CARMONA RESOURCES

SITE INFORMATION

Closure Report
Hadar 10 Federal Com 4H
Incident ID: NAPP2329840472
Unit M Sec 10 T19S R31E
Eddy County, New Mexico
32.6692314°, -103.8654938°

Crude Oil & Produced Water Release
Point of Release: Equipment Failure; loose wiper packing
Release Date: 10.25.2023
Volume Released: 2 Barrels of Crude Oil
Volume Released: 5.2 Barrels of Produced Water
Volume Recovered: 0 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES

Prepared for:
Devon Energy
5315 Buena Vista Drive,
Carlsbad, New Mexico 88220

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

CARMONA RESOURCES

TABLE OF CONTENTS

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

CARMONA RESOURCES

May 29, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Closure Report
Hadar 10 Federal Com 4H
Devon Energy
Incident #: NAPP2329840472
Site Location: Unit M, S10, T19S, R31E
(Lat 32.6692314°, Long -103.8654938°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Devon Energy (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the Hadar 10 Federal Com 4H. The site is located at 32.6692314°, -103.8654938° within Unit M, S10, T19S, and R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 25, 2023, due to a loose wiper packing. It resulted in the release of two (2) barrels of crude oil and five point two (5.2) barrels of produced water, with zero (0) barrels recovered. The release occurred on the pad. Refer to Figure 3 for the spill outline. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.24 miles Southeast of the site in S22, T19S, R31E and was drilled in 2015. The well has a reported depth to groundwater of 400’ below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On August 27, 2024, Carmona Resources was onsite to drill a groundwater determination bore to 105 feet below ground surface (ft. bgs) within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.03 miles Southwest of the site in S10, T19S, R31E (32.668722°, -103.865593°). The bore was left open for 72 hours and tagged with a water level meter. The bore indicated no signs of water at a depth of 105’ below ground surface (ft bgs). A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12, 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: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

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4.0 Site Assessment Activities

Initial Assessment

On November 8, 2023, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the release. A total of four (4) sample points (S-1 through S-4) and four (4) horizontal sample points (H-1 through H-4) were advanced to depths ranging from surface to 1.5' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

The areas of S-1, S-2, S-3, and S-4 were not vertically delineated due to a dense, cemented geological formation ranging from surface to 1.5' bgs (below ground surface). These areas were returned to at a later date to be vertically delineated, see below.

Horizontal Delineation

The areas of H-1 through H-4 were below the regulatory limits for Benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1 for the analytical results.

Trenching Assessment

On December 14, 2023, Carmona Resources, LLC returned to the site to further evaluate soil impacts stemming from the release. To further vertically delineate the release area, four (4) test trenches (T-1 through T-4) were advanced to depths ranging from the surface to 6' bgs at the original sample point (S-1 through S-4), respectfully. 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 for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and chloride concentrations. The sampling results are summarized in Table 1.

5.0 Remediation Activities

Before Carmona Resources personnel were on site, Devon Energy contacted a third-party contractor to excavate and remove the contaminated soils from the affected areas. Once excavation activities were completed, Carmona Resources personnel were on site to collect confirmation samples from the excavated areas. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD web portal on March 20, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence. A total of nine (9) confirmation floor samples (CS-1 through CS-9) and thirteen (13) sidewall samples (SW-1 through SW-13) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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 Cardinal Laboratories in Hobbs, New Mexico. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody

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documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced from Lea Land. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of the laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 1,477 square feet, 140 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

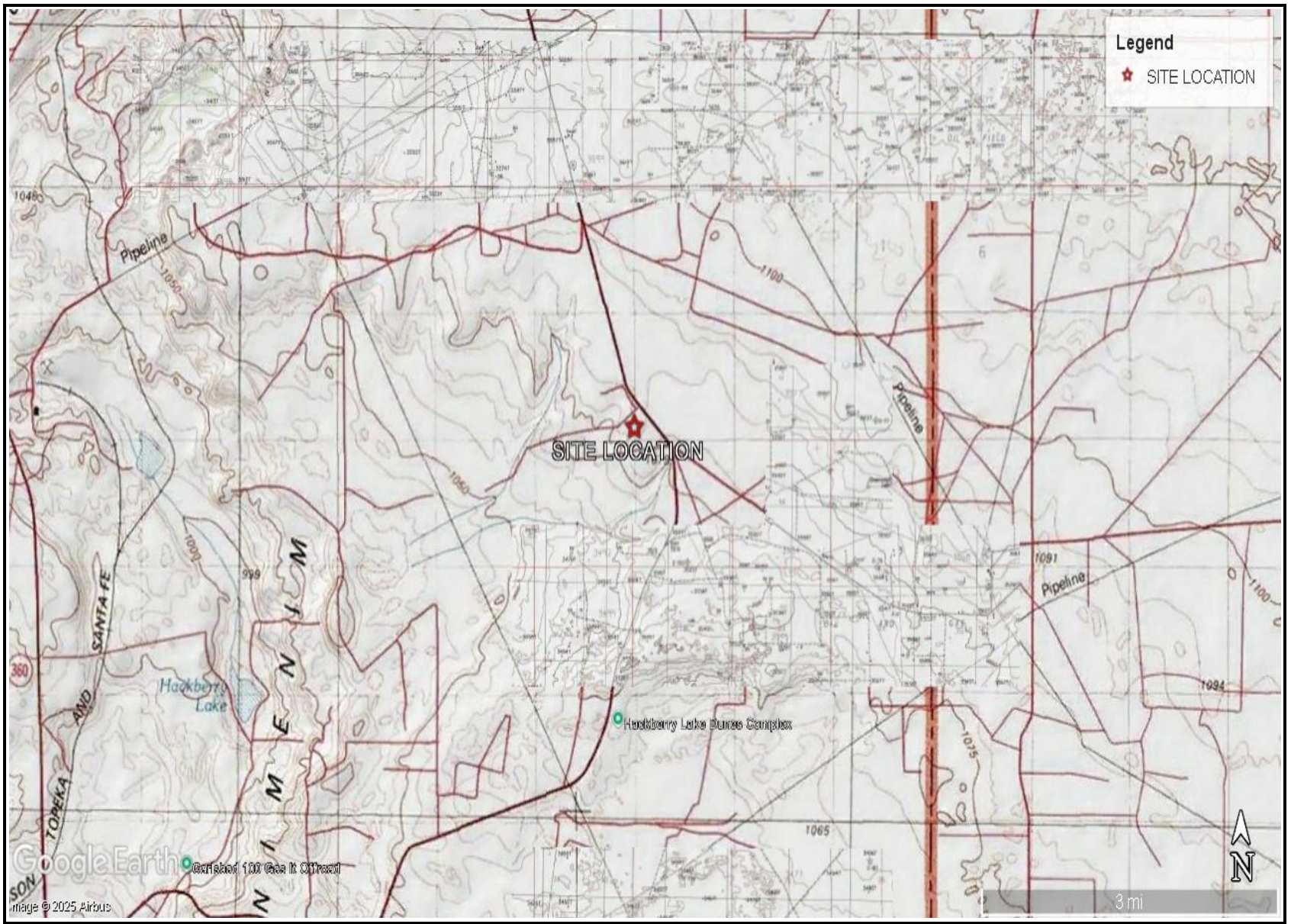
Ivan Ramos
Project Manager

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

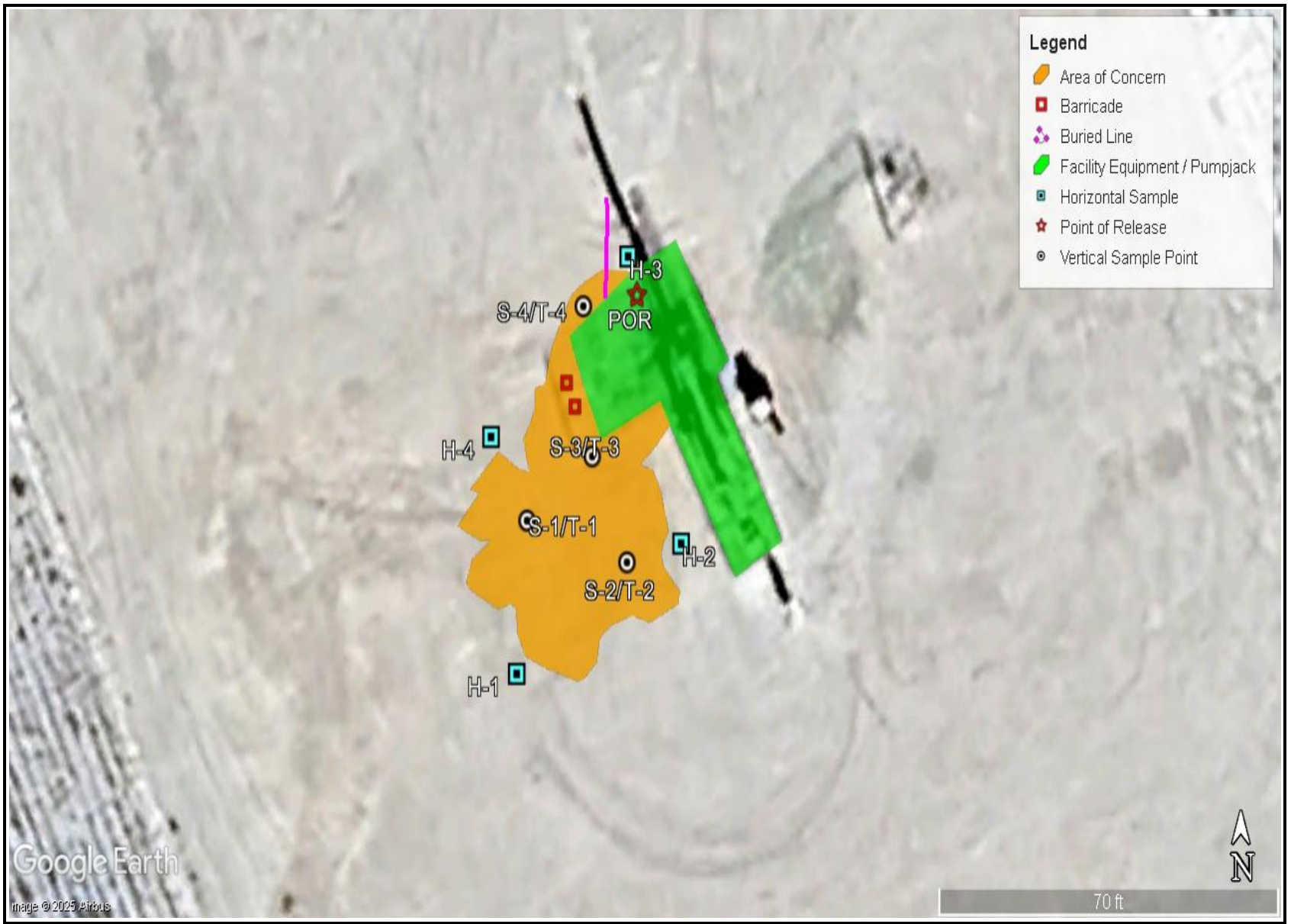
FIGURES

CARMONA RESOURCES

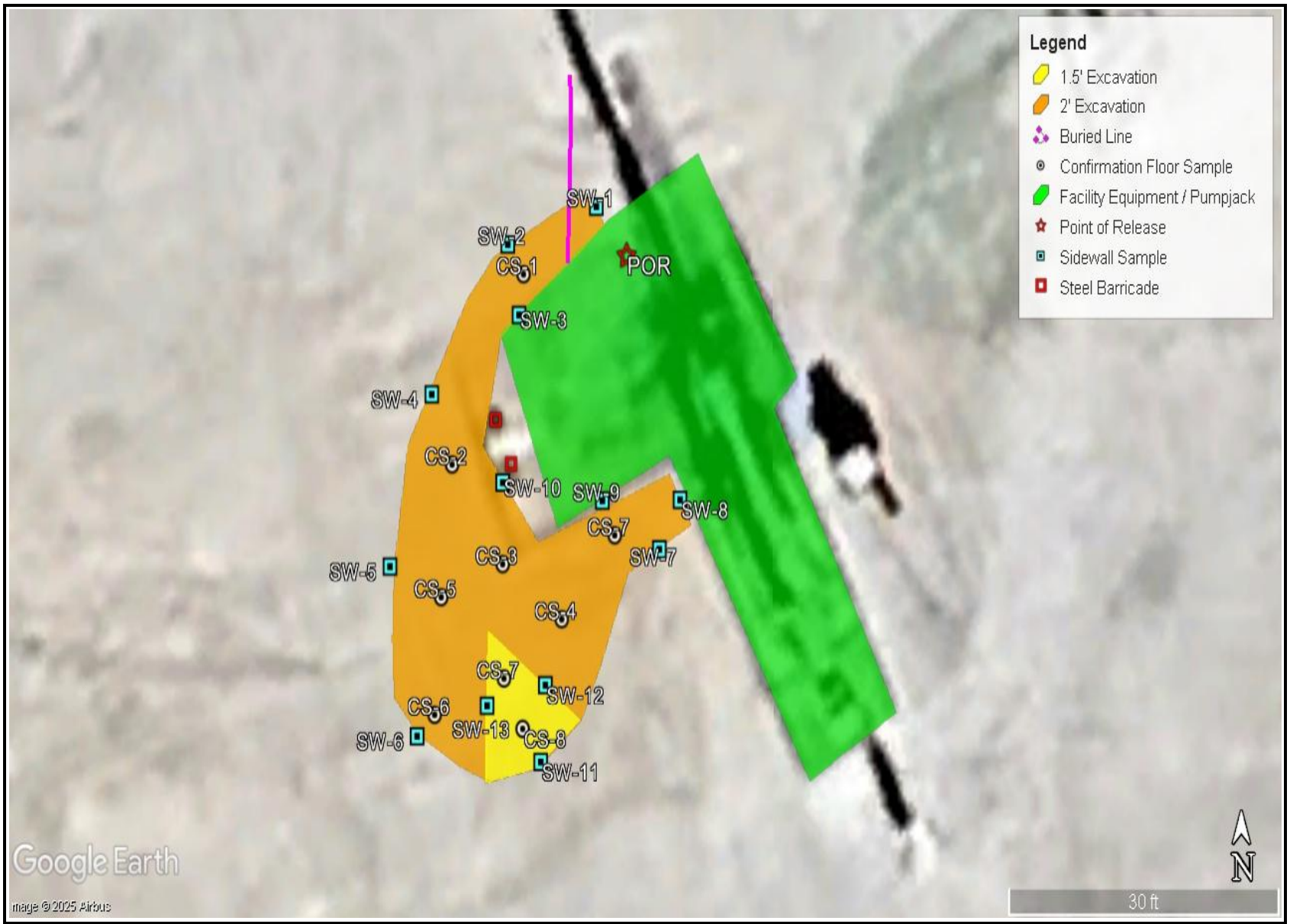
OVERVIEW MAP DEVON ENERGY HADAR 10 FEDERAL COM 4H (10.25.23) EDDY COUNTY, NEW MEXICO 32.6692314°, -103.8654938°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP DEVON ENERGY HADAR 10 FEDERAL COM 4H (10.25.23) EDDY COUNTY, NEW MEXICO 32.6692314°, -103.8654938°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP DEVON ENERGY HADAR 10 FEDERAL COM 4H (10.25.23) EDDY COUNTY, NEW MEXICO 32.6692314°, -103.8654938°	CARMONA RESOURCES	FIGURE 3



