20/24 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91278	09/20/24 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/20/24 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 19:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 19:24	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:27	CH	EET MID

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-48657-20

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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	91286	09/20/24 09:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91278	09/20/24 17:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/20/24 17:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 19:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	91219	09/19/24 12:44	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91222	09/19/24 19:40	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91159	09/19/24 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91188	09/19/24 15:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 16:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 16:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 15:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 15:19	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 00:54	CH	EET MID

Client Sample ID: SW-6 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 16:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 16:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 15:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 15:36	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 01:20	CH	EET MID

Client Sample ID: SW-7 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 17:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 17:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 15:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 15:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 01:29	CH	EET MID

Client Sample ID: SW-8 (0.5')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 17:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (0.5')

Lab Sample ID: 880-48657-24

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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			91306	09/19/24 16:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 16:09	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 01:37	CH	EET MID

Client Sample ID: SW-9 (1')

Lab Sample ID: 880-48657-25

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

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	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 17:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 17:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 16:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 16:26	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 01:46	CH	EET MID

Client Sample ID: SW-10 (1')

Lab Sample ID: 880-48657-26

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 18:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 16:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 16:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 02:12	CH	EET MID

Client Sample ID: SW-11 (1')

Lab Sample ID: 880-48657-27

Date Collected: 09/18/24 00:00

Matrix: Solid

Date Received: 09/18/24 16:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 18:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 18:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 17:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 17:15	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 02:21	CH	EET MID

Client Sample ID: SW-12 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 18:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 17:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	91220	09/19/24 12:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 17:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 02:30	CH	EET MID

Client Sample ID: SW-13 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 19:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 17:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	91220	09/19/24 12:50	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 17:48	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 02:38	CH	EET MID

Client Sample ID: SW-14 (1')
Date Collected: 09/18/24 00:00
Date Received: 09/18/24 16:26

Lab Sample ID: 880-48657-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91176	09/19/24 08:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91170	09/19/24 19:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91321	09/19/24 19:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			91306	09/19/24 18:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	91220	09/19/24 12:50	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 18:04	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	91160	09/19/24 07:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91192	09/20/24 02:47	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea 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: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48657-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48657-1	CS-1 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-2	CS-2 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-3	CS-3 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-4	CS-4 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-5	CS-5 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-6	CS-6 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-7	CS-7 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-8	CS-8 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-9	CS-9 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-10	CS-10 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-11	CS-11 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-12	CS-12 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-13	CS-13 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-14	CS-14 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-15	CS-15 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-16	CS-16 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-17	SW-1 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-18	SW-2 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-19	SW-3 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-20	SW-4 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-21	SW-5 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-22	SW-6 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-23	SW-7 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-24	SW-8 (0.5')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-25	SW-9 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-26	SW-10 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-27	SW-11 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-28	SW-12 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-29	SW-13 (1')	Solid	09/18/24 00:00	09/18/24 16:26
880-48657-30	SW-14 (1')	Solid	09/18/24 00:00	09/18/24 16:26

Chain of Custody

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880-48657 Chain of Custody

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Project Manager:	Devin Dominguez	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@carmonaresources.com
Work Order Comments Program: ☐ UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐ State of Project: Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐ Deliverables: EDD ☐ ADAPT ☐ Other:			

Project Name:	Blondie 2	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2505	☐ Routine ☒ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:	72 HR TAT													Coel: Coel	MeOH: Me	
Sampler's Name:	PB															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank: Yes No	Thermometer ID: Yes No	Wet Ice: Yes No	Parameters														
Received Intact:	Yes No	Correction Factor:																
Cooler Custody Seals:	Yes No	Temperature Reading:																
Sample Custody Seals:	Yes No	Corrected Temperature:																
Total Containers:																		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-1 (0.5')	9/18/2024		X		C	1	X	X	X	X								
CS-2 (0.5')	9/18/2024		X		C	1	X	X	X	X								
CS-3 (0.5')	9/18/2024		X		C	1	X	X	X	X								
CS-4 (0.5')	9/18/2024		X		C	1	X	X	X	X								
CS-5 (0.5')	9/18/2024		X		C	1	X	X	X	X								
CS-6 (1')	9/18/2024		X		C	1	X	X	X	X								
CS-7 (1')	9/18/2024		X		C	1	X	X	X	X								
CS-8 (1')	9/18/2024		X		C	1	X	X	X	X								
CS-9 (1')	9/18/2024		X		C	1	X	X	X	X								
CS-10 (1')	9/18/2024		X		C	1	X	X	X	X								

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/18/24@14:34		9/18/24 1440

Chain of Custody

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Work Order No: 6571

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Project Manager:	Devin Dominguez	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@camronaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfield ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Blondie 2	Turn Around	Prs. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	2505	☐ Routine ☒ Rush												None: NO	DI Water: H ₂ O
Project Location:	Lea County, New Mexico	Due Date:	72 HR TAT											Cool: Cool	MeOH: Me
Sampler's Name:	PB													HCL: HC	HNO ₃ : HN
PO #:														H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No	Wet Ice:	Yes	No	Parameters						H ₃ PO ₄ : HP
Received Intact:	Yes	No		Thermometer ID:					BTX 8021B						NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:					TPH 8015M (GRO + DRO + MRO)						Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:					Chloride 300.0						Zn Acetate+NaOH: Zn
Total Containers:				Corrected Temperature:											NaOH+Acetic Acid: SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont									Sample Comments
CS-11 (1')	9/18/2024		X		C	1	X	X	X						
CS-12 (1')	9/18/2024		X		C	1	X	X	X						
CS-13 (1')	9/18/2024		X		C	1	X	X	X						
CS-14 (1')	9/18/2024		X		C	1	X	X	X						
CS-15 (1')	9/18/2024		X		C	1	X	X	X						
CS-16 (1')	9/18/2024		X		C	1	X	X	X						
SW-1 (0.5')	9/18/2024		X		C	1	X	X	X						
SW-2 (0.5')	9/18/2024		X		C	1	X	X	X						
SW-3 (0.5')	9/18/2024		X		C	1	X	X	X						
SW-4 (0.5')	9/18/2024		X		C	1	X	X	X						

Comments: Email to Mike Camrona / Mcamrona@camronaresources.com and Conner Moehring / Cmoehring@camronaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/18/24 14:39		9/18/24 14:40

Chain of Custody

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Work Order No: 657

Page 3 of 3

Project Manager:	Devín Dominguez	Bill to: (if different)	Camrona Resources
Company Name:	Camrona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-701-5475	Email:	mcarmona@camronaresources.com

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

Project Name:		Blondie 2		Turn Around			Param. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2505	☐ Routine	☒ Rush	Due Date:	72 HR TAT												None: NO	DI Water: H ₂ O			
Project Location:	Lea County, New Mexico																Cool: Cool	MeOH: Me			
Sampler's Name:	PB																HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No	Wet Ice:	Yes	No	Parameters									H ₃ PO ₄ : HP			
Received Intact:	Yes	No	Thermometer ID:																		
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:																	
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:																	
Total Containers:			Corrected Temperature:																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-5 (0.5')		9/18/2024		X		C	1	X	X	X											
SW-6 (0.5')		9/18/2024		X		C	1	X	X	X											
SW-7 (0.5')		9/18/2024		X		C	1	X	X	X											
SW-8 (0.5')		9/18/2024		X		C	1	X	X	X											
SW-9 (1')		9/18/2024		X		C	1	X	X	X											
SW-10 (1')		9/18/2024		X		C	1	X	X	X											
SW-11 (1')		9/18/2024		X		C	1	X	X	X											
SW-12 (1')		9/18/2024		X		C	1	X	X	X											
SW-13 (1')		9/18/2024		X		C	1	X	X	X											
SW-14 (1')		9/18/2024		X		C	1	X	X	X											
								BTX 8021B													
								TPH 8015M (GRO + DRO + MRO)													
								Chloride 300.0													