EXCAVATION MAP DEVON ENERGY HADAR 10 FEDERAL COM 4H (10.25.23) EDDY COUNTY, NEW MEXICO 32.6692314°, -103.8654938°	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
Devon Energy
Hadar 10 Fed Com 4H
Eddy 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	11/8/2023	0-1	<49.8	**636**	<49.8	**636**	<0.00202	<0.00202	0.0111	0.0241	0.0352	**1,290**
T-1	12/14/2023	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.0497	0.131	0.97	1.85	2.96	**11,000**
	"	1.5'	**115**	**893**	**138**	**1,150**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**909**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,260
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	470
	"	4.0'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.7
S-2	11/8/2023	0-1	<50.1	**1,360**	67.6	**1,430**	<0.00199	0.00294	<0.00199	<0.00398	<0.00398	61.6
	"	1.5	<50.4	**957**	<50.4	**957**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.6
T-2	12/14/2023	0-1.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	341
	"	1.5'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	147
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	402
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	147
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	14.3
S-3	11/8/2023	0-1	<50.5	**5,350**	**261**	**5,610**	<0.00200	0.00353	<0.00200	<0.00399	<0.00399	**673**
	"	1.5	<250	**9,610**	**483**	**10,100**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**827**
T-3	12/14/2023	0-1.0'	<50.2	64.5	<50.2	64.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**9,540**
	"	1.5'	<50.3	**102**	<50.3	**102**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,840**
	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,500
	"	3.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,510
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	931
	"	5.0'	<49.9	82.7	<49.9	82.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	755
	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.9
S-4	11/8/2023	0-1	**114**	**2,050**	**102**	**2,270**	0.224	5.48	5.65	7.97	19.3	**4,710**
	"	1.5	**129**	**2,720**	**140**	**2,990**	0.137	2.54	3.84	5.48	12.0	**4,220**
T-4	12/14/2023	0-1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,700**
	"	1.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**966**
	"	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,150
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	470
	"	4.0'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	18.5
H-1	11/8/2023	0-0.5	<49.5	<49.5	<49.5	<49.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	153
H-2	11/8/2023	0-0.5	<49.6	100	<49.6	100	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	198
H-3	11/8/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	271
H-4	11/8/2023	0-0.5	<49.8	61.3	<49.8	61.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	142
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**20,000 mg/kg**

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

Table 2
Devon Energy
Hadar 10 Fed Com 4H
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-2	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-3	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-4	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-5	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-6	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-7	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-8	3/24/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-9	3/24/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
SW-1	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-2	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-3	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-6	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-7	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
SW-8	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
SW-9	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
SW-10	3/24/2025	2.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
SW-11	3/24/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-12	3/24/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-13	3/24/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
Lea Land Pit	3/24/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 1

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

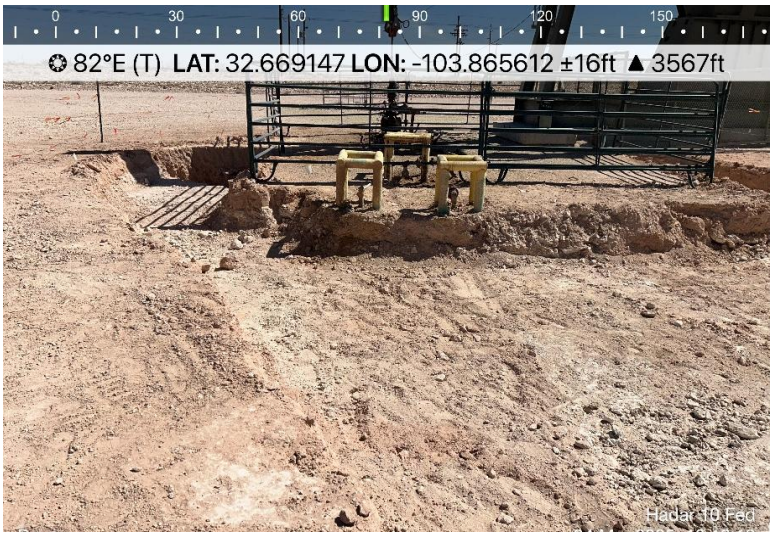
Description:
View Southeast, area of CS-1.

Photograph No. 2

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View East, area of CS-2 and CS-3.



Photograph No. 3

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View East, area of CS-4 and CS-5.

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 4

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View Southeast, area of CS-6, CS-8, and CS-9.

Photograph No. 5

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View North, area of CS-7.

Photograph No. 6

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View Northeast, area of CS-8 and CS-9.

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Devon Energy

Photograph No. 7

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

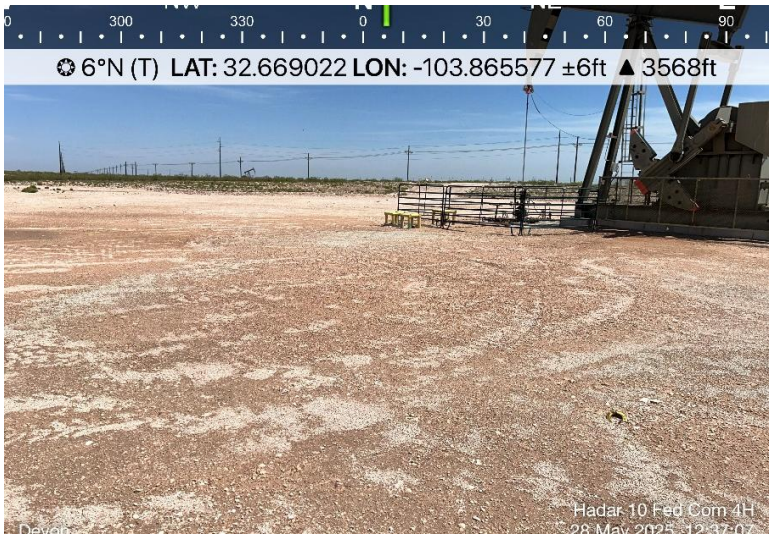
Description:
View South of backfilled area.

Photograph No. 8

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View North of backfilled area.



Photograph No. 9

Facility: Hadar 10 Federal Com 4H (10.25.2023)

County: Eddy County, New Mexico

Description:
View South of backfilled area.

CARMONA RESOURCES

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 279212

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 279212
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	HADAR 10 FEDERAL COM #004H
Date Release Discovered	10/25/2023
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
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Well | Crude Oil | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Well | Produced Water | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	No
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)	Wiper packing was loose and caused a spill. 5.2 bbls produced water and 2 bbls of oil released onto the pad. Spill did not go offsite. Recovered volumes are not available as of this notice.

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 279212
	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 19.15.29.7(A) NMAC	**No, minor release.**
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	*Not answered.*
If YES, was immediate notice given to the OCD, to whom	*Not answered.*
If YES, was immediate notice given to the OCD, when	*Not answered.*
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	*Not answered.*
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	False
If all the actions described above have not been undertaken, explain why	recovered volumes are not available as of this notice.
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please 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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1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 279212
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a releases 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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 279212
	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.	10/25/2023

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 444405

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444405
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2329840472**
Incident Name	**NAPP2329840472 HADAR 10 FEDERAL COM #004H @ 30-015-42572**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-015-42572] HADAR 10 FEDERAL COM #004H**

Location of Release Source	
Site Name	**HADAR 10 FEDERAL COM #004H**
Date Release Discovered	**10/25/2023**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,470
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/24/2025
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.6692314, -103.8654938

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 444405
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/20/2025

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Devon Energy

Legend

- 0.50 Mile Radius
- 1.24 Miles
- HADAR 10 FEDERAL COM #004H (10.25.2023)
- NMSEO Water Well

HADAR 10 FEDERAL COM #004H (10.25.2023)

400' - Drilled 2015

N

4000 ft

Google Earth

Groundwater Determination Bore Map

Devon Energy

Low Karst

Devon Energy

Legend

- HADAR 10 FEDERAL COM #004H (10.25.2023)
- Low
- Medium

HADAR 10 FEDERAL COM #004H (10.25.2023)

Google Earth

N

4000 ft

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

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

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00829 POD1	CP	LE		2	4	16	19S	31E	606165	3614009*	1196	120		
CP 01554 POD1	CP	LE	2	2	1	22	19S	31E	607166	3613354	1994	400		
CP 01554 POD2	CP	LE	2	2	1	22	19S	31E	607165	3613322	2024	400		
CP 01907 POD1	CP	ED	4	2	2	18	19S	31E	603017	3614737	3389			
CP 01943 POD1	CP	ED	1	3	1	20	19S	31E	603217	3612883	3909	55		
CP 00849 POD1	CP	LE	3	1	3	35	18S	31E	608012	3618757*	3926	300		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 606377 **Northing (Y):** 3615187 **Radius:** 4000

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

CARMONA RESOURCES

Project Name :	**Hadar 10 Federal Com 4H**	**Date :**	**Tuesday, August 27, 2024**
Project No. :	**2175**	**Sampler :**	**Ivan Ramos**
Location :	**Eddy County, New Mexico**		
Coordinates :	**32.668722, -103.865593**	**Driller :**	**H&R Enterprises, LLC**
Elevation :	**3561 feet**	**Method :**	**Air Rotary**

Depth (ft.)	WL	Soil Description	Lithology
0		0' - Tan, poorly cemented, small to medium, subangular gravel with 45% fine, silty soft, loose sand. Dry, no odor, no organics (SW).	
5		5' - Tan, moderately cemented, small to medium, subangular gravel with 65% fine, silty soft, loose sand. Dry, no odor, no organics (SW).	
10		10' - Pinkish brown, poorly cemented, small, subrounded gravel with 70% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
15		15' - Pinkish brown, poorly cemented, small to medium, subrounded clay nodules with 65% fine, silty soft, loose sand. Dry, no odor, no organics (SC).	
20		20' - Pinkish brown, poorly cemented, small to medium, subrounded clay nodules with 65% fine, silty soft, loose sand. Dry, no odor, no organics (SC).	
25		25' - Pinkish brown, poorly cemented, small, subrounded gypsum nodules with 95% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
30		30' - Pinkish tan, poorly cemented, small, subrounded sandstone nodules with 98% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
35		35' - Pinkish brown, moderately cemented, small to medium, subangular gravel with 80% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
40		40' - Pinkish tan, poorly cemented, small, subrounded sandstone nodules with 75% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
45		45' - Pale gray, poorly cemented, small, subrounded sandstone nodules with 98% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
50			

Depth (ft.)	WL	Soil Description	Lithology
50		50' - Pinkish tan, strongly cemented, small to medium subrounded sandstone nodules with 80% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
55		55' - Red, stiff, small to medium, subangular clay nodules with 25% coarse, clayey silt. Dry, no odor, no organics (CL).	
60		60' - White, poorly cemented, small, subangular sandstone nodules with 85% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
65		65' - Pinkish tan, poorly cemented, small to medium, subangular clay nodules with 65% fine, silty soft, loose sand. Dry, no odor, no organics (SC).	
70		70' - Red, medium stiff, small to medium, subangular clay nodules with 50% coarse, clayey silt. Dry, no odor, no organics (CL).	
75		75' - Pinkish brown, soft, small to medium subangular clay nodules with 70% pale gray, fine, silty soft, loose sand. Dry, no odor, no organics (SC).	
80		80' - Pinkish tan, poorly cemented, small, subangular gypsum nodules with 80% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	
85		85' - Pinkish brown, medium stiff, small to medium, subangular clay nodules with 70% fine, silty soft, loose sand. Dry, no odor, no organics (SC).	
90		90' - Reddish brown, medium stiff, small to medium, subangular clay nodules with 50% fine, silty soft, clayey silt. Dry, no odor, no organics (CL).	
95		95' - Red, medium stiff, small to medium, subangular clay nodules with 50% coarse, clayey silt. Dry, no odor, no organics (CL).	
105		100' - 105' : Pinkish brown, medium stiff, small, subrounded clay nodules with 70% fine, silty soft, clayey silt. Dry, no odor, no organics (ML).	

Comments : (08/27/24) Boring terminated at 105' at 9:50 A.M. Mountain Time with no presence of groundwater or moisture.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): CP-01554 POD-2	OSE FILE NUMBER(S):
WELL OWNER NAME(S): Central Valley Electric COOP, Philip R McKee	PHONE (OPTIONAL):
WELL OWNER MAILING ADDRESS: 1505 N 13th St.	CITY: Artesia STATE: NM ZIP: 88210

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	39	9.45	N
LONGITUDE	103	51	26.28	W

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

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

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1632	Caleb Curry	Hopper Pump & Drilling Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9/24/2015	9/25/2015	400	400	

COMPLETED WELL IS: ( ) ARTESIAN (•) DRY HOLE ( ) SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT):

DRILLING FLUID: (•) AIR ( ) MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ( ) ROTARY ( ) HAMMER ( ) CABLE TOOL ( ) OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	40	8	3/8 bentonite chip		
40	400	8	Natural Fill		

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	CP-1554	POD NUMBER	2	TRN NUMBER	575706
LOCATION	Cathodic	19S.31E.22.122			PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	250	250	Brown Sand	Y N	
250	400	150	Brown Sandstone	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP AIR LIFT BAILER OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

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:

Ground Rod Hole

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

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

[signature] 10/3/2012

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER CP-1554	POD NUMBER 2	TRN NUMBER 575706	
LOCATION Cathodic	19S.31E.22.122		PAGE 2 OF 2

Tom Blaine, P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 575706
File Nbr: CP 01554
Well File Nbr: CP 01554 POD2

Oct. 06, 2015

CALEB CURRY
ALAN HOPPER
1002 W PINE LODGE
ROSWELL, NM 88201

Greetings:

The above numbered permit was issued in your name on 09/11/2015.

The Well Record was received in this office on 10/05/2015, stating that it had been completed on 09/25/2015, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/30/2016.

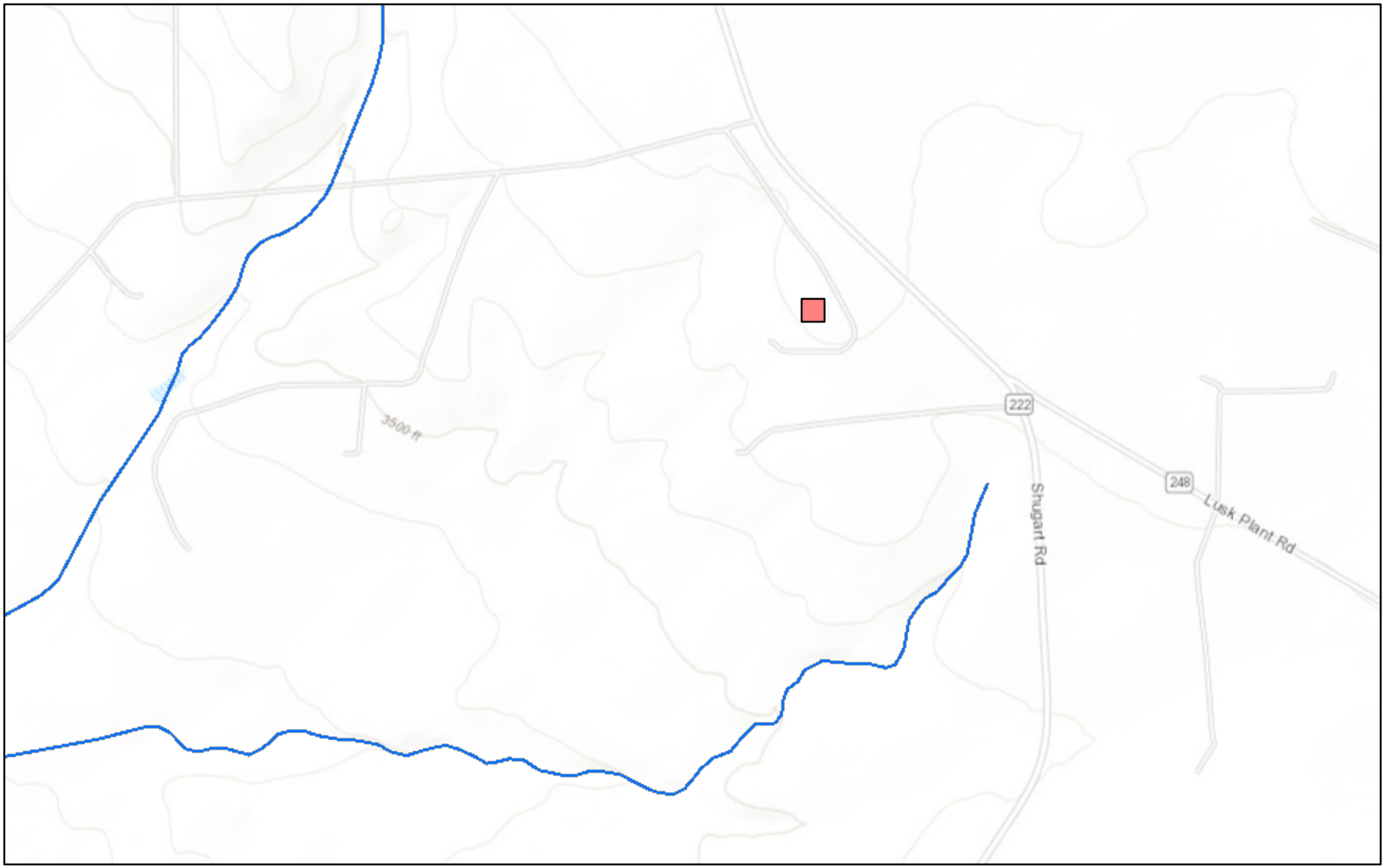
If you have any questions, please feel free to contact us.

Sincerely,

Yolanda Mendiola
(575)622-6521

drywell

New Mexico NFHL Data



October 31, 2023

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/16/2023 11:01:30 AM

JOB DESCRIPTION

Hadar 10 Fed Com 4H
Eddy County, New Mexico

JOB NUMBER

880-35636-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

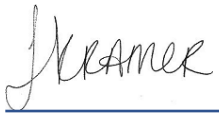
Eurofins Midland

Job Notes

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

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

Authorization



Generated
11/16/2023 11:01:30 AM

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

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Laboratory Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy 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
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Job ID: 880-35636-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-35636-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 11/10/2023 1:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-35636-1), S-2 (0-1') (880-35636-2), S-2 (1.5') (880-35636-3), S-3 (0-1') (880-35636-4), S-3 (1.5') (880-35636-5), S-4 (0-1') (880-35636-6) and S-4 (1.5') (880-35636-7).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-35636-1) and S-4 (1.5') (880-35636-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-3 (0-1') (880-35636-4), S-3 (1.5') (880-35636-5) and S-4 (0-1') (880-35636-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: S-4 (0-1') (880-35636-6) and S-4 (1.5') (880-35636-7). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-3 (1.5') (880-35636-5) and (880-35634-A-21-E). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-66922 and analytical batch 880-67101 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.

The associated samples are: S-1 (0-1') (880-35636-1), S-2 (0-1') (880-35636-2), S-2 (1.5') (880-35636-3), S-3 (0-1') (880-35636-4), S-3 (1.5') (880-35636-5), (880-35635-A-1-C), (880-35635-A-1-D MS) and (880-35635-A-1-E MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35636-1
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/10/23 15:06	11/12/23 01:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/10/23 15:06	11/12/23 01:10	1
Ethylbenzene	**0.0111**		0.00202		mg/Kg		11/10/23 15:06	11/12/23 01:10	1
m-Xylene & p-Xylene	**0.0121**		0.00404		mg/Kg		11/10/23 15:06	11/12/23 01:10	1
o-Xylene	**0.0120**		0.00202		mg/Kg		11/10/23 15:06	11/12/23 01:10	1
Xylenes, Total	**0.0241**		0.00404		mg/Kg		11/10/23 15:06	11/12/23 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*11/10/23 15:06*	*11/12/23 01:10*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*11/10/23 15:06*	*11/12/23 01:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0352**		0.00404		mg/Kg			11/12/23 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**636**		49.8		mg/Kg			11/13/23 08:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/11/23 21:05	11/13/23 08:56	1
Diesel Range Organics (Over C10-C28)	**636**		49.8		mg/Kg		11/11/23 21:05	11/13/23 08:56	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/11/23 21:05	11/13/23 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*11/11/23 21:05*	*11/13/23 08:56*	*1*
o-Terphenyl	*128*		*70 - 130*	*11/11/23 21:05*	*11/13/23 08:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1290**		4.96		mg/Kg			11/15/23 20:46	1

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

Lab Sample ID: 880-35636-2
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:30	1
Toluene	**0.00294**		0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 01:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/10/23 15:06*	*11/12/23 01:30*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*11/10/23 15:06*	*11/12/23 01:30*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35636-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/12/23 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1430**		50.1		mg/Kg			11/13/23 08:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/11/23 21:05	11/13/23 08:10	1
Diesel Range Organics (Over C10-C28)	**1360**		50.1		mg/Kg		11/11/23 21:05	11/13/23 08:10	1
Oil Range Organics (Over C28-C36)	**67.6**		50.1		mg/Kg		11/11/23 21:05	11/13/23 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*11/11/23 21:05*	*11/13/23 08:10*	*1*
o-Terphenyl	*123*		*70 - 130*	*11/11/23 21:05*	*11/13/23 08:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.6**		4.95		mg/Kg			11/15/23 21:03	1

Client Sample ID: S-2 (1.5')

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35636-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 01:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 01:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*11/10/23 15:06*	*11/12/23 01:51*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/10/23 15:06*	*11/12/23 01:51*	*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			11/12/23 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**957**		50.4		mg/Kg			11/13/23 08:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/11/23 21:05	11/13/23 08:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-35636-3
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**957**		50.4		mg/Kg		11/11/23 21:05	11/13/23 08:33	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/11/23 21:05	11/13/23 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*11/11/23 21:05*	*11/13/23 08:33*	*1*
o-Terphenyl	*125*		*70 - 130*	*11/11/23 21:05*	*11/13/23 08:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.6**		5.04		mg/Kg			11/15/23 21:08	1

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

Lab Sample ID: 880-35636-4
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/12/23 02:11	1
Toluene	**0.00353**		0.00200		mg/Kg		11/10/23 15:06	11/12/23 02:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/12/23 02:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/10/23 15:06	11/12/23 02:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/12/23 02:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/10/23 15:06	11/12/23 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*	*11/10/23 15:06*	*11/12/23 02:11*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*11/10/23 15:06*	*11/12/23 02:11*	*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			11/12/23 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5610**		50.5		mg/Kg			11/13/23 06:40	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	<50.5	U	50.5		mg/Kg		11/11/23 21:05	11/13/23 06:40	1
Diesel Range Organics (Over C10-C28)	**5350**		50.5		mg/Kg		11/11/23 21:05	11/13/23 06:40	1
OII Range Organics (Over C28-C36)	**261**		50.5		mg/Kg		11/11/23 21:05	11/13/23 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*11/11/23 21:05*	*11/13/23 06:40*	*1*
o-Terphenyl	*112*		*70 - 130*	*11/11/23 21:05*	*11/13/23 06:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**673**		5.01		mg/Kg			11/15/23 21:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-35636-5

Date Collected: 11/08/23 00:00
Matrix: Solid
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 02:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*11/10/23 15:06*	*11/12/23 02:32*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/10/23 15:06*	*11/12/23 02:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/12/23 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**10100**		250		mg/Kg			11/13/23 07:48	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	<250	U	250		mg/Kg		11/11/23 21:05	11/13/23 07:48	5
Diesel Range Organics (Over C10-C28)	**9610**		250		mg/Kg		11/11/23 21:05	11/13/23 07:48	5
Oil Range Organics (Over C28-C36)	**483**		250		mg/Kg		11/11/23 21:05	11/13/23 07:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*11/11/23 21:05*	*11/13/23 07:48*	*5*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*11/11/23 21:05*	*11/13/23 07:48*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**827**		5.03		mg/Kg			11/15/23 21:20	1

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

Lab Sample ID: 880-35636-6

Date Collected: 11/08/23 00:00
Matrix: Solid
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.224**		0.0495		mg/Kg		11/10/23 15:06	11/12/23 02:53	25
Toluene	**5.48**		0.0495		mg/Kg		11/10/23 15:06	11/12/23 02:53	25
Ethylbenzene	**5.65**		0.0495		mg/Kg		11/10/23 15:06	11/12/23 02:53	25
m-Xylene & p-Xylene	**5.23**		0.0990		mg/Kg		11/10/23 15:06	11/12/23 02:53	25
o-Xylene	**2.74**		0.0495		mg/Kg		11/10/23 15:06	11/12/23 02:53	25
Xylenes, Total	**7.97**		0.0990		mg/Kg		11/10/23 15:06	11/12/23 02:53	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*277*	*S1+*	*70 - 130*	*11/10/23 15:06*	*11/12/23 02:53*	*25*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*11/10/23 15:06*	*11/12/23 02:53*	*25*

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Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35636-6
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.3		0.0990		mg/Kg			11/12/23 02:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2270		49.9		mg/Kg			11/13/23 07:25	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	114		49.9		mg/Kg		11/11/23 21:05	11/13/23 07:25	1
Diesel Range Organics (Over C10-C28)	2050		49.9		mg/Kg		11/11/23 21:05	11/13/23 07:25	1
Oil Range Organics (Over C28-C36)	102		49.9		mg/Kg		11/11/23 21:05	11/13/23 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*11/11/23 21:05*	*11/13/23 07:25*	*1*
o-Terphenyl	*103*		*70 - 130*	*11/11/23 21:05*	*11/13/23 07:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4710		49.5		mg/Kg			11/15/23 16:54	10

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-35636-7
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.137		0.0501		mg/Kg		11/10/23 15:06	11/12/23 03:13	25
Toluene	2.54		0.0501		mg/Kg		11/10/23 15:06	11/12/23 03:13	25
Ethylbenzene	3.84		0.0501		mg/Kg		11/10/23 15:06	11/12/23 03:13	25
m-Xylene & p-Xylene	3.55		0.100		mg/Kg		11/10/23 15:06	11/12/23 03:13	25
o-Xylene	1.93		0.0501		mg/Kg		11/10/23 15:06	11/12/23 03:13	25
Xylenes, Total	5.48		0.100		mg/Kg		11/10/23 15:06	11/12/23 03:13	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*244*	*S1+*	*70 - 130*	*11/10/23 15:06*	*11/12/23 03:13*	*25*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*11/10/23 15:06*	*11/12/23 03:13*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.0		0.100		mg/Kg			11/12/23 03:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2990		49.6		mg/Kg			11/13/23 07:02	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	129		49.6		mg/Kg		11/11/23 21:05	11/13/23 07:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35636-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	2720		49.6		mg/Kg		11/11/23 21:05	11/13/23 07:02	1
Oil Range Organics (Over C28-C36)	140		49.6		mg/Kg		11/11/23 21:05	11/13/23 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*11/11/23 21:05*	*11/13/23 07:02*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/11/23 21:05*	*11/13/23 07:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4220		50.4		mg/Kg			11/15/23 17:11	10

Surrogate Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy 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)
880-35634-A-21-B MS	Matrix Spike	116	93
880-35634-A-21-C MSD	Matrix Spike Duplicate	111	116
880-35636-1	S-1 (0-1')	139 S1+	108
880-35636-2	S-2 (0-1')	120	108
880-35636-3	S-2 (1.5')	129	97
880-35636-4	S-3 (0-1')	159 S1+	122
880-35636-5	S-3 (1.5')	134 S1+	113
880-35636-6	S-4 (0-1')	277 S1+	108
880-35636-7	S-4 (1.5')	244 S1+	109
LCS 880-66739/1-A	Lab Control Sample	114	110
LCSD 880-66739/2-A	Lab Control Sample Dup	111	114
MB 880-66375/5-A	Method Blank	70	102
MB 880-66739/5-A	Method Blank	70	102

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)
880-35634-A-21-F MS	Matrix Spike	111	106
880-35634-A-21-G MSD	Matrix Spike Duplicate	108	105
880-35636-1	S-1 (0-1')	121	128
880-35636-2	S-2 (0-1')	120	123
880-35636-3	S-2 (1.5')	120	125
880-35636-4	S-3 (0-1')	110	112
880-35636-5	S-3 (1.5')	122	150 S1+
880-35636-6	S-4 (0-1')	101	103
880-35636-7	S-4 (1.5')	118	115
LCS 880-66779/2-A	Lab Control Sample	93	108
LCSD 880-66779/3-A	Lab Control Sample Dup	80	91
MB 880-66779/1-A	Method Blank	106	116

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-66375/5-A
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/07/23 13:39	11/11/23 08:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/07/23 13:39	11/11/23 08:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/07/23 13:39	11/11/23 08:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/07/23 13:39	11/11/23 08:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/07/23 13:39	11/11/23 08:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/07/23 13:39	11/11/23 08:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*	*11/07/23 13:39*	*11/11/23 08:36*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/07/23 13:39*	*11/11/23 08:36*	*1*

Lab Sample ID: MB 880-66739/5-A
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/11/23 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/11/23 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/11/23 19:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/10/23 15:06	11/11/23 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/11/23 19:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/23 15:06	11/11/23 19:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*	*11/10/23 15:06*	*11/11/23 19:16*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/10/23 15:06*	*11/11/23 19:16*	*1*

Lab Sample ID: LCS 880-66739/1-A
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 66739

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1083		mg/Kg		108	70 - 130		
Toluene			0.100	0.1113		mg/Kg		111	70 - 130		
Ethylbenzene			0.100	0.1052		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			0.200	0.2286		mg/Kg		114	70 - 130		
o-Xylene			0.100	0.1092		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-66739/2-A
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 66739

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1139		mg/Kg		114	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-66739/2-A
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 66739

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1117		mg/Kg		112	70 - 130	0	35
Ethylbenzene			0.100	0.1070		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2290		mg/Kg		115	70 - 130	0	35
o-Xylene			0.100	0.1093		mg/Kg		109	70 - 130	0	35

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

Lab Sample ID: 880-35634-A-21-B MS
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 66739

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1036		mg/Kg		104	70 - 130
Toluene	<0.00199	U	0.0996	0.09997		mg/Kg		100	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09681		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1981		mg/Kg		99	70 - 130
o-Xylene	<0.00199	U	0.0996	0.09903		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-35634-A-21-C MSD
Matrix: Solid
Analysis Batch: 66683

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 66739

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0994	0.1039		mg/Kg		105	70 - 130	0	35
Toluene	<0.00199	U	0.0994	0.09335		mg/Kg		94	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.0994	0.08931		mg/Kg		90	70 - 130	8	35
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1853		mg/Kg		93	70 - 130	7	35
o-Xylene	<0.00199	U	0.0994	0.09170		mg/Kg		92	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

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

Lab Sample ID: MB 880-66779/1-A
Matrix: Solid
Analysis Batch: 66788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66779

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		11/11/23 21:05	11/12/23 23:33	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-66779/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66788 — **Prep Batch: 66779**

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		11/11/23 21:05	11/12/23 23:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/23 21:05	11/12/23 23:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*11/11/23 21:05*	*11/12/23 23:33*	*1*
o-Terphenyl	*116*		*70 - 130*	*11/11/23 21:05*	*11/12/23 23:33*	*1*

Lab Sample ID: LCS 880-66779/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66788 — **Prep Batch: 66779**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1022		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1072		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: LCSD 880-66779/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66788 — **Prep Batch: 66779**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	948.9		mg/Kg		95	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	967.5		mg/Kg		97	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*80*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: 880-35634-A-21-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66788 — **Prep Batch: 66779**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	945.1		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	58.5		1010	1094		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35634-A-21-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66788 — **Prep Batch: 66779**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1010	913.8		mg/Kg		91	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	58.5		1010	1089		mg/Kg		102	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*105*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-66921/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 67060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/15/23 16:37	1

Lab Sample ID: LCS 880-66921/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 67060

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-66921/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 67060

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	251.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-35636-6 MS — **Client Sample ID: S-4 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 67060

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4710		2480	7167		mg/Kg		99	90 - 110

Lab Sample ID: 880-35636-6 MSD — **Client Sample ID: S-4 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 67060

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4710		2480	7165		mg/Kg		99	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-66922/1-A
Matrix: Solid
Analysis Batch: 67101

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			11/15/23 19:55	1

Lab Sample ID: LCS 880-66922/2-A
Matrix: Solid
Analysis Batch: 67101

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	251.8		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-66922/3-A
Matrix: Solid
Analysis Batch: 67101

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	251.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-35635-A-1-D MS
Matrix: Solid
Analysis Batch: 67101

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	153	F1	251	313.1	F1	mg/Kg		64	90 - 110		

Lab Sample ID: 880-35635-A-1-E MSD
Matrix: Solid
Analysis Batch: 67101

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	153	F1	251	312.7	F1	mg/Kg		64	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 66375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-66375/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 66683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Total/NA	Solid	8021B	66739
880-35636-2	S-2 (0-1')	Total/NA	Solid	8021B	66739
880-35636-3	S-2 (1.5')	Total/NA	Solid	8021B	66739
880-35636-4	S-3 (0-1')	Total/NA	Solid	8021B	66739
880-35636-5	S-3 (1.5')	Total/NA	Solid	8021B	66739
880-35636-6	S-4 (0-1')	Total/NA	Solid	8021B	66739
880-35636-7	S-4 (1.5')	Total/NA	Solid	8021B	66739
MB 880-66375/5-A	Method Blank	Total/NA	Solid	8021B	66375
MB 880-66739/5-A	Method Blank	Total/NA	Solid	8021B	66739
LCS 880-66739/1-A	Lab Control Sample	Total/NA	Solid	8021B	66739
LCSD 880-66739/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	66739
880-35634-A-21-B MS	Matrix Spike	Total/NA	Solid	8021B	66739
880-35634-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	66739