Comments: Email to Mike Camrona / Mcamrona@camronaresources.com and Conner Moehring / Cmoehring@camronaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/18/24@14:39		9/18/24 1440

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48657-1
SDG Number: Lea County, New Mexico

Login Number: 48657

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/23/2024 12:37:38 PM

JOB DESCRIPTION

Blondie 2
Lea County, New Mexico

JOB NUMBER

880-48733-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

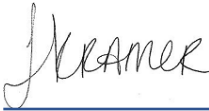
Eurofins Midland

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
9/23/2024 12:37:38 PM

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

Client: Carmona Resources
Project/Site: Blondie 2

Laboratory Job ID: 880-48733-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Blondie 2

Job ID: 880-48733-1

Job ID: 880-48733-1

Eurofins Midland

**Job Narrative
880-48733-1**

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

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

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

Receipt

The samples were received on 9/19/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.7°C.

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-91287 and analytical batch 880-91281 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-91287 and analytical batch 880-91281 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-18 (1') (880-48733-2). 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-17 (1') (880-48733-1), CS-22 (1') (880-48733-6), CS-26 (1') (880-48733-10) and (880-48695-A-1-G). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91260 and analytical batch 880-91396 was outside the upper control limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-91396 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-91396/21).

Method 8015MOD_NM: The method blank for preparation batch 880-91400 and analytical batch 880-91404 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (1')

Lab Sample ID: 880-48733-1

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:13	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/20/24 09:22	09/20/24 13:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/20/24 09:22	09/20/24 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/20/24 09:22	09/20/24 13:13	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/20/24 09:22	09/20/24 13:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/20/24 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			09/21/24 18:31	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	<50.4	U	50.4		mg/Kg		09/21/24 14:32	09/21/24 18:31	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		09/21/24 14:32	09/21/24 18:31	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/21/24 14:32	09/21/24 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	09/21/24 14:32	09/21/24 18:31	1
o-Terphenyl	69	S1-	70 - 130	09/21/24 14:32	09/21/24 18:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 12:53	1

Client Sample ID: CS-18 (1')

Lab Sample ID: 880-48733-2

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 13:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 13:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 13:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/20/24 09:22	09/20/24 13:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 13:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/20/24 09:22	09/20/24 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	09/20/24 09:22	09/20/24 13:33	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/20/24 09:22	09/20/24 13:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (1')

Lab Sample ID: 880-48733-2

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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			09/20/24 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/21/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/21/24 14:32	09/21/24 19:03	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/21/24 14:32	09/21/24 19:03	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/21/24 14:32	09/21/24 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/21/24 14:32	09/21/24 19:03	1
o-Terphenyl	72		70 - 130				09/21/24 14:32	09/21/24 19:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 13:13	1

Client Sample ID: CS-19 (1')

Lab Sample ID: 880-48733-3

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/20/24 09:22	09/20/24 13:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 13:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/20/24 09:22	09/20/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				09/20/24 09:22	09/20/24 13:54	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/20/24 09:22	09/20/24 13:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/20/24 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/21/24 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/21/24 14:32	09/21/24 19:19	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/21/24 14:32	09/21/24 19:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (1')

Lab Sample ID: 880-48733-3

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/21/24 14:32	09/21/24 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/21/24 14:32	09/21/24 19:19	1
o-Terphenyl	71		70 - 130				09/21/24 14:32	09/21/24 19:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.57		4.98		mg/Kg			09/20/24 13:20	1

Client Sample ID: CS-20 (1')

Lab Sample ID: 880-48733-4

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 14:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				09/20/24 09:22	09/20/24 14:14	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/20/24 09:22	09/20/24 14:14	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			09/20/24 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/21/24 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 19:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 19:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/21/24 14:32	09/21/24 19:35	1
o-Terphenyl	72		70 - 130				09/21/24 14:32	09/21/24 19:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			09/20/24 13:26	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (1')

Lab Sample ID: 880-48733-5

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 14:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 14:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				09/20/24 09:22	09/20/24 14:35	1
1,4-Difluorobenzene (Surr)	108		70 - 130				09/20/24 09:22	09/20/24 14:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/20/24 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/21/24 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/21/24 14:32	09/21/24 19:51	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/21/24 14:32	09/21/24 19:51	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/21/24 14:32	09/21/24 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/21/24 14:32	09/21/24 19:51	1
o-Terphenyl	72		70 - 130				09/21/24 14:32	09/21/24 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 13:33	1

Client Sample ID: CS-22 (1')

Lab Sample ID: 880-48733-6

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 14:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 14:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 14:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/20/24 09:22	09/20/24 14:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 14:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/20/24 09:22	09/20/24 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				09/20/24 09:22	09/20/24 14:56	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/20/24 09:22	09/20/24 14:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22 (1')

Lab Sample ID: 880-48733-6

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/20/24 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/21/24 20:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		09/21/24 14:32	09/21/24 20:06	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/21/24 14:32	09/21/24 20:06	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/21/24 14:32	09/21/24 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/21/24 14:32	09/21/24 20:06	1
o-Terphenyl	69	S1-	70 - 130				09/21/24 14:32	09/21/24 20:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/20/24 13:53	1

Client Sample ID: CS-23 (1')

Lab Sample ID: 880-48733-7

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 15:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 15:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 15:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 15:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 15:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				09/20/24 09:22	09/20/24 15:16	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/20/24 09:22	09/20/24 15:16	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			09/20/24 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/21/24 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 20:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 20:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (1')

Lab Sample ID: 880-48733-7

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/21/24 14:32	09/21/24 20:22	1
o-Terphenyl	75		70 - 130				09/21/24 14:32	09/21/24 20:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			09/20/24 14:00	1

Client Sample ID: CS-24 (1')

Lab Sample ID: 880-48733-8

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:22	09/20/24 15:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:22	09/20/24 15:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:22	09/20/24 15:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/20/24 09:22	09/20/24 15:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/20/24 09:22	09/20/24 15:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/20/24 09:22	09/20/24 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/20/24 09:22	09/20/24 15:37	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/20/24 09:22	09/20/24 15:37	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			09/20/24 15:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/21/24 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/21/24 14:32	09/21/24 20:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/21/24 14:32	09/21/24 20:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/21/24 14:32	09/21/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/21/24 14:32	09/21/24 20:37	1
o-Terphenyl	73		70 - 130				09/21/24 14:32	09/21/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 14:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25 (1')