Prep Batch: 66739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Total/NA	Solid	5035	
880-35636-2	S-2 (0-1')	Total/NA	Solid	5035	
880-35636-3	S-2 (1.5')	Total/NA	Solid	5035	
880-35636-4	S-3 (0-1')	Total/NA	Solid	5035	
880-35636-5	S-3 (1.5')	Total/NA	Solid	5035	
880-35636-6	S-4 (0-1')	Total/NA	Solid	5035	
880-35636-7	S-4 (1.5')	Total/NA	Solid	5035	
MB 880-66739/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-66739/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-66739/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-35634-A-21-B MS	Matrix Spike	Total/NA	Solid	5035	
880-35634-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 66859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-35636-2	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-35636-3	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-35636-4	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-35636-5	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-35636-6	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-35636-7	S-4 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 66779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-35636-2	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-35636-3	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-35636-4	S-3 (0-1')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 66779 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-5	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-35636-6	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-35636-7	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-66779/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-66779/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66779/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-35634-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-35634-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 66788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Total/NA	Solid	8015B NM	66779
880-35636-2	S-2 (0-1')	Total/NA	Solid	8015B NM	66779
880-35636-3	S-2 (1.5')	Total/NA	Solid	8015B NM	66779
880-35636-4	S-3 (0-1')	Total/NA	Solid	8015B NM	66779
880-35636-5	S-3 (1.5')	Total/NA	Solid	8015B NM	66779
880-35636-6	S-4 (0-1')	Total/NA	Solid	8015B NM	66779
880-35636-7	S-4 (1.5')	Total/NA	Solid	8015B NM	66779
MB 880-66779/1-A	Method Blank	Total/NA	Solid	8015B NM	66779
LCS 880-66779/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66779
LCSD 880-66779/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66779
880-35634-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	66779
880-35634-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	66779

Analysis Batch: 66883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-35636-2	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-35636-3	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-35636-4	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-35636-5	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-35636-6	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-35636-7	S-4 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 66921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-6	S-4 (0-1')	Soluble	Solid	DI Leach	
880-35636-7	S-4 (1.5')	Soluble	Solid	DI Leach	
MB 880-66921/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-66921/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-66921/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35636-6 MS	S-4 (0-1')	Soluble	Solid	DI Leach	
880-35636-6 MSD	S-4 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 66922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-35636-2	S-2 (0-1')	Soluble	Solid	DI Leach	
880-35636-3	S-2 (1.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 66922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-4	S-3 (0-1')	Soluble	Solid	DI Leach	
880-35636-5	S-3 (1.5')	Soluble	Solid	DI Leach	
MB 880-66922/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-66922/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-66922/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35635-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-35635-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 67060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-6	S-4 (0-1')	Soluble	Solid	300.0	66921
880-35636-7	S-4 (1.5')	Soluble	Solid	300.0	66921
MB 880-66921/1-A	Method Blank	Soluble	Solid	300.0	66921
LCS 880-66921/2-A	Lab Control Sample	Soluble	Solid	300.0	66921
LCSD 880-66921/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	66921
880-35636-6 MS	S-4 (0-1')	Soluble	Solid	300.0	66921
880-35636-6 MSD	S-4 (0-1')	Soluble	Solid	300.0	66921

Analysis Batch: 67101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35636-1	S-1 (0-1')	Soluble	Solid	300.0	66922
880-35636-2	S-2 (0-1')	Soluble	Solid	300.0	66922
880-35636-3	S-2 (1.5')	Soluble	Solid	300.0	66922
880-35636-4	S-3 (0-1')	Soluble	Solid	300.0	66922
880-35636-5	S-3 (1.5')	Soluble	Solid	300.0	66922
MB 880-66922/1-A	Method Blank	Soluble	Solid	300.0	66922
LCS 880-66922/2-A	Lab Control Sample	Soluble	Solid	300.0	66922
LCSD 880-66922/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	66922
880-35635-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	66922
880-35635-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	66922

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35636-1
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66683	11/12/23 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 01:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			66883	11/13/23 08:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66788	11/13/23 08:56	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 20:46	SMC	EET MID

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

Lab Sample ID: 880-35636-2
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66683	11/12/23 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 01:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			66883	11/13/23 08:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66788	11/13/23 08:10	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 21:03	SMC	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-35636-3
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66683	11/12/23 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 01:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			66883	11/13/23 08:33	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66788	11/13/23 08:33	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 21:08	SMC	EET MID

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

Lab Sample ID: 880-35636-4
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66683	11/12/23 02:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 02:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35636-4
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			66883	11/13/23 06:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66788	11/13/23 06:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 21:14	SMC	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-35636-5
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66683	11/12/23 02:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 02:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			66883	11/13/23 07:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	66788	11/13/23 07:48	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 21:20	SMC	EET MID

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

Lab Sample ID: 880-35636-6
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	66683	11/12/23 02:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 02:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			66883	11/13/23 07:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66788	11/13/23 07:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	66921	11/14/23 08:18	SA	EET MID
Soluble	Analysis	300.0		10			67060	11/15/23 16:54	SMC	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-35636-7
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	66739	11/10/23 15:06	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	66683	11/12/23 03:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66859	11/12/23 03:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			66883	11/13/23 07:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	66779	11/11/23 21:05	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66788	11/13/23 07:02	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35636-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	66921	11/14/23 08:18	SA	EET MID
Soluble	Analysis	300.0		10			67060	11/15/23 17:11	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: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

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: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35636-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-35636-1	S-1 (0-1')	Solid	11/08/23 00:00	11/10/23 13:35
880-35636-2	S-2 (0-1')	Solid	11/08/23 00:00	11/10/23 13:35
880-35636-3	S-2 (1.5')	Solid	11/08/23 00:00	11/10/23 13:35
880-35636-4	S-3 (0-1')	Solid	11/08/23 00:00	11/10/23 13:35
880-35636-5	S-3 (1.5')	Solid	11/08/23 00:00	11/10/23 13:35
880-35636-6	S-4 (0-1')	Solid	11/08/23 00:00	11/10/23 13:35
880-35636-7	S-4 (1.5')	Solid	11/08/23 00:00	11/10/23 13:35

Chain of Custody

880-35636 Chain of Custody

Page 1 of 1

Project Manager	Conner Moehring	Bill to (if different)	Dale Woodall
Company Name	Carmona Resources	Company Name	Devon Energy
Address	310 W Wall St Ste 500	Address	205 E Bender Rd #150
City State ZIP	Midland, TX 79701	City, State ZIP	Hobbs New Mexico
Phone	432-813-6823	Email	Dale Woodall@dev.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Hadar 10 Fed Com 4H	Turn Around	☑ Routine ☐ Rush
Project Number	2175	Due Date	
Project Location	Eddy County, New Mexico		
Sampler's Name	JM		
Work Order	21247412		

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	+.20	
Sample Custody Seals	Yes No N/A	Temperature Reading	3.0	
Total Containers		Corrected Temperature	3.20	

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-1 (0-1')	11/8/2023		X		G	1	X	X	X	
S-2 (0-1')	11/8/2023		X		G	1	X	X	X	
S-2 (1 5')	11/8/2023		X		G	1	X	X	X	
S-3 (0-1')	11/8/2023		X		G	1	X	X	X	
S-3 (1 5')	11/8/2023		X		G	1	X	X	X	
S-4 (0-1')	11/8/2023		X		G	1	X	X	X	
S-4 (1 5')	11/8/2023		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
	11-10-23	Sundat	11-10-23 1335

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-35636-1
SDG Number: Eddy County, New Mexico

Login Number: 35636
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/22/2023 2:34:13 PM

JOB DESCRIPTION

Hadar 10 Fed Com 4H
Eddy County, New Mexico

JOB NUMBER

880-37027-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

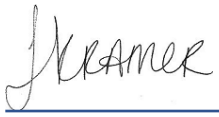
Eurofins Midland

Job Notes

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

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

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
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Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Laboratory Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Job ID: 880-37027-1
Project/Site: Hadar 10 Fed Com 4H
SDG: Eddy County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Hadar 10 Fed Com 4H

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Job Narrative
880-37027-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 12/15/2023 2:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -7.5°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1.0') (880-37027-1), T-1 (1.5') (880-37027-2), T-1 (2.0') (880-37027-3), T-1 (3.0') (880-37027-4), T-1 (4.0') (880-37027-5), T-2 (0-1.0') (880-37027-6), T-2 (1.5') (880-37027-7), T-2 (2.0') (880-37027-8), T-2 (3.0') (880-37027-9), T-2 (4.0') (880-37027-10), T-3 (0-1.0') (880-37027-11), T-3 (1.5') (880-37027-12), T-3 (2.0') (880-37027-13), T-3 (3.0') (880-37027-14), T-3 (4.0') (880-37027-15), T-3 (5.0') (880-37027-16), T-3 (6.0') (880-37027-17), T-4 (0-1.0') (880-37027-18), T-4 (1.5') (880-37027-19), T-4 (2.0') (880-37027-20), T-4 (3.0') (880-37027-21) and T-4 (4.0') (880-37027-22).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-69289 and analytical batch 880-69272 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-1 (0-1.0') (880-37027-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-69290 and analytical batch 880-69481 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: T-1 (0-1.0') (880-37027-1). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-4 (3.0') (880-37027-21), T-4 (4.0') (880-37027-22) and (880-37028-A-61-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-69258 and analytical batch 880-69261 were below control limits due to an incorrect spike amount added. The associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-69258 and analytical batch 880-69261 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Hadar 10 Fed Com 4H

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Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-69264/12), (CCV 880-69264/28), (CCV 880-69264/39), (CCV 880-69264/5) and (LCS 880-69257/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-69257 and analytical batch 880-69264 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 880-69318 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (0-1.0')

Lab Sample ID: 880-37027-1
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0497	U	0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	25
Toluene	**0.131**		0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	25
Ethylbenzene	**0.970**		0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	25
m-Xylene & p-Xylene	**1.12**		0.0994		mg/Kg		12/18/23 09:46	12/21/23 08:13	25
o-Xylene	**0.734**		0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	25
Xylenes, Total	**1.85**		0.0994		mg/Kg		12/18/23 09:46	12/21/23 08:13	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*12/18/23 09:46*	*12/21/23 08:13*	*25*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*12/18/23 09:46*	*12/21/23 08:13*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**2.96**		0.0994		mg/Kg			12/21/23 08:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/23 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/15/23 22:40	12/18/23 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/23 22:40	12/18/23 13:40	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/15/23 22:40	12/18/23 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*12/15/23 22:40*	*12/18/23 13:40*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/15/23 22:40*	*12/18/23 13:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11000**		101		mg/Kg			12/18/23 17:57	20

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-37027-2
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 05:09	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		12/18/23 09:46	12/21/23 05:09	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		12/18/23 09:46	12/21/23 05:09	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		12/18/23 09:46	12/21/23 05:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 05:09	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		12/18/23 09:46	12/21/23 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*12/18/23 09:46*	*12/21/23 05:09*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/18/23 09:46*	*12/21/23 05:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-37027-2
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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			12/21/23 05:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1150**		49.9		mg/Kg			12/18/23 14:48	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	**115**	**F1**	49.9		mg/Kg		12/15/23 22:40	12/18/23 14:48	1
Diesel Range Organics (Over C10-C28)	**893**	**F1**	49.9		mg/Kg		12/15/23 22:40	12/18/23 14:48	1
Oil Range Organics (Over C28-C36)	**138**		49.9		mg/Kg		12/15/23 22:40	12/18/23 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*12/15/23 22:40*	*12/18/23 14:48*	*1*
o-Terphenyl	*97*		*70 - 130*	*12/15/23 22:40*	*12/18/23 14:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**909**		25.1		mg/Kg			12/18/23 18:12	5

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-37027-3
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 05:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 05:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 05:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/18/23 09:46	12/21/23 05:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 05:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/18/23 09:46	12/21/23 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/18/23 09:46*	*12/21/23 05:30*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*12/18/23 09:46*	*12/21/23 05:30*	*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			12/21/23 05:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/18/23 15:10	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	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 15:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-37027-3
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 15:10	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*12/15/23 22:40*	*12/18/23 15:10*	*1*
o-Terphenyl	*110*		*70 - 130*	*12/15/23 22:40*	*12/18/23 15:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1260**		25.0		mg/Kg			12/18/23 18:17	5

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-37027-4
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 05:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 05:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 05:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 05:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 05:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*12/18/23 09:46*	*12/21/23 05:50*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*12/18/23 09:46*	*12/21/23 05:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 05:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/23 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 15:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 15:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*12/15/23 22:40*	*12/18/23 15:32*	*1*
o-Terphenyl	*122*		*70 - 130*	*12/15/23 22:40*	*12/18/23 15:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		5.00		mg/Kg			12/18/23 18:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (4.0')

Lab Sample ID: 880-37027-5
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 06:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 06:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/18/23 09:46*	*12/21/23 06:11*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*12/18/23 09:46*	*12/21/23 06:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/18/23 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	<50.3	U	50.3		mg/Kg		12/15/23 22:40	12/18/23 15:53	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/15/23 22:40	12/18/23 15:53	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 22:40	12/18/23 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*12/15/23 22:40*	*12/18/23 15:53*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/15/23 22:40*	*12/18/23 15:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.7**		5.03		mg/Kg			12/18/23 18:27	1

Client Sample ID: T-2 (0-1.0')

Lab Sample ID: 880-37027-6
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 06:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:46	12/21/23 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 09:46	12/21/23 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/18/23 09:46*	*12/21/23 06:31*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*12/18/23 09:46*	*12/21/23 06:31*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (0-1.0')

Lab Sample ID: 880-37027-6
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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			12/21/23 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/18/23 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 16:14	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 16:14	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*12/15/23 22:40*	*12/18/23 16:14*	*1*
o-Terphenyl	*120*		*70 - 130*	*12/15/23 22:40*	*12/18/23 16:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**341**		4.97		mg/Kg			12/18/23 18:31	1

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-37027-7
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 06:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 06:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 06:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:46	12/21/23 06:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 06:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:46	12/21/23 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/18/23 09:46*	*12/21/23 06:51*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*12/18/23 09:46*	*12/21/23 06:51*	*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			12/21/23 06:51	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			12/18/23 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 16:37	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 16:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-37027-7
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*12/15/23 22:40*	*12/18/23 16:37*	*1*
o-Terphenyl	*114*		*70 - 130*	*12/15/23 22:40*	*12/18/23 16:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**339**		4.98		mg/Kg			12/18/23 18:36	1

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-37027-8
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 07:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 07:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 07:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:46	12/21/23 07:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 07:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:46	12/21/23 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/18/23 09:46*	*12/21/23 07:12*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*12/18/23 09:46*	*12/21/23 07:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/21/23 07:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/18/23 16:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 16:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 16:58	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*12/15/23 22:40*	*12/18/23 16:58*	*1*
o-Terphenyl	*128*		*70 - 130*	*12/15/23 22:40*	*12/18/23 16:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**402**		5.01		mg/Kg			12/18/23 18:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-37027-9
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 07:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 07:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 07:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 07:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 07:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*12/18/23 09:46*	*12/21/23 07:32*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*12/18/23 09:46*	*12/21/23 07:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 07:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/18/23 17:21	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		12/15/23 22:40	12/18/23 17:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 17:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*12/15/23 22:40*	*12/18/23 17:21*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/15/23 22:40*	*12/18/23 17:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**147**		4.97		mg/Kg			12/18/23 22:09	1

Client Sample ID: T-2 (4.0')

Lab Sample ID: 880-37027-10
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/18/23 09:46	12/21/23 07:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:46	12/21/23 07:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:46	12/21/23 07:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 09:46	12/21/23 07:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:46	12/21/23 07:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 09:46	12/21/23 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/18/23 09:46*	*12/21/23 07:53*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*12/18/23 09:46*	*12/21/23 07:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (4.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/21/23 07:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/23 17:45	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	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 17:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*12/15/23 22:40*	*12/18/23 17:45*	*1*
o-Terphenyl	*110*		*70 - 130*	*12/15/23 22:40*	*12/18/23 17:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.3**		5.02		mg/Kg			12/18/23 22:24	1

Client Sample ID: T-3 (0-1.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/21/23 22:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/21/23 22:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/21/23 22:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/20/23 11:11	12/21/23 22:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/21/23 22:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/20/23 11:11	12/21/23 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*12/20/23 11:11*	*12/21/23 22:56*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*12/20/23 11:11*	*12/21/23 22:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/21/23 22:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.5**		50.2		mg/Kg			12/18/23 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		12/15/23 22:40	12/18/23 18:29	1
Diesel Range Organics (Over C10-C28)	**64.5**		50.2		mg/Kg		12/15/23 22:40	12/18/23 18:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-37027-11
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/23 22:40	12/18/23 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*12/15/23 22:40*	*12/18/23 18:29*	*1*
o-Terphenyl	*102*		*70 - 130*	*12/15/23 22:40*	*12/18/23 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9540**		101		mg/Kg			12/19/23 11:49	20

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-37027-12
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/20/23 11:11	12/21/23 23:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*12/20/23 11:11*	*12/21/23 23:16*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*12/20/23 11:11*	*12/21/23 23:16*	*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			12/21/23 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**102**		50.3		mg/Kg			12/18/23 18:51	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		12/15/23 22:40	12/18/23 18:51	1
Diesel Range Organics (Over C10-C28)	**102**		50.3		mg/Kg		12/15/23 22:40	12/18/23 18:51	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 22:40	12/18/23 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*12/15/23 22:40*	*12/18/23 18:51*	*1*
o-Terphenyl	*123*		*70 - 130*	*12/15/23 22:40*	*12/18/23 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5840**		49.8		mg/Kg			12/18/23 22:34	10

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (2.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/20/23 11:11*	*12/21/23 23:36*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*12/20/23 11:11*	*12/21/23 23:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/18/23 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	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 19:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 19:13	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*12/15/23 22:40*	*12/18/23 19:13*	*1*
o-Terphenyl	*113*		*70 - 130*	*12/15/23 22:40*	*12/18/23 19:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2500**		25.0		mg/Kg			12/18/23 22:39	5

Client Sample ID: T-3 (3.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 23:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 23:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 23:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/20/23 11:11	12/21/23 23:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 23:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/20/23 11:11	12/21/23 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*12/20/23 11:11*	*12/21/23 23:57*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*12/20/23 11:11*	*12/21/23 23:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (3.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/21/23 23:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/18/23 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	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 19:35	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 19:35	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*12/15/23 22:40*	*12/18/23 19:35*	*1*
o-Terphenyl	*107*		*70 - 130*	*12/15/23 22:40*	*12/18/23 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1510**		49.5		mg/Kg			12/18/23 22:53	10

Client Sample ID: T-3 (4.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/20/23 11:11	12/22/23 00:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/20/23 11:11	12/22/23 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/20/23 11:11*	*12/22/23 00:17*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*12/20/23 11:11*	*12/22/23 00:17*	*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			12/22/23 00:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/18/23 19:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 19:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 19:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (4.0')

Lab Sample ID: 880-37027-15
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*12/15/23 22:40*	*12/18/23 19:57*	*1*
o-Terphenyl	*126*		*70 - 130*	*12/15/23 22:40*	*12/18/23 19:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**931**		50.3		mg/Kg			12/18/23 22:58	10

Client Sample ID: T-3 (5.0')

Lab Sample ID: 880-37027-16
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/20/23 11:11	12/22/23 00:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/20/23 11:11	12/22/23 00:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:11	12/22/23 00:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/20/23 11:11	12/22/23 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/20/23 11:11*	*12/22/23 00:38*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*12/20/23 11:11*	*12/22/23 00:38*	*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			12/22/23 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**82.7**		49.9		mg/Kg			12/18/23 20:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 20:19	1
Diesel Range Organics (Over C10-C28)	**82.7**		49.9		mg/Kg		12/15/23 22:40	12/18/23 20:19	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*12/15/23 22:40*	*12/18/23 20:19*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/15/23 22:40*	*12/18/23 20:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**755**		25.3		mg/Kg			12/18/23 23:03	5

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (6.0')

Lab Sample ID: 880-37027-17
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/20/23 11:11	12/22/23 00:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 00:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 00:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/22/23 00:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 00:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/22/23 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/20/23 11:11*	*12/22/23 00:58*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*12/20/23 11:11*	*12/22/23 00:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/22/23 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/18/23 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/15/23 22:40	12/18/23 20:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/23 22:40	12/18/23 20:41	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/15/23 22:40	12/18/23 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*12/15/23 22:40*	*12/18/23 20:41*	*1*
o-Terphenyl	*104*		*70 - 130*	*12/15/23 22:40*	*12/18/23 20:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.9**		5.05		mg/Kg			12/18/23 23:08	1

Client Sample ID: T-4 (0-1.0')

Lab Sample ID: 880-37027-18
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/20/23 11:11	12/22/23 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/22/23 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/22/23 01:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/20/23 11:11	12/22/23 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/22/23 01:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/20/23 11:11	12/22/23 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*12/20/23 11:11*	*12/22/23 01:18*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*12/20/23 11:11*	*12/22/23 01:18*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (0-1.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/22/23 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/18/23 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/15/23 22:40	12/18/23 21:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/15/23 22:40	12/18/23 21:02	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 22:40	12/18/23 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*12/15/23 22:40*	*12/18/23 21:02*	*1*
o-Terphenyl	*120*		*70 - 130*	*12/15/23 22:40*	*12/18/23 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3700**		25.1		mg/Kg			12/18/23 23:13	5

Client Sample ID: T-4 (1.5')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 01:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 01:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 01:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/22/23 01:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/22/23 01:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/22/23 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/20/23 11:11*	*12/22/23 01:39*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*12/20/23 11:11*	*12/22/23 01:39*	*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			12/22/23 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/18/23 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		12/15/23 22:40	12/18/23 21:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/15/23 22:40	12/18/23 21:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-37027-19
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/23 22:40	12/18/23 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*12/15/23 22:40*	*12/18/23 21:24*	*1*
o-Terphenyl	*111*		*70 - 130*	*12/15/23 22:40*	*12/18/23 21:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**966**	**F1**	4.98		mg/Kg			12/18/23 23:17	1

Client Sample ID: T-4 (2.0')

Lab Sample ID: 880-37027-20
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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		12/20/23 11:11	12/22/23 01:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/22/23 01:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/22/23 01:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/20/23 11:11	12/22/23 01:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/20/23 11:11	12/22/23 01:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/20/23 11:11	12/22/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*12/20/23 11:11*	*12/22/23 01:59*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*12/20/23 11:11*	*12/22/23 01:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/22/23 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/18/23 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	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 21:46	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 21:46	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*12/15/23 22:40*	*12/18/23 21:46*	*1*
o-Terphenyl	*126*		*70 - 130*	*12/15/23 22:40*	*12/18/23 21:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1150**		25.1		mg/Kg			12/18/23 23:32	5

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (3.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-21
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		12/18/23 09:42	12/18/23 14:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:42	12/18/23 14:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:42	12/18/23 14:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:42	12/18/23 14:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:42	12/18/23 14:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:42	12/18/23 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*12/18/23 09:42*	*12/18/23 14:36*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*12/18/23 09:42*	*12/18/23 14:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/18/23 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/17/23 00:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/15/23 22:47	12/17/23 00:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/23 22:47	12/17/23 00:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 22:47	12/17/23 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*12/15/23 22:47*	*12/17/23 00:48*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*12/15/23 22:47*	*12/17/23 00:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		5.01		mg/Kg			12/18/23 23:37	1

Client Sample ID: T-4 (4.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-22
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:42	12/18/23 14:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:42	12/18/23 14:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:42	12/18/23 14:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 09:42	12/18/23 14:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:42	12/18/23 14:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 09:42	12/18/23 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*12/18/23 09:42*	*12/18/23 14:56*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*12/18/23 09:42*	*12/18/23 14:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (4.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-22

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/18/23 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	<50.2	U	50.2		mg/Kg			12/17/23 01:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:09	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:09	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*12/15/23 22:47*	*12/17/23 01:09*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*12/15/23 22:47*	*12/17/23 01:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.5**		4.97		mg/Kg			12/18/23 23:51	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy 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)										
880-37027-1	T-1 (0-1.0')	138 S1+	90										
880-37027-2	T-1 (1.5')	84	98										
880-37027-2 MS	T-1 (1.5')	99	103										
880-37027-2 MSD	T-1 (1.5')	91	99										
880-37027-3	T-1 (2.0')	99	107										
880-37027-4	T-1 (3.0')	98	105										
880-37027-5	T-1 (4.0')	100	105										
880-37027-6	T-2 (0-1.0')	107	115										
880-37027-7	T-2 (1.5')	100	104										
880-37027-8	T-2 (2.0')	101	109										
880-37027-9	T-2 (3.0')	111	111										
880-37027-10	T-2 (4.0')	105	105										
880-37027-11	T-3 (0-1.0')	93	108										
880-37027-12	T-3 (1.5')	97	103										
880-37027-13	T-3 (2.0')	102	105										
880-37027-14	T-3 (3.0')	92	103										
880-37027-15	T-3 (4.0')	103	105										
880-37027-16	T-3 (5.0')	99	114										
880-37027-17	T-3 (6.0')	100	109										
880-37027-18	T-4 (0-1.0')	99	108										
880-37027-19	T-4 (1.5')	104	112										
880-37027-20	T-4 (2.0')	110	108										
880-37027-21	T-4 (3.0')	77	90										
880-37027-22	T-4 (4.0')	82	81										
880-37031-A-1-F MS	Matrix Spike	106	94										
880-37031-A-1-G MSD	Matrix Spike Duplicate	619 S1+	408 S1+										
880-37053-A-5-B MS	Matrix Spike	103	98										
880-37053-A-5-C MSD	Matrix Spike Duplicate	106	99										
LCS 880-69289/1-A	Lab Control Sample	92	109										
LCS 880-69290/1-A	Lab Control Sample	90	102										
LCS 880-69454/1-A	Lab Control Sample	104	98										
LCSD 880-69289/2-A	Lab Control Sample Dup	105	109										
LCSD 880-69290/2-A	Lab Control Sample Dup	96	104										
LCSD 880-69454/2-A	Lab Control Sample Dup	95	101										
MB 880-69289/5-A	Method Blank	68 S1-	90										
MB 880-69290/5-A	Method Blank	121	123										
MB 880-69453/5-A	Method Blank	106	116										
MB 880-69454/5-A	Method Blank	109	121										

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)										
880-37027-1	T-1 (0-1.0')	100	102										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-37027-1
Project/Site: Hadar 10 Fed Com 4H
SDG: Eddy 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)								
880-37027-2	T-1 (1.5')	98	97								
880-37027-2 MS	T-1 (1.5')	99	99								
880-37027-2 MSD	T-1 (1.5')	109	99								
880-37027-3	T-1 (2.0')	109	110								
880-37027-4	T-1 (3.0')	123	122								
880-37027-5	T-1 (4.0')	109	113								
880-37027-6	T-2 (0-1.0')	117	120								
880-37027-7	T-2 (1.5')	115	114								
880-37027-8	T-2 (2.0')	124	128								
880-37027-9	T-2 (3.0')	107	111								
880-37027-10	T-2 (4.0')	110	110								
880-37027-11	T-3 (0-1.0')	100	102								
880-37027-12	T-3 (1.5')	122	123								
880-37027-13	T-3 (2.0')	113	113								
880-37027-14	T-3 (3.0')	105	107								
880-37027-15	T-3 (4.0')	124	126								
880-37027-16	T-3 (5.0')	112	111								
880-37027-17	T-3 (6.0')	105	104								
880-37027-18	T-4 (0-1.0')	118	120								
880-37027-19	T-4 (1.5')	109	111								
880-37027-20	T-4 (2.0')	122	126								
880-37027-21	T-4 (3.0')	143 S1+	153 S1+								
880-37027-22	T-4 (4.0')	126	133 S1+								
880-37028-A-61-C MS	Matrix Spike	58 S1-	50 S1-								
880-37028-A-61-D MSD	Matrix Spike Duplicate	106	100								
LCS 880-69257/2-A	Lab Control Sample	131 S1+	149 S1+								
LCS 880-69258/2-A	Lab Control Sample	102	114								
LCSD 880-69257/3-A	Lab Control Sample Dup	103	116								
LCSD 880-69258/3-A	Lab Control Sample Dup	100	118								
MB 880-69257/1-A	Method Blank	80	86								
MB 880-69258/1-A	Method Blank	102	115								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69289/5-A
Matrix: Solid
Analysis Batch: 69272

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:42	12/18/23 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:42	12/18/23 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:42	12/18/23 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 09:42	12/18/23 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:42	12/18/23 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 09:42	12/18/23 11:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*12/18/23 09:42*	*12/18/23 11:30*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*12/18/23 09:42*	*12/18/23 11:30*	*1*

Lab Sample ID: LCS 880-69289/1-A
Matrix: Solid
Analysis Batch: 69272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69289

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07460		mg/Kg		75	70 - 130		
Toluene			0.100	0.07474		mg/Kg		75	70 - 130		
Ethylbenzene			0.100	0.08062		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene			0.200	0.1642		mg/Kg		82	70 - 130		
o-Xylene			0.100	0.07803		mg/Kg		78	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-69289/2-A
Matrix: Solid
Analysis Batch: 69272

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69289

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08165		mg/Kg		82	70 - 130	9	35
Toluene			0.100	0.07561		mg/Kg		76	70 - 130	1	35
Ethylbenzene			0.100	0.08217		mg/Kg		82	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1664		mg/Kg		83	70 - 130	1	35
o-Xylene			0.100	0.07988		mg/Kg		80	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-37031-A-1-F MS
Matrix: Solid
Analysis Batch: 69272

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 69289

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U F1 F2	0.0998	0.07523		mg/Kg		75	70 - 130		
Toluene	<0.00202	U	0.0998	0.07619		mg/Kg		76	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-37031-A-1-F MS | **Client Sample ID: Matrix Spike**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 69272 | **Prep Batch: 69289**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U F1 F2	0.0998	0.08897		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1 F2	0.200	0.1811		mg/Kg		91	70 - 130
o-Xylene	<0.00202	U F1 F2	0.0998	0.08511		mg/Kg		85	70 - 130

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

Lab Sample ID: 880-37031-A-1-G MSD | **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 69272 | **Prep Batch: 69289**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1 F2	0.101	0.2203	F1 F2	mg/Kg		219	70 - 130	98	35
Toluene	<0.00202	U	0.101	0.08507		mg/Kg		84	70 - 130	11	35
Ethylbenzene	<0.00202	U F1 F2	0.101	0.1809	F1 F2	mg/Kg		179	70 - 130	68	35
m-Xylene & p-Xylene	<0.00403	U F1 F2	0.202	0.6505	F1 F2	mg/Kg		323	70 - 130	113	35
o-Xylene	<0.00202	U F1 F2	0.101	0.6911	E F1 F2	mg/Kg		686	70 - 130	156	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*619*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*408*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-69290/5-A | **Client Sample ID: Method Blank**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 69481 | **Prep Batch: 69290**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 04:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 04:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 04:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 09:46	12/21/23 04:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:46	12/21/23 04:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 09:46	12/21/23 04:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*12/18/23 09:46*	*12/21/23 04:40*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*12/18/23 09:46*	*12/21/23 04:40*	*1*

Lab Sample ID: LCS 880-69290/1-A | **Client Sample ID: Lab Control Sample**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 69481 | **Prep Batch: 69290**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07913		mg/Kg		79	70 - 130
Toluene	0.100	0.07816		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.07162		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	0.200	0.1396		mg/Kg		70	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-69290/1-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69290

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.07773		mg/Kg		78	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-69290/2-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69290

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08753		mg/Kg		88	70 - 130	10	35
Toluene			0.100	0.08061		mg/Kg		81	70 - 130	3	35
Ethylbenzene			0.100	0.08279		mg/Kg		83	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.1524		mg/Kg		76	70 - 130	9	35
o-Xylene			0.100	0.08477		mg/Kg		85	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-37027-2 MS
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: T-1 (1.5')
Prep Type: Total/NA
Prep Batch: 69290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.07267		mg/Kg		73	70 - 130		
Toluene	<0.00200	U F1	0.0996	0.06639	F1	mg/Kg		67	70 - 130		
Ethylbenzene	<0.00200	U F1	0.0996	0.04839	F1	mg/Kg		49	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1409		mg/Kg		71	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.08004		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-37027-2 MSD
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: T-1 (1.5')
Prep Type: Total/NA
Prep Batch: 69290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.07258		mg/Kg		73	70 - 130	0	35
Toluene	<0.00200	U F1	0.0990	0.06590	F1	mg/Kg		67	70 - 130	1	35
Ethylbenzene	<0.00200	U F1	0.0990	0.04878	F1	mg/Kg		49	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U F1	0.198	0.1267	F1	mg/Kg		64	70 - 130	11	35
o-Xylene	<0.00200	U	0.0990	0.07134		mg/Kg		72	70 - 130	11	35