Lab Sample ID: 880-48733-9

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 15:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 15:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 15:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/20/24 09:22	09/20/24 15:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 15:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/20/24 09:22	09/20/24 15:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	09/20/24 09:22	09/20/24 15:57	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/20/24 09:22	09/20/24 15:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/20/24 15:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/21/24 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/21/24 14:32	09/21/24 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/21/24 14:32	09/21/24 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/24 14:32	09/21/24 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	09/21/24 14:32	09/21/24 20:53	1
o-Terphenyl	74		70 - 130	09/21/24 14:32	09/21/24 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			09/20/24 14:13	1

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-48733-10

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 16:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 16:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 16:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 16:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 16:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	09/20/24 09:22	09/20/24 16:18	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/20/24 09:22	09/20/24 16:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-48733-10

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/20/24 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			09/21/24 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		09/21/24 14:32	09/21/24 21:09	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		09/21/24 14:32	09/21/24 21:09	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/21/24 14:32	09/21/24 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/21/24 14:32	09/21/24 21:09	1
o-Terphenyl	67	S1-	70 - 130				09/21/24 14:32	09/21/24 21:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/20/24 14:20	1

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-48733-11

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 18:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/20/24 09:22	09/20/24 18:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/20/24 09:22	09/20/24 18:09	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			09/20/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/21/24 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 21:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 21:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-48733-11

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/21/24 14:32	09/21/24 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/21/24 14:32	09/21/24 21:25	1
o-Terphenyl	74		70 - 130				09/21/24 14:32	09/21/24 21:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			09/20/24 14:26	1

Client Sample ID: CS-29 (1')

Lab Sample ID: 880-48733-12

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/20/24 09:22	09/20/24 18:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/20/24 09:22	09/20/24 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				09/20/24 09:22	09/20/24 18:29	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/20/24 09:22	09/20/24 18:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/20/24 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/21/24 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/21/24 14:55	09/21/24 18:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/21/24 14:55	09/21/24 18:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/21/24 14:55	09/21/24 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/21/24 14:55	09/21/24 18:13	1
o-Terphenyl	77		70 - 130				09/21/24 14:55	09/21/24 18:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/20/24 14:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: SW-16 (1')

Lab Sample ID: 880-48733-13

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/20/24 09:22	09/20/24 18:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 18:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/20/24 09:22	09/20/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	09/20/24 09:22	09/20/24 18:50	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/20/24 09:22	09/20/24 18:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/20/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/21/24 18:58	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	<50.1	U	50.1		mg/Kg		09/21/24 14:55	09/21/24 18:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/21/24 14:55	09/21/24 18:58	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/21/24 14:55	09/21/24 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	09/21/24 14:55	09/21/24 18:58	1
o-Terphenyl	78		70 - 130	09/21/24 14:55	09/21/24 18:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			09/20/24 14:53	1

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-48733-14

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 19:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 19:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 19:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 19:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/20/24 09:22	09/20/24 19:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/20/24 09:22	09/20/24 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/20/24 09:22	09/20/24 19:10	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/20/24 09:22	09/20/24 19:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-48733-14

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/20/24 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/21/24 19:13	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		09/21/24 14:55	09/21/24 19:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/21/24 14:55	09/21/24 19:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/24 14:55	09/21/24 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/21/24 14:55	09/21/24 19:13	1
o-Terphenyl	91		70 - 130				09/21/24 14:55	09/21/24 19:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/20/24 15:14	1

Client Sample ID: SW-18 (1')

Lab Sample ID: 880-48733-15

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 19:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/20/24 09:22	09/20/24 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 19:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/20/24 09:22	09/20/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				09/20/24 09:22	09/20/24 19:31	1
1,4-Difluorobenzene (Surr)	107		70 - 130				09/20/24 09:22	09/20/24 19:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/20/24 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/21/24 19:27	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	<50.5	U	50.5		mg/Kg		09/21/24 14:55	09/21/24 19:27	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/21/24 14:55	09/21/24 19:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (1')

Lab Sample ID: 880-48733-15

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/21/24 14:55	09/21/24 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/21/24 14:55	09/21/24 19:27	1
o-Terphenyl	77		70 - 130				09/21/24 14:55	09/21/24 19:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			09/20/24 15:20	1

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-48733-16

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 19:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 19:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 19:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/20/24 09:22	09/20/24 19:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/20/24 09:22	09/20/24 19:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/20/24 09:22	09/20/24 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				09/20/24 09:22	09/20/24 19:51	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/20/24 09:22	09/20/24 19:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/20/24 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/21/24 19:42	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	<50.5	U	50.5		mg/Kg		09/21/24 14:55	09/21/24 19:42	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/21/24 14:55	09/21/24 19:42	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/21/24 14:55	09/21/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/21/24 14:55	09/21/24 19:42	1
o-Terphenyl	81		70 - 130				09/21/24 14:55	09/21/24 19:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			09/20/24 15:27	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-48733-1	CS-17 (1')	100	102				
880-48733-1 MS	CS-17 (1')	117	103				
880-48733-1 MSD	CS-17 (1')	102	95				
880-48733-2	CS-18 (1')	131 S1+	113				
880-48733-3	CS-19 (1')	120	110				
880-48733-4	CS-20 (1')	116	106				
880-48733-5	CS-21 (1')	119	108				
880-48733-6	CS-22 (1')	118	105				
880-48733-7	CS-23 (1')	117	103				
880-48733-8	CS-24 (1')	109	100				
880-48733-9	CS-25 (1')	122	110				
880-48733-10	CS-26 (1')	119	104				
880-48733-11	CS-27 (1')	95	103				
880-48733-12	CS-29 (1')	113	113				
880-48733-13	SW-16 (1')	115	113				
880-48733-14	SW-17 (1')	110	109				
880-48733-15	SW-18 (1')	118	107				
880-48733-16	SW-19 (1')	118	109				
LCS 880-91287/1-A	Lab Control Sample	114	95				
LCSD 880-91287/2-A	Lab Control Sample Dup	107	93				
MB 880-91287/5-A	Method Blank	213 S1+	127				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-48695-A-1-H MS	Matrix Spike	99	90				
880-48695-A-1-I MSD	Matrix Spike Duplicate	99	89				
880-48733-1	CS-17 (1')	85	69 S1-				
880-48733-2	CS-18 (1')	91	72				
880-48733-3	CS-19 (1')	87	71				
880-48733-4	CS-20 (1')	87	72				
880-48733-5	CS-21 (1')	89	72				
880-48733-6	CS-22 (1')	89	69 S1-				
880-48733-7	CS-23 (1')	96	75				
880-48733-8	CS-24 (1')	93	73				
880-48733-9	CS-25 (1')	94	74				
880-48733-10	CS-26 (1')	86	67 S1-				
880-48733-11	CS-27 (1')	91	74				
880-48733-12	CS-29 (1')	80	77				
880-48733-12 MS	CS-29 (1')	94	87				
880-48733-12 MSD	CS-29 (1')	95	85				
880-48733-13	SW-16 (1')	84	78				
880-48733-14	SW-17 (1')	96	91				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-48733-1

Project/Site: Blondie 2

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-48733-15	SW-18 (1')	80	77
880-48733-16	SW-19 (1')	85	81
LCS 880-91260/2-A	Lab Control Sample	120	113
LCS 880-91400/2-A	Lab Control Sample	101	96
LCSD 880-91260/3-A	Lab Control Sample Dup	114	106
LCSD 880-91400/3-A	Lab Control Sample Dup	103	97
MB 880-91260/1-A	Method Blank	89	147 S1+
MB 880-91400/1-A	Method Blank	74	74
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91287/5-A