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-37027-2 MSD
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: T-1 (1.5')
Prep Type: Total/NA
Prep Batch: 69290

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-69453/5-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/23 11:05	12/20/23 17:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/23 11:05	12/20/23 17:06	1
1,4-Difluorobenzene (Surr)	116		70 - 130	12/20/23 11:05	12/20/23 17:06	1

Lab Sample ID: MB 880-69454/5-A
Matrix: Solid
Analysis Batch: 69587

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 17:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/20/23 11:11	12/21/23 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:11	12/21/23 17:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/23 11:11	12/21/23 17:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/20/23 11:11	12/21/23 17:19	1
1,4-Difluorobenzene (Surr)	121		70 - 130	12/20/23 11:11	12/21/23 17:19	1

Lab Sample ID: LCS 880-69454/1-A
Matrix: Solid
Analysis Batch: 69587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69454

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08249		mg/Kg		82	70 - 130
Toluene	0.100	0.08531		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.07553		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1515		mg/Kg		76	70 - 130
o-Xylene	0.100	0.09421		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-69454/1-A
Matrix: Solid
Analysis Batch: 69587

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69454

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

Lab Sample ID: LCSD 880-69454/2-A
Matrix: Solid
Analysis Batch: 69587

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69454

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08494		mg/Kg		85	70 - 130	3	35
Toluene			0.100	0.08285		mg/Kg		83	70 - 130	3	35
Ethylbenzene			0.100	0.08367		mg/Kg		84	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.1592		mg/Kg		80	70 - 130	5	35
o-Xylene			0.100	0.08774		mg/Kg		88	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-37053-A-5-B MS
Matrix: Solid
Analysis Batch: 69587

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 69454

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0990	0.07973		mg/Kg		81	70 - 130		
Toluene	<0.00200	U	0.0990	0.07931		mg/Kg		80	70 - 130		
Ethylbenzene	<0.00200	U	0.0990	0.06968		mg/Kg		70	70 - 130		
m-Xylene & p-Xylene	<0.00400	U	0.198	0.1471		mg/Kg		74	70 - 130		
o-Xylene	<0.00200	U	0.0990	0.08367		mg/Kg		85	70 - 130		

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

Lab Sample ID: 880-37053-A-5-C MSD
Matrix: Solid
Analysis Batch: 69587

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 69454

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.08137		mg/Kg		82	70 - 130	2	35
Toluene	<0.00200	U	0.0998	0.07645		mg/Kg		77	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0998	0.07618		mg/Kg		76	70 - 130	9	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1561		mg/Kg		78	70 - 130	6	35
o-Xylene	<0.00200	U	0.0998	0.08791		mg/Kg		88	70 - 130	5	35

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

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-69257/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69264 — **Prep Batch: 69257**

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		12/15/23 22:40	12/18/23 12:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 12:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*12/15/23 22:40*	*12/18/23 12:34*	*1*
o-Terphenyl	*86*		*70 - 130*	*12/15/23 22:40*	*12/18/23 12:34*	*1*

Lab Sample ID: LCS 880-69257/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69264 — **Prep Batch: 69257**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	903.0		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1003		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*131*	*S1+*	*70 - 130*
o-Terphenyl	*149*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-69257/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69264 — **Prep Batch: 69257**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	959.8		mg/Kg		96	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	957.4		mg/Kg		96	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

Lab Sample ID: 880-37027-2 MS — **Client Sample ID: T-1 (1.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 69264 — **Prep Batch: 69257**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	115	F1	1000	771.9	F1	mg/Kg		66	70 - 130
Diesel Range Organics (Over C10-C28)	893	F1	1000	880.2	F1	mg/Kg		-1	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-37027-2 MS
Matrix: Solid
Analysis Batch: 69264

Client Sample ID: T-1 (1.5')
Prep Type: Total/NA
Prep Batch: 69257

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: 880-37027-2 MSD
Matrix: Solid
Analysis Batch: 69264

Client Sample ID: T-1 (1.5')
Prep Type: Total/NA
Prep Batch: 69257

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	115	F1	1000	843.4		mg/Kg		73	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	893	F1	1000	940.7	F1	mg/Kg		5	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: MB 880-69258/1-A
Matrix: Solid
Analysis Batch: 69261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69258

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		12/15/23 22:46	12/16/23 20:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/15/23 22:46	12/16/23 20:02	1
o-Terphenyl	115		70 - 130	12/15/23 22:46	12/16/23 20:02	1

Lab Sample ID: LCS 880-69258/2-A
Matrix: Solid
Analysis Batch: 69261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1037		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	963.2		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	114		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-69258/3-A
Matrix: Solid
Analysis Batch: 69261

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69258

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	993.8		mg/Kg		99	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	874.0		mg/Kg		87	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: 880-37028-A-61-C MS
Matrix: Solid
Analysis Batch: 69261

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 69258

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 F1 F2	1010	435.7	F1	mg/Kg		42	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	1010	444.4	F1	mg/Kg		40	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*58*	*S1-*	*70 - 130*
o-Terphenyl	*50*	*S1-*	*70 - 130*

Lab Sample ID: 880-37028-A-61-D MSD
Matrix: Solid
Analysis Batch: 69261

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 69258

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 F1 F2	1010	862.0	F2	mg/Kg		84	70 - 130	66	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	1010	885.6	F2	mg/Kg		84	70 - 130	66	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69239/1-A
Matrix: Solid
Analysis Batch: 69309

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			12/18/23 16:16	1

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-69239/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69309

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	262.4		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-69239/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69309

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	257.2		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-37026-A-9-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69309

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7.20		251	258.2		mg/Kg		100	90 - 110		

Lab Sample ID: 880-37026-A-9-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69309

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.20		251	252.9		mg/Kg		98	90 - 110	2	20

Lab Sample ID: MB 880-69276/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69318

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/18/23 21:55	1

Lab Sample ID: LCS 880-69276/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69318

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	267.4		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-69276/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69318

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	260.6		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-37027-9 MS — **Client Sample ID: T-2 (3.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 69318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	147		249	400.0		mg/Kg		102	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-37027-9 MSD
Matrix: Solid
Analysis Batch: 69318

Client Sample ID: T-2 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	147		249	393.2		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 880-37027-19 MS
Matrix: Solid
Analysis Batch: 69318

Client Sample ID: T-4 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	966	F1	249	1182	F1	mg/Kg		87	90 - 110

Lab Sample ID: 880-37027-19 MSD
Matrix: Solid
Analysis Batch: 69318

Client Sample ID: T-4 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	966	F1	249	1173	F1	mg/Kg		83	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 69272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-21	T-4 (3.0')	Total/NA	Solid	8021B	69289
880-37027-22	T-4 (4.0')	Total/NA	Solid	8021B	69289
MB 880-69289/5-A	Method Blank	Total/NA	Solid	8021B	69289
LCS 880-69289/1-A	Lab Control Sample	Total/NA	Solid	8021B	69289
LCSD 880-69289/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69289
880-37031-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	69289
880-37031-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	69289

Prep Batch: 69289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-21	T-4 (3.0')	Total/NA	Solid	5035	
880-37027-22	T-4 (4.0')	Total/NA	Solid	5035	
MB 880-69289/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69289/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69289/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37031-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-37031-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 69290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Total/NA	Solid	5035	
880-37027-2	T-1 (1.5')	Total/NA	Solid	5035	
880-37027-3	T-1 (2.0')	Total/NA	Solid	5035	
880-37027-4	T-1 (3.0')	Total/NA	Solid	5035	
880-37027-5	T-1 (4.0')	Total/NA	Solid	5035	
880-37027-6	T-2 (0-1.0')	Total/NA	Solid	5035	
880-37027-7	T-2 (1.5')	Total/NA	Solid	5035	
880-37027-8	T-2 (2.0')	Total/NA	Solid	5035	
880-37027-9	T-2 (3.0')	Total/NA	Solid	5035	
880-37027-10	T-2 (4.0')	Total/NA	Solid	5035	
MB 880-69290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37027-2 MS	T-1 (1.5')	Total/NA	Solid	5035	
880-37027-2 MSD	T-1 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 69378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37027-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-37027-3	T-1 (2.0')	Total/NA	Solid	Total BTEX	
880-37027-4	T-1 (3.0')	Total/NA	Solid	Total BTEX	
880-37027-5	T-1 (4.0')	Total/NA	Solid	Total BTEX	
880-37027-6	T-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37027-7	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-37027-8	T-2 (2.0')	Total/NA	Solid	Total BTEX	
880-37027-9	T-2 (3.0')	Total/NA	Solid	Total BTEX	
880-37027-10	T-2 (4.0')	Total/NA	Solid	Total BTEX	
880-37027-11	T-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37027-12	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-37027-13	T-3 (2.0')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 69378 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-14	T-3 (3.0')	Total/NA	Solid	Total BTEX	
880-37027-15	T-3 (4.0')	Total/NA	Solid	Total BTEX	
880-37027-16	T-3 (5.0')	Total/NA	Solid	Total BTEX	
880-37027-17	T-3 (6.0')	Total/NA	Solid	Total BTEX	
880-37027-18	T-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37027-19	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-37027-20	T-4 (2.0')	Total/NA	Solid	Total BTEX	
880-37027-21	T-4 (3.0')	Total/NA	Solid	Total BTEX	
880-37027-22	T-4 (4.0')	Total/NA	Solid	Total BTEX	

Prep Batch: 69453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-69453/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 69454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-11	T-3 (0-1.0')	Total/NA	Solid	5035	
880-37027-12	T-3 (1.5')	Total/NA	Solid	5035	
880-37027-13	T-3 (2.0')	Total/NA	Solid	5035	
880-37027-14	T-3 (3.0')	Total/NA	Solid	5035	
880-37027-15	T-3 (4.0')	Total/NA	Solid	5035	
880-37027-16	T-3 (5.0')	Total/NA	Solid	5035	
880-37027-17	T-3 (6.0')	Total/NA	Solid	5035	
880-37027-18	T-4 (0-1.0')	Total/NA	Solid	5035	
880-37027-19	T-4 (1.5')	Total/NA	Solid	5035	
880-37027-20	T-4 (2.0')	Total/NA	Solid	5035	
MB 880-69454/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69454/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69454/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37053-A-5-B MS	Matrix Spike	Total/NA	Solid	5035	
880-37053-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 69481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Total/NA	Solid	8021B	69290
880-37027-2	T-1 (1.5')	Total/NA	Solid	8021B	69290
880-37027-3	T-1 (2.0')	Total/NA	Solid	8021B	69290
880-37027-4	T-1 (3.0')	Total/NA	Solid	8021B	69290
880-37027-5	T-1 (4.0')	Total/NA	Solid	8021B	69290
880-37027-6	T-2 (0-1.0')	Total/NA	Solid	8021B	69290
880-37027-7	T-2 (1.5')	Total/NA	Solid	8021B	69290
880-37027-8	T-2 (2.0')	Total/NA	Solid	8021B	69290
880-37027-9	T-2 (3.0')	Total/NA	Solid	8021B	69290
880-37027-10	T-2 (4.0')	Total/NA	Solid	8021B	69290
MB 880-69290/5-A	Method Blank	Total/NA	Solid	8021B	69290
MB 880-69453/5-A	Method Blank	Total/NA	Solid	8021B	69453
LCS 880-69290/1-A	Lab Control Sample	Total/NA	Solid	8021B	69290
LCSD 880-69290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69290
880-37027-2 MS	T-1 (1.5')	Total/NA	Solid	8021B	69290
880-37027-2 MSD	T-1 (1.5')	Total/NA	Solid	8021B	69290

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 69587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-11	T-3 (0-1.0')	Total/NA	Solid	8021B	69454
880-37027-12	T-3 (1.5')	Total/NA	Solid	8021B	69454
880-37027-13	T-3 (2.0')	Total/NA	Solid	8021B	69454
880-37027-14	T-3 (3.0')	Total/NA	Solid	8021B	69454
880-37027-15	T-3 (4.0')	Total/NA	Solid	8021B	69454
880-37027-16	T-3 (5.0')	Total/NA	Solid	8021B	69454
880-37027-17	T-3 (6.0')	Total/NA	Solid	8021B	69454
880-37027-18	T-4 (0-1.0')	Total/NA	Solid	8021B	69454
880-37027-19	T-4 (1.5')	Total/NA	Solid	8021B	69454
880-37027-20	T-4 (2.0')	Total/NA	Solid	8021B	69454
MB 880-69454/5-A	Method Blank	Total/NA	Solid	8021B	69454
LCS 880-69454/1-A	Lab Control Sample	Total/NA	Solid	8021B	69454
LCSD 880-69454/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69454
880-37053-A-5-B MS	Matrix Spike	Total/NA	Solid	8021B	69454
880-37053-A-5-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	69454

GC Semi VOA

Prep Batch: 69257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37027-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-37027-3	T-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-37027-4	T-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-37027-5	T-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-37027-6	T-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37027-7	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-37027-8	T-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-37027-9	T-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-37027-10	T-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-37027-11	T-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37027-12	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-37027-13	T-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-37027-14	T-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-37027-15	T-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-37027-16	T-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-37027-17	T-3 (6.0')	Total/NA	Solid	8015NM Prep	
880-37027-18	T-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37027-19	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-37027-20	T-4 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-69257/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69257/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69257/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37027-2 MS	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-37027-2 MSD	T-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 69258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-21	T-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-37027-22	T-4 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-69258/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 69258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-69258/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37028-A-61-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-37028-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-21	T-4 (3.0')	Total/NA	Solid	8015B NM	69258
880-37027-22	T-4 (4.0')	Total/NA	Solid	8015B NM	69258
MB 880-69258/1-A	Method Blank	Total/NA	Solid	8015B NM	69258
LCS 880-69258/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69258
LCSD 880-69258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69258
880-37028-A-61-C MS	Matrix Spike	Total/NA	Solid	8015B NM	69258
880-37028-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	69258

Analysis Batch: 69264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Total/NA	Solid	8015B NM	69257
880-37027-2	T-1 (1.5')	Total/NA	Solid	8015B NM	69257
880-37027-3	T-1 (2.0')	Total/NA	Solid	8015B NM	69257
880-37027-4	T-1 (3.0')	Total/NA	Solid	8015B NM	69257
880-37027-5	T-1 (4.0')	Total/NA	Solid	8015B NM	69257
880-37027-6	T-2 (0-1.0')	Total/NA	Solid	8015B NM	69257
880-37027-7	T-2 (1.5')	Total/NA	Solid	8015B NM	69257
880-37027-8	T-2 (2.0')	Total/NA	Solid	8015B NM	69257
880-37027-9	T-2 (3.0')	Total/NA	Solid	8015B NM	69257
880-37027-10	T-2 (4.0')	Total/NA	Solid	8015B NM	69257
880-37027-11	T-3 (0-1.0')	Total/NA	Solid	8015B NM	69257
880-37027-12	T-3 (1.5')	Total/NA	Solid	8015B NM	69257
880-37027-13	T-3 (2.0')	Total/NA	Solid	8015B NM	69257
880-37027-14	T-3 (3.0')	Total/NA	Solid	8015B NM	69257
880-37027-15	T-3 (4.0')	Total/NA	Solid	8015B NM	69257
880-37027-16	T-3 (5.0')	Total/NA	Solid	8015B NM	69257
880-37027-17	T-3 (6.0')	Total/NA	Solid	8015B NM	69257
880-37027-18	T-4 (0-1.0')	Total/NA	Solid	8015B NM	69257
880-37027-19	T-4 (1.5')	Total/NA	Solid	8015B NM	69257
880-37027-20	T-4 (2.0')	Total/NA	Solid	8015B NM	69257
MB 880-69257/1-A	Method Blank	Total/NA	Solid	8015B NM	69257
LCS 880-69257/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69257
LCSD 880-69257/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69257
880-37027-2 MS	T-1 (1.5')	Total/NA	Solid	8015B NM	69257
880-37027-2 MSD	T-1 (1.5')	Total/NA	Solid	8015B NM	69257

Analysis Batch: 69323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-37027-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-37027-3	T-1 (2.0')	Total/NA	Solid	8015 NM	
880-37027-4	T-1 (3.0')	Total/NA	Solid	8015 NM	
880-37027-5	T-1 (4.0')	Total/NA	Solid	8015 NM	
880-37027-6	T-2 (0-1.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 69323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-7	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-37027-8	T-2 (2.0')	Total/NA	Solid	8015 NM	
880-37027-9	T-2 (3.0')	Total/NA	Solid	8015 NM	
880-37027-10	T-2 (4.0')	Total/NA	Solid	8015 NM	
880-37027-11	T-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-37027-12	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-37027-13	T-3 (2.0')	Total/NA	Solid	8015 NM	
880-37027-14	T-3 (3.0')	Total/NA	Solid	8015 NM	
880-37027-15	T-3 (4.0')	Total/NA	Solid	8015 NM	
880-37027-16	T-3 (5.0')	Total/NA	Solid	8015 NM	
880-37027-17	T-3 (6.0')	Total/NA	Solid	8015 NM	
880-37027-18	T-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-37027-19	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-37027-20	T-4 (2.0')	Total/NA	Solid	8015 NM	
880-37027-21	T-4 (3.0')	Total/NA	Solid	8015 NM	
880-37027-22	T-4 (4.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 69239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Soluble	Solid	DI Leach	
880-37027-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-37027-3	T-1 (2.0')	Soluble	Solid	DI Leach	
880-37027-4	T-1 (3.0')	Soluble	Solid	DI Leach	
880-37027-5	T-1 (4.0')	Soluble	Solid	DI Leach	
880-37027-6	T-2 (0-1.0')	Soluble	Solid	DI Leach	
880-37027-7	T-2 (1.5')	Soluble	Solid	DI Leach	
880-37027-8	T-2 (2.0')	Soluble	Solid	DI Leach	
MB 880-69239/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69239/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69239/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37026-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-37026-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 69276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-9	T-2 (3.0')	Soluble	Solid	DI Leach	
880-37027-10	T-2 (4.0')	Soluble	Solid	DI Leach	
880-37027-11	T-3 (0-1.0')	Soluble	Solid	DI Leach	
880-37027-12	T-3 (1.5')	Soluble	Solid	DI Leach	
880-37027-13	T-3 (2.0')	Soluble	Solid	DI Leach	
880-37027-14	T-3 (3.0')	Soluble	Solid	DI Leach	
880-37027-15	T-3 (4.0')	Soluble	Solid	DI Leach	
880-37027-16	T-3 (5.0')	Soluble	Solid	DI Leach	
880-37027-17	T-3 (6.0')	Soluble	Solid	DI Leach	
880-37027-18	T-4 (0-1.0')	Soluble	Solid	DI Leach	
880-37027-19	T-4 (1.5')	Soluble	Solid	DI Leach	
880-37027-20	T-4 (2.0')	Soluble	Solid	DI Leach	
880-37027-21	T-4 (3.0')	Soluble	Solid	DI Leach	
880-37027-22	T-4 (4.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 69276 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-69276/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69276/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69276/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37027-9 MS	T-2 (3.0')	Soluble	Solid	DI Leach	
880-37027-9 MSD	T-2 (3.0')	Soluble	Solid	DI Leach	
880-37027-19 MS	T-4 (1.5')	Soluble	Solid	DI Leach	
880-37027-19 MSD	T-4 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 69309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-1	T-1 (0-1.0')	Soluble	Solid	300.0	69239
880-37027-2	T-1 (1.5')	Soluble	Solid	300.0	69239
880-37027-3	T-1 (2.0')	Soluble	Solid	300.0	69239
880-37027-4	T-1 (3.0')	Soluble	Solid	300.0	69239
880-37027-5	T-1 (4.0')	Soluble	Solid	300.0	69239
880-37027-6	T-2 (0-1.0')	Soluble	Solid	300.0	69239
880-37027-7	T-2 (1.5')	Soluble	Solid	300.0	69239
880-37027-8	T-2 (2.0')	Soluble	Solid	300.0	69239
MB 880-69239/1-A	Method Blank	Soluble	Solid	300.0	69239
LCS 880-69239/2-A	Lab Control Sample	Soluble	Solid	300.0	69239
LCSD 880-69239/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69239
880-37026-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	69239
880-37026-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	69239

Analysis Batch: 69318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37027-9	T-2 (3.0')	Soluble	Solid	300.0	69276
880-37027-10	T-2 (4.0')	Soluble	Solid	300.0	69276
880-37027-11	T-3 (0-1.0')	Soluble	Solid	300.0	69276
880-37027-12	T-3 (1.5')	Soluble	Solid	300.0	69276
880-37027-13	T-3 (2.0')	Soluble	Solid	300.0	69276
880-37027-14	T-3 (3.0')	Soluble	Solid	300.0	69276
880-37027-15	T-3 (4.0')	Soluble	Solid	300.0	69276
880-37027-16	T-3 (5.0')	Soluble	Solid	300.0	69276
880-37027-17	T-3 (6.0')	Soluble	Solid	300.0	69276
880-37027-18	T-4 (0-1.0')	Soluble	Solid	300.0	69276
880-37027-19	T-4 (1.5')	Soluble	Solid	300.0	69276
880-37027-20	T-4 (2.0')	Soluble	Solid	300.0	69276
880-37027-21	T-4 (3.0')	Soluble	Solid	300.0	69276
880-37027-22	T-4 (4.0')	Soluble	Solid	300.0	69276
MB 880-69276/1-A	Method Blank	Soluble	Solid	300.0	69276
LCS 880-69276/2-A	Lab Control Sample	Soluble	Solid	300.0	69276
LCSD 880-69276/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69276
880-37027-9 MS	T-2 (3.0')	Soluble	Solid	300.0	69276
880-37027-9 MSD	T-2 (3.0')	Soluble	Solid	300.0	69276
880-37027-19 MS	T-4 (1.5')	Soluble	Solid	300.0	69276
880-37027-19 MSD	T-4 (1.5')	Soluble	Solid	300.0	69276

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (0-1.0')

Lab Sample ID: 880-37027-1
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	69481	12/21/23 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 08:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 13:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 13:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		20			69309	12/18/23 17:57	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-37027-2
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 05:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 14:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 14:48	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		5			69309	12/18/23 18:12	CH	EET MID

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-37027-3
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 05:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 15:10	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		5			69309	12/18/23 18:17	CH	EET MID

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-37027-4
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 05:50	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-37027-4
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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			69323	12/18/23 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 15:32	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 18:22	CH	EET MID

Client Sample ID: T-1 (4.0')

Lab Sample ID: 880-37027-5
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 06:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 15:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 15:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 18:27	CH	EET MID

Client Sample ID: T-2 (0-1.0')

Lab Sample ID: 880-37027-6
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 06:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 16:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 16:14	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 18:31	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-37027-7
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 06:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 06:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 16:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 16:37	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-37027-7

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

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	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 18:36	CH	EET MID

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-37027-8

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 07:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 16:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 16:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 18:41	CH	EET MID

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-37027-9

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 07:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 17:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 22:09	CH	EET MID

Client Sample ID: T-2 (4.0')

Lab Sample ID: 880-37027-10

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

Prep 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	69290	12/18/23 09:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 07:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 17:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 17:45	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 22:24	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-37027-11

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/21/23 22:56	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 22:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 18:29	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 18:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		20			69318	12/19/23 11:49	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-37027-12

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/21/23 23:16	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 23:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 18:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 18:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		10			69318	12/18/23 22:34	CH	EET MID

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-37027-13

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/21/23 23:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 23:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 19:13	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 19:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		5			69318	12/18/23 22:39	CH	EET MID

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-37027-14

Date Collected: 12/14/23 00:00
Matrix: Solid
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/21/23 23:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/21/23 23:57	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-37027-14
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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			69323	12/18/23 19:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 19:35	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		10			69318	12/18/23 22:53	CH	EET MID

Client Sample ID: T-3 (4.0')

Lab Sample ID: 880-37027-15
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/22/23 00:17	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/22/23 00:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 19:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 19:57	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		10			69318	12/18/23 22:58	CH	EET MID

Client Sample ID: T-3 (5.0')

Lab Sample ID: 880-37027-16
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/22/23 00:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/22/23 00:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 20:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 20:19	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		5			69318	12/18/23 23:03	CH	EET MID

Client Sample ID: T-3 (6.0')

Lab Sample ID: 880-37027-17
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/22/23 00:58	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/22/23 00:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 20:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 20:41	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (6.0')

Lab Sample ID: 880-37027-17
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 23:08	CH	EET MID

Client Sample ID: T-4 (0-1.0')

Lab Sample ID: 880-37027-18
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/22/23 01:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/22/23 01:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 21:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 21:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		5			69318	12/18/23 23:13	CH	EET MID

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-37027-19
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/22/23 01:39	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/22/23 01:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 21:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 21:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 23:17	CH	EET MID

Client Sample ID: T-4 (2.0')

Lab Sample ID: 880-37027-20
Matrix: Solid
Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Prep 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	69454	12/20/23 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69587	12/22/23 01:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/22/23 01:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/18/23 21:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69257	12/15/23 22:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 21:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		5			69318	12/18/23 23:32	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (3.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-21
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	69289	12/18/23 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69272	12/18/23 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/18/23 14:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/17/23 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 00:48	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 23:37	CH	EET MID

Client Sample ID: T-4 (4.0')

Date Collected: 12/14/23 00:00
Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-22
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			5.05 g	5 mL	69289	12/18/23 09:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69272	12/18/23 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69378	12/18/23 14:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			69323	12/17/23 01:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 01:09	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 23:51	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: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

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: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-37027-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37027-1	T-1 (0-1.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-2	T-1 (1.5')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-3	T-1 (2.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-4	T-1 (3.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-5	T-1 (4.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-6	T-2 (0-1.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-7	T-2 (1.5')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-8	T-2 (2.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-9	T-2 (3.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-10	T-2 (4.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-11	T-3 (0-1.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-12	T-3 (1.5')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-13	T-3 (2.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-14	T-3 (3.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-15	T-3 (4.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-16	T-3 (5.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-17	T-3 (6.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-18	T-4 (0-1.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-19	T-4 (1.5')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-20	T-4 (2.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-21	T-4 (3.0')	Solid	12/14/23 00:00	12/15/23 14:08
880-37027-22	T-4 (4.0')	Solid	12/14/23 00:00	12/15/23 14:08

880-37027 Chain of Custody

Project Manager	Conner Moehring	Bill to (if different)	Dale Woodall
Company Name	Carmona Resources	Company Name	Devon Energy
Address	310 W Wall St Ste 500	Address	205 E Bender Rd #150
City, State ZIP	Midland, TX 79701	City, State ZIP	Hobbs, New Mexico
Phone	432-813-6823	Email	Dale.Woodall@dev.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Hadar 10 Fed Com 4H	Turn Around	
Project Number	2175	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date	
Sampler's Name	JR		
Work Order	21247412		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice	Yes No
Received Intact:	Yes No	Thermometer ID	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor	+.2
Sample Custody Seals	Yes No N/A	Temperature Reading	-7.7
Total Containers		Corrected Temperature	-7.5

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2SO_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-1 (0-1.0')	12/14/2023		X		G	1		X	X	X	
T-1 (1 5')	12/14/2023		X		G	1		X	X	X	
T-1 (2.0')	12/14/2023		X		G	1		X	X	X	
T-1 (3.0')	12/14/2023		X		G	1		X	X	X	
T-1 (4.0')	12/14/2023		X		G	1		X	X	X	
T-2 (0-1.0')	12/14/2023		X		G	1		X	X	X	
T-2 (1.5')	12/14/2023		X		G	1		X	X	X	
T-2 (2.0')	12/14/2023		X		G	1		X	X	X	
T-2 (3.0')	12/14/2023		X		G	1		X	X	X	
T-2 (4.0')	12/14/2023		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
	12/15/23 1408		

Work Order No: 7027

Project Manager	Conner Moehring	Bill to (if different)	Dale Woodall
Company Name	Carmona Resources	Company Name	Devon Energy
Address	310 W Wall St Ste 500	Address.	205 E Bender Rd #150
City, State ZIP	Midland, TX 79701	City, State ZIP	Hobbs, New Mexico
Phone	432-813-6823	Email	Dale Woodall@dev.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Hadar 10 Fed Com 4H	Turn Around	
Project Number	2175	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date	
Sampler's Name	JR		
Work Order	21247412		

SAMPLE RECEIPT				
Temp Blank.	Yes No	Wet Ice	Yes No	
Received Intact:	Yes No	Thermometer ID		
Cooler Custody Seals.	Yes No N/A	Correction Factor		
Sample Custody Seals	Yes No N/A	Temperature Reading		
Total Containers		Corrected Temperature		

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-3 (0-1.0')	12/14/2023		X		G	1		X	X	X	
T-3 (1.5')	12/14/2023		X		G	1		X	X	X	
T-3 (2 0')	12/14/2023		X		G	1		X	X	X	
T-3 (3 0')	12/14/2023		X		G	1		X	X	X	
T-3 (4.0')	12/14/2023		X		G	1		X	X	X	
T-3 (5 0')	12/14/2023		X		G	1		X	X	X	
T-3 (6.0')	12/14/2023		X		G	1		X	X	X	
T-4 (0-1 0')	12/14/2023		X		G	1		X	X	X	
T-4 (1.5')	12/14/2023		X		G	1		X	X	X	
T-4 (2 0')	12/14/2023		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
	12/15/23 1408		

Work Order No: ___ Loc: 880 37027

Page 3

Project Manager	Conner Moehring	Bill to (if different)	Dale Woodall
Company Name	Carmona Resources	Company Name	Devon Energy
Address	310 W Wall St Ste 500	Address	205 E Bender Rd #150
City, State ZIP	Midland, TX 79701	City, State ZIP	Hobbs, New Mexico
Phone	432-813-6823	Email	Dale.Woodall@dev com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Hadar 10 Fed Com 4H	Turn Around	
Project Number	2175	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date	
Sampler's Name	JR		
Work Order	21247412		

SAMPLE RECEIPT				
Temp Blank	Yes No	Wet Ice	Yes No	
Received Intact:	Yes No	Thermometer ID		
Cooler Custody Seals.	Yes No N/A	Correction Factor		
Sample Custody Seals	Yes No N/A	Temperature Reading		
Total Containers		Corrected Temperature		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
T-4 (3.0')	12/14/2023		X		G	1		X	X	X
T-4 (4.0')	12/14/2023		X		G	1		X	X	X

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/15/23 1408		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-37027-1
SDG Number: Eddy County, New Mexico

Login Number: 37027
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/16/2023 11:01:24 AM

JOB DESCRIPTION

Hadar 10 Fed Com 4H
Eddy County, New Mexico

JOB NUMBER

880-35635-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

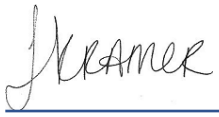
Eurofins Midland

Job Notes

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

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

Authorization



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11/16/2023 11:01:24 AM

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

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Laboratory Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Job ID: 880-35635-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-35635-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample 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 11/10/2023 1:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-35635-1), H-2 (0-0.5') (880-35635-2), H-3 (0-0.5') (880-35635-3) and H-4 (0-0.5') (880-35635-4).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-66874 and analytical batch 880-66807 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-66874 and analytical batch 880-66807 recovered outside control limits for the following analytes: m-Xylene & p-Xylene. Since only an acceptable LCS is required per the method, the data have been qualified and reported.