Matrix: Solid

Analysis Batch: 91281

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 12:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 12:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 12:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/20/24 09:22	09/20/24 12:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/20/24 09:22	09/20/24 12:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/20/24 09:22	09/20/24 12:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130	09/20/24 09:22	09/20/24 12:44	1
1,4-Difluorobenzene (Surr)	127		70 - 130	09/20/24 09:22	09/20/24 12:44	1

Lab Sample ID: LCS 880-91287/1-A

Matrix: Solid

Analysis Batch: 91281

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91287

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08214		mg/Kg		82	70 - 130
Toluene	0.100	0.08115		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.08700		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1791		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08327		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-91287/2-A

Matrix: Solid

Analysis Batch: 91281

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91287

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08242		mg/Kg		82	70 - 130	0	35
Toluene	0.100	0.08241		mg/Kg		82	70 - 130	2	35
Ethylbenzene	0.100	0.09305		mg/Kg		93	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2021		mg/Kg		101	70 - 130	12	35
o-Xylene	0.100	0.09166		mg/Kg		92	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-48733-1 MS

Matrix: Solid

Analysis Batch: 91281

Client Sample ID: CS-17 (1')

Prep Type: Total/NA

Prep Batch: 91287

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.101	0.08801		mg/Kg		87	70 - 130
Toluene	<0.00202	U	0.101	0.07508		mg/Kg		74	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48733-1 MS
Matrix: Solid
Analysis Batch: 91281

Client Sample ID: CS-17 (1')
Prep Type: Total/NA
Prep Batch: 91287

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U F1	0.101	0.08411		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1909		mg/Kg		95	70 - 130
o-Xylene	<0.00202	U	0.101	0.08665		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	117		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: 880-48733-1 MSD
Matrix: Solid
Analysis Batch: 91281

Client Sample ID: CS-17 (1')
Prep Type: Total/NA
Prep Batch: 91287

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0998	0.08076		mg/Kg		81	70 - 130	9	35
Toluene	<0.00202	U	0.0998	0.07409		mg/Kg		74	70 - 130	1	35
Ethylbenzene	<0.00202	U F1	0.0998	0.06903	F1	mg/Kg		69	70 - 130	20	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1582		mg/Kg		79	70 - 130	19	35
o-Xylene	<0.00202	U	0.0998	0.07261		mg/Kg		73	70 - 130	18	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	95		70 - 130								

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

Lab Sample ID: MB 880-91260/1-A
Matrix: Solid
Analysis Batch: 91396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91260

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		09/19/24 18:11	09/21/24 02:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 18:11	09/21/24 02:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 18:11	09/21/24 02:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	89		70 - 130						
o-Terphenyl	147	S1+	70 - 130						

Lab Sample ID: LCS 880-91260/2-A
Matrix: Solid
Analysis Batch: 91396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	954.0		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-91260/2-A
Matrix: Solid
Analysis Batch: 91396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91260

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: LCSD 880-91260/3-A
Matrix: Solid
Analysis Batch: 91396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91260

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1065		mg/Kg		107	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	887.6		mg/Kg		89	70 - 130	7	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-48695-A-1-H MS
Matrix: Solid
Analysis Batch: 91396

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 91260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	976.5		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	798.4		mg/Kg		79	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-48695-A-1-I MSD
Matrix: Solid
Analysis Batch: 91396

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 91260

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	1010	949.6		mg/Kg		94	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	804.0		mg/Kg		80	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	89		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-91400/1-A

Matrix: Solid

Analysis Batch: 91404

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91400

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		09/21/24 13:00	09/21/24 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/21/24 13:00	09/21/24 14:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/21/24 13:00	09/21/24 14:23	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	74		70 - 130				09/21/24 13:00	09/21/24 14:23	1
o-Terphenyl	74		70 - 130				09/21/24 13:00	09/21/24 14:23	1

Lab Sample ID: LCS 880-91400/2-A

Matrix: Solid

Analysis Batch: 91404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91400

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	809.5		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	732.1		mg/Kg		73	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	101		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: LCSD 880-91400/3-A

Matrix: Solid

Analysis Batch: 91404

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91400

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	830.5		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	698.9		mg/Kg		70	70 - 130	5	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane	103		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: 880-48733-12 MS

Matrix: Solid

Analysis Batch: 91404

Client Sample ID: CS-29 (1')

Prep Type: Total/NA

Prep Batch: 91400

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	715.8		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	844.6		mg/Kg		84	70 - 130		

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48733-12 MS

Matrix: Solid

Analysis Batch: 91404

Client Sample ID: CS-29 (1')

Prep Type: Total/NA

Prep Batch: 91400

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-48733-12 MSD

Matrix: Solid

Analysis Batch: 91404

Client Sample ID: CS-29 (1')

Prep Type: Total/NA

Prep Batch: 91400

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	1010	727.9		mg/Kg		72	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	814.2		mg/Kg		81	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	85		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91276/1-A

Matrix: Solid

Analysis Batch: 91288

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/24 12:33	1

Lab Sample ID: LCS 880-91276/2-A

Matrix: Solid

Analysis Batch: 91288

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.9		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-91276/3-A

Matrix: Solid

Analysis Batch: 91288

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	249.7		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-48733-1 MS

Matrix: Solid

Analysis Batch: 91288

Client Sample ID: CS-17 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<4.98	U	249	246.8		mg/Kg		98	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-48733-1 MSD										Client Sample ID: CS-17 (1')		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 91288												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	<4.98	U	249	247.0		mg/Kg		98	90 - 110	0	20	

Lab Sample ID: 880-48733-11 MS										Client Sample ID: CS-27 (1')		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 91288												
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	<5.02	U	251	252.4		mg/Kg		99	90 - 110			

Lab Sample ID: 880-48733-11 MSD										Client Sample ID: CS-27 (1')		
Matrix: Solid										Prep Type: Soluble		
Analysis Batch: 91288												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	<5.02	U	251	252.6		mg/Kg		99	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 91281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Total/NA	Solid	8021B	91287
880-48733-2	CS-18 (1')	Total/NA	Solid	8021B	91287
880-48733-3	CS-19 (1')	Total/NA	Solid	8021B	91287
880-48733-4	CS-20 (1')	Total/NA	Solid	8021B	91287
880-48733-5	CS-21 (1')	Total/NA	Solid	8021B	91287
880-48733-6	CS-22 (1')	Total/NA	Solid	8021B	91287
880-48733-7	CS-23 (1')	Total/NA	Solid	8021B	91287
880-48733-8	CS-24 (1')	Total/NA	Solid	8021B	91287
880-48733-9	CS-25 (1')	Total/NA	Solid	8021B	91287
880-48733-10	CS-26 (1')	Total/NA	Solid	8021B	91287
880-48733-11	CS-27 (1')	Total/NA	Solid	8021B	91287
880-48733-12	CS-29 (1')	Total/NA	Solid	8021B	91287
880-48733-13	SW-16 (1')	Total/NA	Solid	8021B	91287
880-48733-14	SW-17 (1')	Total/NA	Solid	8021B	91287
880-48733-15	SW-18 (1')	Total/NA	Solid	8021B	91287
880-48733-16	SW-19 (1')	Total/NA	Solid	8021B	91287
MB 880-91287/5-A	Method Blank	Total/NA	Solid	8021B	91287
LCS 880-91287/1-A	Lab Control Sample	Total/NA	Solid	8021B	91287
LCSD 880-91287/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91287
880-48733-1 MS	CS-17 (1')	Total/NA	Solid	8021B	91287
880-48733-1 MSD	CS-17 (1')	Total/NA	Solid	8021B	91287

Prep Batch: 91287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Total/NA	Solid	5035	
880-48733-2	CS-18 (1')	Total/NA	Solid	5035	
880-48733-3	CS-19 (1')	Total/NA	Solid	5035	
880-48733-4	CS-20 (1')	Total/NA	Solid	5035	
880-48733-5	CS-21 (1')	Total/NA	Solid	5035	
880-48733-6	CS-22 (1')	Total/NA	Solid	5035	
880-48733-7	CS-23 (1')	Total/NA	Solid	5035	
880-48733-8	CS-24 (1')	Total/NA	Solid	5035	
880-48733-9	CS-25 (1')	Total/NA	Solid	5035	
880-48733-10	CS-26 (1')	Total/NA	Solid	5035	
880-48733-11	CS-27 (1')	Total/NA	Solid	5035	
880-48733-12	CS-29 (1')	Total/NA	Solid	5035	
880-48733-13	SW-16 (1')	Total/NA	Solid	5035	
880-48733-14	SW-17 (1')	Total/NA	Solid	5035	
880-48733-15	SW-18 (1')	Total/NA	Solid	5035	
880-48733-16	SW-19 (1')	Total/NA	Solid	5035	
MB 880-91287/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91287/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91287/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48733-1 MS	CS-17 (1')	Total/NA	Solid	5035	
880-48733-1 MSD	CS-17 (1')	Total/NA	Solid	5035	

Analysis Batch: 91492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Total/NA	Solid	Total BTEX	
880-48733-2	CS-18 (1')	Total/NA	Solid	Total BTEX	
880-48733-3	CS-19 (1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 91492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-4	CS-20 (1')	Total/NA	Solid	Total BTEX	
880-48733-5	CS-21 (1')	Total/NA	Solid	Total BTEX	
880-48733-6	CS-22 (1')	Total/NA	Solid	Total BTEX	
880-48733-7	CS-23 (1')	Total/NA	Solid	Total BTEX	
880-48733-8	CS-24 (1')	Total/NA	Solid	Total BTEX	
880-48733-9	CS-25 (1')	Total/NA	Solid	Total BTEX	
880-48733-10	CS-26 (1')	Total/NA	Solid	Total BTEX	
880-48733-11	CS-27 (1')	Total/NA	Solid	Total BTEX	
880-48733-12	CS-29 (1')	Total/NA	Solid	Total BTEX	
880-48733-13	SW-16 (1')	Total/NA	Solid	Total BTEX	
880-48733-14	SW-17 (1')	Total/NA	Solid	Total BTEX	
880-48733-15	SW-18 (1')	Total/NA	Solid	Total BTEX	
880-48733-16	SW-19 (1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Total/NA	Solid	8015NM Prep	
880-48733-2	CS-18 (1')	Total/NA	Solid	8015NM Prep	
880-48733-3	CS-19 (1')	Total/NA	Solid	8015NM Prep	
880-48733-4	CS-20 (1')	Total/NA	Solid	8015NM Prep	
880-48733-5	CS-21 (1')	Total/NA	Solid	8015NM Prep	
880-48733-6	CS-22 (1')	Total/NA	Solid	8015NM Prep	
880-48733-7	CS-23 (1')	Total/NA	Solid	8015NM Prep	
880-48733-8	CS-24 (1')	Total/NA	Solid	8015NM Prep	
880-48733-9	CS-25 (1')	Total/NA	Solid	8015NM Prep	
880-48733-10	CS-26 (1')	Total/NA	Solid	8015NM Prep	
880-48733-11	CS-27 (1')	Total/NA	Solid	8015NM Prep	
MB 880-91260/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91260/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91260/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48695-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-48695-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Total/NA	Solid	8015B NM	91260
880-48733-2	CS-18 (1')	Total/NA	Solid	8015B NM	91260
880-48733-3	CS-19 (1')	Total/NA	Solid	8015B NM	91260
880-48733-4	CS-20 (1')	Total/NA	Solid	8015B NM	91260
880-48733-5	CS-21 (1')	Total/NA	Solid	8015B NM	91260
880-48733-6	CS-22 (1')	Total/NA	Solid	8015B NM	91260
880-48733-7	CS-23 (1')	Total/NA	Solid	8015B NM	91260
880-48733-8	CS-24 (1')	Total/NA	Solid	8015B NM	91260
880-48733-9	CS-25 (1')	Total/NA	Solid	8015B NM	91260
880-48733-10	CS-26 (1')	Total/NA	Solid	8015B NM	91260
880-48733-11	CS-27 (1')	Total/NA	Solid	8015B NM	91260
MB 880-91260/1-A	Method Blank	Total/NA	Solid	8015B NM	91260
LCS 880-91260/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91260
LCSD 880-91260/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91260

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 91396 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48695-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	91260
880-48695-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91260

Prep Batch: 91400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-12	CS-29 (1')	Total/NA	Solid	8015NM Prep	
880-48733-13	SW-16 (1')	Total/NA	Solid	8015NM Prep	
880-48733-14	SW-17 (1')	Total/NA	Solid	8015NM Prep	
880-48733-15	SW-18 (1')	Total/NA	Solid	8015NM Prep	
880-48733-16	SW-19 (1')	Total/NA	Solid	8015NM Prep	
MB 880-91400/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91400/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91400/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48733-12 MS	CS-29 (1')	Total/NA	Solid	8015NM Prep	
880-48733-12 MSD	CS-29 (1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-12	CS-29 (1')	Total/NA	Solid	8015B NM	91400
880-48733-13	SW-16 (1')	Total/NA	Solid	8015B NM	91400
880-48733-14	SW-17 (1')	Total/NA	Solid	8015B NM	91400
880-48733-15	SW-18 (1')	Total/NA	Solid	8015B NM	91400
880-48733-16	SW-19 (1')	Total/NA	Solid	8015B NM	91400
MB 880-91400/1-A	Method Blank	Total/NA	Solid	8015B NM	91400
LCS 880-91400/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91400
LCSD 880-91400/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91400
880-48733-12 MS	CS-29 (1')	Total/NA	Solid	8015B NM	91400
880-48733-12 MSD	CS-29 (1')	Total/NA	Solid	8015B NM	91400

Analysis Batch: 91448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Total/NA	Solid	8015 NM	
880-48733-2	CS-18 (1')	Total/NA	Solid	8015 NM	
880-48733-3	CS-19 (1')	Total/NA	Solid	8015 NM	
880-48733-4	CS-20 (1')	Total/NA	Solid	8015 NM	
880-48733-5	CS-21 (1')	Total/NA	Solid	8015 NM	
880-48733-6	CS-22 (1')	Total/NA	Solid	8015 NM	
880-48733-7	CS-23 (1')	Total/NA	Solid	8015 NM	
880-48733-8	CS-24 (1')	Total/NA	Solid	8015 NM	
880-48733-9	CS-25 (1')	Total/NA	Solid	8015 NM	
880-48733-10	CS-26 (1')	Total/NA	Solid	8015 NM	
880-48733-11	CS-27 (1')	Total/NA	Solid	8015 NM	
880-48733-12	CS-29 (1')	Total/NA	Solid	8015 NM	
880-48733-13	SW-16 (1')	Total/NA	Solid	8015 NM	
880-48733-14	SW-17 (1')	Total/NA	Solid	8015 NM	
880-48733-15	SW-18 (1')	Total/NA	Solid	8015 NM	
880-48733-16	SW-19 (1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 91276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Soluble	Solid	DI Leach	
880-48733-2	CS-18 (1')	Soluble	Solid	DI Leach	
880-48733-3	CS-19 (1')	Soluble	Solid	DI Leach	
880-48733-4	CS-20 (1')	Soluble	Solid	DI Leach	
880-48733-5	CS-21 (1')	Soluble	Solid	DI Leach	
880-48733-6	CS-22 (1')	Soluble	Solid	DI Leach	
880-48733-7	CS-23 (1')	Soluble	Solid	DI Leach	
880-48733-8	CS-24 (1')	Soluble	Solid	DI Leach	
880-48733-9	CS-25 (1')	Soluble	Solid	DI Leach	
880-48733-10	CS-26 (1')	Soluble	Solid	DI Leach	
880-48733-11	CS-27 (1')	Soluble	Solid	DI Leach	
880-48733-12	CS-29 (1')	Soluble	Solid	DI Leach	
880-48733-13	SW-16 (1')	Soluble	Solid	DI Leach	
880-48733-14	SW-17 (1')	Soluble	Solid	DI Leach	
880-48733-15	SW-18 (1')	Soluble	Solid	DI Leach	
880-48733-16	SW-19 (1')	Soluble	Solid	DI Leach	
MB 880-91276/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91276/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91276/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48733-1 MS	CS-17 (1')	Soluble	Solid	DI Leach	
880-48733-1 MSD	CS-17 (1')	Soluble	Solid	DI Leach	
880-48733-11 MS	CS-27 (1')	Soluble	Solid	DI Leach	
880-48733-11 MSD	CS-27 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 91288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48733-1	CS-17 (1')	Soluble	Solid	300.0	91276
880-48733-2	CS-18 (1')	Soluble	Solid	300.0	91276
880-48733-3	CS-19 (1')	Soluble	Solid	300.0	91276
880-48733-4	CS-20 (1')	Soluble	Solid	300.0	91276
880-48733-5	CS-21 (1')	Soluble	Solid	300.0	91276
880-48733-6	CS-22 (1')	Soluble	Solid	300.0	91276
880-48733-7	CS-23 (1')	Soluble	Solid	300.0	91276
880-48733-8	CS-24 (1')	Soluble	Solid	300.0	91276
880-48733-9	CS-25 (1')	Soluble	Solid	300.0	91276
880-48733-10	CS-26 (1')	Soluble	Solid	300.0	91276
880-48733-11	CS-27 (1')	Soluble	Solid	300.0	91276
880-48733-12	CS-29 (1')	Soluble	Solid	300.0	91276
880-48733-13	SW-16 (1')	Soluble	Solid	300.0	91276
880-48733-14	SW-17 (1')	Soluble	Solid	300.0	91276
880-48733-15	SW-18 (1')	Soluble	Solid	300.0	91276
880-48733-16	SW-19 (1')	Soluble	Solid	300.0	91276
MB 880-91276/1-A	Method Blank	Soluble	Solid	300.0	91276
LCS 880-91276/2-A	Lab Control Sample	Soluble	Solid	300.0	91276
LCSD 880-91276/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91276
880-48733-1 MS	CS-17 (1')	Soluble	Solid	300.0	91276
880-48733-1 MSD	CS-17 (1')	Soluble	Solid	300.0	91276
880-48733-11 MS	CS-27 (1')	Soluble	Solid	300.0	91276
880-48733-11 MSD	CS-27 (1')	Soluble	Solid	300.0	91276

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 13:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 18:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 18:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 12:53	CH	EET MID

Client Sample ID: CS-18 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 13:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 19:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 13:13	CH	EET MID

Client Sample ID: CS-19 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 13:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:19	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 19:19	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 13:20	CH	EET MID

Client Sample ID: CS-20 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 14:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 14:14	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-20 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 19:35	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 13:26	CH	EET MID

Client Sample ID: CS-21 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 19:51	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 13:33	CH	EET MID

Client Sample ID: CS-22 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 20:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 20:06	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 13:53	CH	EET MID

Client Sample ID: CS-23 (1')
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48733-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 15:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 15:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 20:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 20:22	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (1')

Lab Sample ID: 880-48733-7

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:00	CH	EET MID

Client Sample ID: CS-24 (1')

Lab Sample ID: 880-48733-8

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 15:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 15:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 20:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:06	CH	EET MID

Client Sample ID: CS-25 (1')

Lab Sample ID: 880-48733-9

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 15:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 15:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 20:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 20:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:13	CH	EET MID

Client Sample ID: CS-26 (1')

Lab Sample ID: 880-48733-10

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 16:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 21:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 21:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:20	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (1')

Lab Sample ID: 880-48733-11

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 21:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	91260	09/21/24 14:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91396	09/21/24 21:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:26	CH	EET MID

Client Sample ID: CS-29 (1')

Lab Sample ID: 880-48733-12

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 18:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 18:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	91400	09/21/24 14:55	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91404	09/21/24 18:13	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:47	CH	EET MID

Client Sample ID: SW-16 (1')

Lab Sample ID: 880-48733-13

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 18:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	91400	09/21/24 14:55	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91404	09/21/24 18:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 14:53	CH	EET MID

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-48733-14

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 19:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (1')

Lab Sample ID: 880-48733-14

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	91400	09/21/24 14:55	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91404	09/21/24 19:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 15:14	CH	EET MID

Client Sample ID: SW-18 (1')

Lab Sample ID: 880-48733-15

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	91400	09/21/24 14:55	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91404	09/21/24 19:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 15:20	CH	EET MID

Client Sample ID: SW-19 (1')

Lab Sample ID: 880-48733-16

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	91287	09/20/24 09:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91281	09/20/24 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91492	09/20/24 19:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			91448	09/21/24 19:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	91400	09/21/24 14:55	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91404	09/21/24 19:42	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	91276	09/20/24 08:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91288	09/20/24 15:27	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48733-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48733-1	CS-17 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-2	CS-18 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-3	CS-19 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-4	CS-20 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-5	CS-21 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-6	CS-22 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-7	CS-23 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-8	CS-24 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-9	CS-25 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-10	CS-26 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-11	CS-27 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-12	CS-29 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-13	SW-16 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-14	SW-17 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-15	SW-18 (1')	Solid	09/19/24 00:00	09/19/24 16:00
880-48733-16	SW-19 (1')	Solid	09/19/24 00:00	09/19/24 16:00





880-48733 Chain of Custody

W

Chain of Custody

Page 1 of 2

Project Manager: Devin Dominguez		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-701-5475		Email: mcarmona@carmonaresources.com			

Project Name: Blondie 2		Turn Around		Pres. Code	
Project Number: 2505		☐ Routine ☒ Rush Due Date: 72 HR TAT			
Project Location: Lea County, New Mexico					
Sampler's Name: PB					
PO #:					

Temp Blank		Yes No		Wet loc:	
Received Intact:		Yes No		Thermometer ID:	
Cooler Custody Seals:		Yes No		Correction Factor:	
Sample Custody Seals:		Yes No		Temperature Reading:	
Total Containers:				Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST												Preservative Codes	Sample Comments	
CS-17 (1')	9/19/2024		X		C	1	BTEX 80218 TPH 8015M (GRO + DRO + MRO) Chloride 300.0														None: NO	DI Water: H ₂ O	
CS-18 (1')	9/19/2024		X		C	1															Cool: Cool	MeOH: Me	
CS-19 (1')	9/19/2024		X		C	1															HCL: HC	HNO ₃ : HN	
CS-20 (1')	9/19/2024		X		C	1															H ₂ SO ₄ : H ₂	NaOH: Na	
CS-21 (1')	9/19/2024		X		C	1															H ₃ PO ₄ : HP		
CS-22 (1')	9/19/2024		X		C	1															NaHSO ₄ : NABIS		
CS-23 (1')	9/19/2024		X		C	1															Na ₂ S ₂ O ₃ : NaSO ₃		
CS-24 (1')	9/19/2024		X		C	1															Zn Acetate+NaOH: Zn		
CS-25 (1')	9/19/2024		X		C	1															NaOH+Ascorbic Acid: SAPC		
CS-26 (1')	9/19/2024		X		C	1																	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		9/19/24				9/19/24	

Chain of Custody

Work Order No: 48733Page 2 of 2

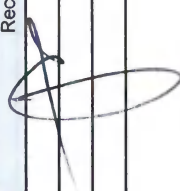
Project Manager: Devin Dominguez		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-701-5475		Email: imcarmona@carmonaresources.com			

Project Name: Blondie 2		Turn Around		Pres. Code	
Project Number: 2505		☐ Routine ☒ Rush			
Project Location: Lea County, New Mexico		Due Date: 72 HR TAT			
Sampler's Name: PB					
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No	
Received Intact:		Yes No		Thermometer ID:					
Cooler Custody Seals:		Yes No N/A		Correction Factor:					
Sample Custody Seals:		Yes No N/A		Temperature Reading:					
Total Containers:				Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grabi/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes
CS-27 (1')	9/19/2024		X		C	1	BTEX 80218 TPH 8015M (GRO + DRO + MRO) Chloride 300.0										None: NO		
CS-28 (1')	9/19/2024		X		C	1												Cool: Cool	
SW-15 (1')	9/19/2024		X		C	1												HCL: HC	
SW-16 (1')	9/19/2024		X		C	1												H ₂ SO ₄ : H ₂	
SW-17 (1')	9/19/2024		X		C	1												H ₃ PO ₄ : HP	
SW-18 (1')	9/19/2024		X		C	1												NaHSO ₄ : NABIS	
																	Na ₂ S ₂ O ₃ : NaSO ₃		
																	Zn Acetate+NaOH: Zn		
																	NaOH+Ascorbic Acid: SAPC		
										Sample Comments									

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

Relinquished by: (Signature)		Date/Time	
		9/19/24	
Received by: (Signature)		Date/Time	
		9/19/24	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48733-1
SDG Number: Lea County, New Mexico

Login Number: 48733
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/20/2024 4:10:38 PM

JOB DESCRIPTION

Blondie 2
Lea County, New Mexico

JOB NUMBER

880-48732-1

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
9/20/2024 4:10:38 PM

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

Client: Carmona Resources
Project/Site: Blondie 2

Laboratory Job ID: 880-48732-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, 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: Blondie 2

Job ID: 880-48732-1

Job ID: 880-48732-1

Eurofins Midland

Job Narrative 880-48732-1

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

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

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

Receipt

The sample was received on 9/19/2024 4:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.7°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Icabod Pit (880-48732-1).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-91078 and 880-91221 and analytical batch 880-91173 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91220 and analytical batch 880-91224 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-91220/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Client Sample ID: Icabod Pit

Lab Sample ID: 880-48732-1

Date Collected: 09/19/24 00:00

Matrix: Solid

Date Received: 09/19/24 16:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/19/24 16:30	09/20/24 08:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/19/24 16:30	09/20/24 08:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/19/24 16:30	09/20/24 08:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/19/24 16:30	09/20/24 08:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/19/24 16:30	09/20/24 08:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/19/24 16:30	09/20/24 08:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	09/19/24 16:30	09/20/24 08:06	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/19/24 16:30	09/20/24 08:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/20/24 08:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/19/24 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		09/19/24 18:15	09/19/24 18:20	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/19/24 18:15	09/19/24 18:20	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/19/24 18:15	09/19/24 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	09/19/24 18:15	09/19/24 18:20	1
o-Terphenyl	114		70 - 130	09/19/24 18:15	09/19/24 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.1		5.02		mg/Kg			09/20/24 11:19	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-48695-A-1-A MS	Matrix Spike	103	98
880-48695-A-1-B MSD	Matrix Spike Duplicate	110	95
880-48732-1	Icabod Pit	122	108
LCS 880-91221/1-A	Lab Control Sample	96	94
LCSD 880-91221/2-A	Lab Control Sample Dup	115	97
MB 880-91078/5-A	Method Blank	200 S1+	126
MB 880-91221/5-A	Method Blank	149 S1+	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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-48527-A-1-K MS	Matrix Spike	113	122
880-48527-A-1-L MSD	Matrix Spike Duplicate	108	117
880-48732-1	Icabod Pit	114	114
LCS 880-91220/2-A	Lab Control Sample	119	132 S1+
LCSD 880-91220/3-A	Lab Control Sample Dup	113	123
MB 880-91220/1-A	Method Blank	89	159 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91078/5-A

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/24 10:04	09/19/24 13:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/24 10:04	09/19/24 13:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/24 10:04	09/19/24 13:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/18/24 10:04	09/19/24 13:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/24 10:04	09/19/24 13:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/24 10:04	09/19/24 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	200	S1+	70 - 130	09/18/24 10:04	09/19/24 13:01	1
1,4-Difluorobenzene (Surr)	126		70 - 130	09/18/24 10:04	09/19/24 13:01	1

Lab Sample ID: MB 880-91221/5-A

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/19/24 12:52	09/20/24 00:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/19/24 12:52	09/20/24 00:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/19/24 12:52	09/20/24 00:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/19/24 12:52	09/20/24 00:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/19/24 12:52	09/20/24 00:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/19/24 12:52	09/20/24 00:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	09/19/24 12:52	09/20/24 00:40	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/19/24 12:52	09/20/24 00:40	1

Lab Sample ID: LCS 880-91221/1-A

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08777		mg/Kg		88	70 - 130
Toluene	0.100	0.08581		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08519		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1654		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08769		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-91221/2-A

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91221

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09034		mg/Kg		90	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-91221/2-A

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91221

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Toluene	0.100	0.08584		mg/Kg		86	70 - 130		0	35
Ethylbenzene	0.100	0.09118		mg/Kg		91	70 - 130		7	35
m-Xylene & p-Xylene	0.200	0.1854		mg/Kg		93	70 - 130		11	35
o-Xylene	0.100	0.09262		mg/Kg		93	70 - 130		5	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-48695-A-1-A MS

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91221

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00202	U	0.101	0.08599		mg/Kg		85	70 - 130	
Toluene	<0.00202	U	0.101	0.08005		mg/Kg		79	70 - 130	
Ethylbenzene	<0.00202	U	0.101	0.08025		mg/Kg		80	70 - 130	
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1659		mg/Kg		82	70 - 130	
o-Xylene	<0.00202	U	0.101	0.08369		mg/Kg		83	70 - 130	

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

Lab Sample ID: 880-48695-A-1-B MSD

Matrix: Solid

Analysis Batch: 91173

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91221

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Benzene	<0.00202	U	0.0998	0.07171		mg/Kg		72	70 - 130		18	35
Toluene	<0.00202	U	0.0998	0.07406		mg/Kg		74	70 - 130		8	35
Ethylbenzene	<0.00202	U	0.0998	0.07119		mg/Kg		71	70 - 130		12	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1623		mg/Kg		81	70 - 130		2	35
o-Xylene	<0.00202	U	0.0998	0.09060		mg/Kg		91	70 - 130		8	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-91220/1-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91220

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/19/24 08:48	09/19/24 09:36	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-91220/1-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91220

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/19/24 08:48	09/19/24 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/19/24 08:48	09/19/24 09:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/19/24 08:48	09/19/24 09:36	1
o-Terphenyl	159	S1+	70 - 130				09/19/24 08:48	09/19/24 09:36	1

Lab Sample ID: LCS 880-91220/2-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1019		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1018		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	119		70 - 130				
o-Terphenyl	132	S1+	70 - 130				

Lab Sample ID: LCSD 880-91220/3-A

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	976.6		mg/Kg		98	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	961.3		mg/Kg		96	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	123		70 - 130						

Lab Sample ID: 880-48527-A-1-K MS

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	1073		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1112		mg/Kg		111	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	122		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48527-A-1-L MSD

Matrix: Solid

Analysis Batch: 91224

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 91220

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	1056		mg/Kg		105	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1056		mg/Kg		105	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	117		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-91243/1-A

Matrix: Solid

Analysis Batch: 91245

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/20/24 08:39	1

Lab Sample ID: LCS 880-91243/2-A

Matrix: Solid

Analysis Batch: 91245

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-91243/3-A

Matrix: Solid

Analysis Batch: 91245

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	250.1		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-48719-A-6-B MS

Matrix: Solid

Analysis Batch: 91245

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	33.0		250	293.3		mg/Kg		104	90 - 110

Lab Sample ID: 880-48719-A-6-C MSD

Matrix: Solid

Analysis Batch: 91245

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	33.0		250	294.1		mg/Kg		104	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 91078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-91078/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 91173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Total/NA	Solid	8021B	91221
MB 880-91078/5-A	Method Blank	Total/NA	Solid	8021B	91078
MB 880-91221/5-A	Method Blank	Total/NA	Solid	8021B	91221
LCS 880-91221/1-A	Lab Control Sample	Total/NA	Solid	8021B	91221
LCSD 880-91221/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91221
880-48695-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	91221
880-48695-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	91221

Prep Batch: 91221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Total/NA	Solid	5035	
MB 880-91221/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91221/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91221/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48695-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-48695-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 91324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 91220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Total/NA	Solid	8015NM Prep	
MB 880-91220/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91220/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91220/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48527-A-1-K MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-48527-A-1-L MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 91224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Total/NA	Solid	8015B NM	91220
MB 880-91220/1-A	Method Blank	Total/NA	Solid	8015B NM	91220
LCS 880-91220/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91220
LCSD 880-91220/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91220
880-48527-A-1-K MS	Matrix Spike	Total/NA	Solid	8015B NM	91220
880-48527-A-1-L MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	91220

Analysis Batch: 91307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 91243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Soluble	Solid	DI Leach	
MB 880-91243/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-91243/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-91243/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48719-A-6-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-48719-A-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 91245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48732-1	Icabod Pit	Soluble	Solid	300.0	91243
MB 880-91243/1-A	Method Blank	Soluble	Solid	300.0	91243
LCS 880-91243/2-A	Lab Control Sample	Soluble	Solid	300.0	91243
LCSD 880-91243/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	91243
880-48719-A-6-B MS	Matrix Spike	Soluble	Solid	300.0	91243
880-48719-A-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	91243

Lab Chronicle

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Client Sample ID: Icabod Pit
Date Collected: 09/19/24 00:00
Date Received: 09/19/24 16:00

Lab Sample ID: 880-48732-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	91221	09/19/24 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91173	09/20/24 08:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			91324	09/20/24 08:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			91307	09/19/24 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	91220	09/19/24 18:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	91224	09/19/24 18:20	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	91243	09/20/24 08:30	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	91245	09/20/24 11:19	CH	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: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

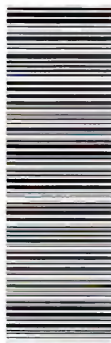
Client: Carmona Resources
Project/Site: Blondie 2

Job ID: 880-48732-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48732-1	Icabod Pit	Solid	09/19/24 00:00	09/19/24 16:00

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

Chain of Custody



880-48732 Chain of Custody

Page 1 of 1

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48732-1
SDG Number: Lea County, New Mexico

Login Number: 48732

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 397033

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 397033
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422556072
Incident Name	NAPP2422556072 NORTH BLONDIE 3-15 FED COM 102H @ 30-025-52643
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-52643] NORTH BLONDIE 3 15 FEDERAL COM #102H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NORTH BLONDIE 3-15 FED COM 102H
Date Release Discovered	08/09/2024
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 113 BBL Recovered: 80 BBL Lost: 33 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)	Elevate Energy crew was pressure testing. Clamp failed on flowmeter. 103.4 bbls spilled onto pad. 80 bbls recovered

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QUESTIONS, Page 2

Action 397033

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 397033
	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.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 10/30/2024
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QUESTIONS, Page 3

Action 397033

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 397033
	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)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<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)	3730
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	151
GRO+DRO (EPA SW-846 Method 8015M)	151
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	09/17/2024
On what date will (or did) the final sampling or liner inspection occur	09/19/2024
On what date will (or was) the remediation complete(d)	09/20/2024
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	3911
What is the estimated volume (in cubic yards) that will be remediated	189

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 397033

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 397033
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/30/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 397033

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 397033
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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Action 397033

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	383688
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/18/2024
What was the (estimated) number of samples that were to be gathered	23
What was the sampling surface area in square feet	2000

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	3911
What was the total volume (cubic yards) remediated	189
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)	Based on lab analytical results, the area of concern displayed concentrations below regulatory thresholds for TPH, Chloride, & BTEX

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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/30/2024
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QUESTIONS, Page 7

Action 397033

QUESTIONS (continued)

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 397033

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 397033
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation Closure is approved. Please proceed to the Reclamation Plan as per 19.15.29.13 NMAC.	3/6/2025