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

GC Semi VOA
Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-66717 and analytical batch 880-66782 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-4 (0-0.5') (880-35635-4) and (880-35638-A-1-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-66780 and analytical batch 880-67014 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-66780 and analytical batch 880-67014 was outside control limits. Sample non-homogeneity is suspected.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-66922 and analytical batch 880-67101 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference

Case Narrative

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Job ID: 880-35635-1 (Continued)

Laboratory: Eurofins Midland (Continued)

and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: H-1 (0-0.5') (880-35635-1), H-2 (0-0.5') (880-35635-2), H-3 (0-0.5') (880-35635-3), H-4 (0-0.5') (880-35635-4), (880-35635-A-1-D MS) and (880-35635-A-1-E MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35635-1
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		11/13/23 14:41	11/14/23 03:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/13/23 14:41	11/14/23 03:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/13/23 14:41	11/14/23 03:07	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		11/13/23 14:41	11/14/23 03:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/13/23 14:41	11/14/23 03:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/13/23 14:41	11/14/23 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*11/13/23 14:41*	*11/14/23 03:07*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/13/23 14:41*	*11/14/23 03:07*	*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			11/14/23 03:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			11/12/23 23:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		11/10/23 15:01	11/12/23 23:26	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		11/10/23 15:01	11/12/23 23:26	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		11/10/23 15:01	11/12/23 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*11/10/23 15:01*	*11/12/23 23:26*	*1*
o-Terphenyl	*85*		*70 - 130*	*11/10/23 15:01*	*11/12/23 23:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**	**F1**	5.02		mg/Kg			11/15/23 20:12	1

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

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35635-2
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		11/13/23 14:41	11/14/23 03:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/13/23 14:41	11/14/23 03:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/13/23 14:41	11/14/23 03:27	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		11/13/23 14:41	11/14/23 03:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/13/23 14:41	11/14/23 03:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/13/23 14:41	11/14/23 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*11/13/23 14:41*	*11/14/23 03:27*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*11/13/23 14:41*	*11/14/23 03:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35635-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/14/23 03:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**100**		49.6		mg/Kg			11/12/23 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/10/23 15:01	11/12/23 23:51	1
Diesel Range Organics (Over C10-C28)	**100**		49.6		mg/Kg		11/10/23 15:01	11/12/23 23:51	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/10/23 15:01	11/12/23 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*11/10/23 15:01*	*11/12/23 23:51*	*1*
o-Terphenyl	*81*		*70 - 130*	*11/10/23 15:01*	*11/12/23 23:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		5.03		mg/Kg			11/15/23 20:29	1

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

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35635-3
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		11/13/23 14:41	11/14/23 06:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 06:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 06:55	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		11/13/23 14:41	11/14/23 06:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 06:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/13/23 14:41	11/14/23 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*11/13/23 14:41*	*11/14/23 06:55*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/13/23 14:41*	*11/14/23 06:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/14/23 06:55	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			11/15/23 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *1	50.5		mg/Kg		11/11/23 21:08	11/15/23 20:25	1
Diesel Range Organics (Over C10-C28)	<50.5	U *1	50.5		mg/Kg		11/11/23 21:08	11/15/23 20:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35635-3
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/11/23 21:08	11/15/23 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*11/11/23 21:08*	*11/15/23 20:25*	*1*
o-Terphenyl	*75*		*70 - 130*	*11/11/23 21:08*	*11/15/23 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		4.96		mg/Kg			11/15/23 20:34	1

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

Lab Sample ID: 880-35635-4
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		11/13/23 14:41	11/14/23 07:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/13/23 14:41	11/14/23 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/13/23 14:41*	*11/14/23 07:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/13/23 14:41*	*11/14/23 07:16*	*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			11/14/23 07:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**61.3**		49.8		mg/Kg			11/15/23 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		11/11/23 21:08	11/15/23 20:50	1
Diesel Range Organics (Over C10-C28)	**61.3**	***1**	49.8		mg/Kg		11/11/23 21:08	11/15/23 20:50	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/11/23 21:08	11/15/23 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*57*	*S1-*	*70 - 130*	*11/11/23 21:08*	*11/15/23 20:50*	*1*
o-Terphenyl	*46*	*S1-*	*70 - 130*	*11/11/23 21:08*	*11/15/23 20:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		5.03		mg/Kg			11/15/23 20:40	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy 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)										
880-35635-1	H-1 (0-0.5')	97	92										
880-35635-2	H-2 (0-0.5')	91	82										
880-35635-3	H-3 (0-0.5')	75	105										
880-35635-4	H-4 (0-0.5')	84	99										
880-35675-A-1-A MS	Matrix Spike	108	116										
880-35675-A-1-B MSD	Matrix Spike Duplicate	109	114										
LCS 880-66874/1-A	Lab Control Sample	119	107										
LCSD 880-66874/2-A	Lab Control Sample Dup	127	123										
MB 880-66796/5-A	Method Blank	70	102										
MB 880-66874/5-A	Method Blank	74	97										

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)										
880-35635-1	H-1 (0-0.5')	81	85										
880-35635-2	H-2 (0-0.5')	79	81										
880-35635-3	H-3 (0-0.5')	88	75										
880-35635-4	H-4 (0-0.5')	57 S1-	46 S1-										
880-35638-A-1-E MS	Matrix Spike	81	61 S1-										
880-35638-A-1-F MSD	Matrix Spike Duplicate	116	87										
890-5575-A-10-D MS	Matrix Spike	80	73										
890-5575-A-10-E MSD	Matrix Spike Duplicate	78	76										
LCS 880-66717/2-A	Lab Control Sample	104	120										
LCS 880-66780/2-A	Lab Control Sample	75	75										
LCSD 880-66717/3-A	Lab Control Sample Dup	99	104										
LCSD 880-66780/3-A	Lab Control Sample Dup	103	106										
MB 880-66717/1-A	Method Blank	81	90										
MB 880-66780/1-A	Method Blank	122	110										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-66796/5-A
Matrix: Solid
Analysis Batch: 66807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/13/23 08:40	11/13/23 15:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/13/23 08:40	11/13/23 15:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/13/23 08:40	11/13/23 15:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/13/23 08:40	11/13/23 15:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/13/23 08:40	11/13/23 15:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/13/23 08:40	11/13/23 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*	*11/13/23 08:40*	*11/13/23 15:21*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/13/23 08:40*	*11/13/23 15:21*	*1*

Lab Sample ID: MB 880-66874/5-A
Matrix: Solid
Analysis Batch: 66807

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 02:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 02:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 02:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/13/23 14:41	11/14/23 02:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 02:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/13/23 14:41	11/14/23 02:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*11/13/23 14:41*	*11/14/23 02:04*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/13/23 14:41*	*11/14/23 02:04*	*1*

Lab Sample ID: LCS 880-66874/1-A
Matrix: Solid
Analysis Batch: 66807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 66874

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1253		mg/Kg		125	70 - 130		
Toluene			0.100	0.1151		mg/Kg		115	70 - 130		
Ethylbenzene			0.100	0.1190		mg/Kg		119	70 - 130		
m-Xylene & p-Xylene			0.200	0.2522		mg/Kg		126	70 - 130		
o-Xylene			0.100	0.1216		mg/Kg		122	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-66874/2-A
Matrix: Solid
Analysis Batch: 66807

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 66874

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1166		mg/Kg		117	70 - 130	7	35

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-66874/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66807 — **Prep Batch: 66874**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1038		mg/Kg		104	70 - 130	10	35
Ethylbenzene			0.100	0.1032		mg/Kg		103	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.2643	*+	mg/Kg		132	70 - 130	5	35
o-Xylene			0.100	0.1256		mg/Kg		126	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*

Lab Sample ID: 880-35675-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66807 — **Prep Batch: 66874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.07507		mg/Kg		75	70 - 130
Toluene	<0.00199	U F1	0.0996	0.06140	F1	mg/Kg		62	70 - 130
Ethylbenzene	<0.00199	U F1	0.0996	0.05476	F1	mg/Kg		55	70 - 130
m-Xylene & p-Xylene	<0.00398	U *+ F1	0.199	0.1066	F1	mg/Kg		54	70 - 130
o-Xylene	<0.00199	U F1	0.0996	0.04958	F1	mg/Kg		50	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-35675-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66807 — **Prep Batch: 66874**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.07899		mg/Kg		80	70 - 130	5	35
Toluene	<0.00199	U F1	0.0990	0.06396	F1	mg/Kg		65	70 - 130	4	35
Ethylbenzene	<0.00199	U F1	0.0990	0.05859	F1	mg/Kg		59	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U *+ F1	0.198	0.1156	F1	mg/Kg		58	70 - 130	8	35
o-Xylene	<0.00199	U F1	0.0990	0.05499	F1	mg/Kg		56	70 - 130	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

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

Lab Sample ID: MB 880-66717/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66782 — **Prep Batch: 66717**

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		11/10/23 13:21	11/12/23 08:51	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-66717/1-A
Matrix: Solid
Analysis Batch: 66782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 66717

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		11/10/23 13:21	11/12/23 08:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/10/23 13:21	11/12/23 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*11/10/23 13:21*	*11/12/23 08:51*	*1*
o-Terphenyl	*90*		*70 - 130*	*11/10/23 13:21*	*11/12/23 08:51*	*1*

Lab Sample ID: LCS 880-66717/2-A
Matrix: Solid
Analysis Batch: 66782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 66717

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	970.4		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1045		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*120*		*70 - 130*

Lab Sample ID: LCSD 880-66717/3-A
Matrix: Solid
Analysis Batch: 66782

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 66717

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	988.9		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1020		mg/Kg		102	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: 890-5575-A-10-D MS
Matrix: Solid
Analysis Batch: 66782

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 66717

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.5	U F1	1010	709.0		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	767.7		mg/Kg		74	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*80*		*70 - 130*
o-Terphenyl	*73*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-5575-A-10-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 66782 — **Prep Batch: 66717**

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	<49.5	U F1	1010	692.9	F1	mg/Kg		69	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	786.4		mg/Kg		76	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*78*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: MB 880-66780/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67014 — **Prep Batch: 66780**

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		11/11/23 21:08	11/15/23 10:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/23 21:08	11/15/23 10:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/23 21:08	11/15/23 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*11/11/23 21:08*	*11/15/23 10:41*	*1*
o-Terphenyl	*110*		*70 - 130*	*11/11/23 21:08*	*11/15/23 10:41*	*1*

Lab Sample ID: LCS 880-66780/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67014 — **Prep Batch: 66780**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	822.9		mg/Kg		82	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*75*		*70 - 130*
o-Terphenyl	*75*		*70 - 130*

Lab Sample ID: LCSD 880-66780/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67014 — **Prep Batch: 66780**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1162	*1	mg/Kg		116	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	1000	1027	*1	mg/Kg		103	70 - 130	22	20

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-66780/3-A
Matrix: Solid
Analysis Batch: 67014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 66780

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-35638-A-1-E MS
Matrix: Solid
Analysis Batch: 67014

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 66780

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 *1 F2	1000	955.2		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *1	1000	827.6		mg/Kg		79	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	61	S1-	70 - 130

Lab Sample ID: 880-35638-A-1-F MSD
Matrix: Solid
Analysis Batch: 67014

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 66780

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 *1 F2	1000	1227	F2	mg/Kg		120	70 - 130	25	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	1000	1006		mg/Kg		96	70 - 130	19	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	87		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-66922/1-A
Matrix: Solid
Analysis Batch: 67101

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			11/15/23 19:55	1

Lab Sample ID: LCS 880-66922/2-A
Matrix: Solid
Analysis Batch: 67101

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	251.8		mg/Kg		101	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-66922/3-A
Matrix: Solid
Analysis Batch: 67101

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	251.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-35635-1 MS
Matrix: Solid
Analysis Batch: 67101

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	153	F1	251	313.1	F1	mg/Kg		64	90 - 110		

Lab Sample ID: 880-35635-1 MSD
Matrix: Solid
Analysis Batch: 67101

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	153	F1	251	312.7	F1	mg/Kg		64	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 66796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-66796/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 66807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Total/NA	Solid	8021B	66874
880-35635-2	H-2 (0-0.5')	Total/NA	Solid	8021B	66874
880-35635-3	H-3 (0-0.5')	Total/NA	Solid	8021B	66874
880-35635-4	H-4 (0-0.5')	Total/NA	Solid	8021B	66874
MB 880-66796/5-A	Method Blank	Total/NA	Solid	8021B	66796
MB 880-66874/5-A	Method Blank	Total/NA	Solid	8021B	66874
LCS 880-66874/1-A	Lab Control Sample	Total/NA	Solid	8021B	66874
LCSD 880-66874/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	66874
880-35675-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	66874
880-35675-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	66874

Prep Batch: 66874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-35635-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-35635-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-35635-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-66874/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-66874/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-66874/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-35675-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-35675-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 66993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-35635-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-35635-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-35635-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 66717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-35635-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-66717/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-66717/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66717/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5575-A-10-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5575-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 66780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-35635-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-66780/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 66780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-66780/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-66780/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-35638-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-35638-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 66782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	66717
880-35635-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	66717
MB 880-66717/1-A	Method Blank	Total/NA	Solid	8015B NM	66717
LCS 880-66717/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66717
LCSD 880-66717/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66717
890-5575-A-10-D MS	Matrix Spike	Total/NA	Solid	8015B NM	66717
890-5575-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	66717

Analysis Batch: 66897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-35635-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-35635-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-35635-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 67014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	66780
880-35635-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	66780
MB 880-66780/1-A	Method Blank	Total/NA	Solid	8015B NM	66780
LCS 880-66780/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	66780
LCSD 880-66780/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	66780
880-35638-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	66780
880-35638-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	66780

HPLC/IC

Leach Batch: 66922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-35635-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-35635-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-35635-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-66922/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-66922/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-66922/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35635-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-35635-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 67101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-1	H-1 (0-0.5')	Soluble	Solid	300.0	66922
880-35635-2	H-2 (0-0.5')	Soluble	Solid	300.0	66922
880-35635-3	H-3 (0-0.5')	Soluble	Solid	300.0	66922

QC Association Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 67101 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35635-4	H-4 (0-0.5')	Soluble	Solid	300.0	66922
MB 880-66922/1-A	Method Blank	Soluble	Solid	300.0	66922
LCS 880-66922/2-A	Lab Control Sample	Soluble	Solid	300.0	66922
LCSD 880-66922/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	66922
880-35635-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	66922
880-35635-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	66922

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-35635-1
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	66874	11/13/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66807	11/14/23 03:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66993	11/14/23 03:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			66897	11/12/23 23:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	66717	11/10/23 15:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66782	11/12/23 23:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 20:12	SMC	EET MID

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

Lab Sample ID: 880-35635-2
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	66874	11/13/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66807	11/14/23 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66993	11/14/23 03:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			66897	11/12/23 23:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	66717	11/10/23 15:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	66782	11/12/23 23:51	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 20:29	SMC	EET MID

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

Lab Sample ID: 880-35635-3
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	66874	11/13/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66807	11/14/23 06:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66993	11/14/23 06:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			66897	11/15/23 20:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	66780	11/11/23 21:08	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67014	11/15/23 20:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 20:34	SMC	EET MID

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

Lab Sample ID: 880-35635-4
Matrix: Solid
Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	66874	11/13/23 14:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	66807	11/14/23 07:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			66993	11/14/23 07:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Date Collected: 11/08/23 00:00
Date Received: 11/10/23 13:35

Lab Sample ID: 880-35635-4

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			66897	11/15/23 20:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	66780	11/11/23 21:08	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67014	11/15/23 20:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	66922	11/14/23 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67101	11/15/23 20:40	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: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

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: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Hadar 10 Fed Com 4H

Job ID: 880-35635-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-35635-1	H-1 (0-0.5')	Solid	11/08/23 00:00	11/10/23 13:35
880-35635-2	H-2 (0-0.5')	Solid	11/08/23 00:00	11/10/23 13:35
880-35635-3	H-3 (0-0.5')	Solid	11/08/23 00:00	11/10/23 13:35
880-35635-4	H-4 (0-0.5')	Solid	11/08/23 00:00	11/10/23 13:35

Chain of Custody

Wo

880-35635 Chain of Custody

Project Manager	Conner Moehring	Bill to (if different)	Dale Woodall
Company Name	Carmona Resources	Company Name	Devon Energy
Address.	310 W Wall St Ste 500	Address	205 E Bender Rd #150
City, State ZIP	Midland, TX 79701	City, State ZIP	Hobbs New Mexico
Phone	432-813-6823	Email	Dale.Woodall@dev.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Hadar 10 Fed Com 4H	Turn Around	
Project Number	2175	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date	
Sampler's Name.	JM		
Work Order	21247412		

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	F-26
Sample Custody Seals.	Yes No N/A	Temperature Reading	3.6
Total Containers.		Corrected Temperature	3.20

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL. HC; HNO_3 HN; H_2S0_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0 5')	11/8/2023		X		G	1	X	X	X	
H-2 (0-0 5')	11/8/2023		X		G	1	X	X	X	
H-3 (0-0 5')	11/8/2023		X		G	1	X	X	X	
H-4 (0-0 5')	11/8/2023		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
	11-10-23	Sinclair	11-10-23 1335

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-35635-1
SDG Number: Eddy County, New Mexico

Login Number: 35635
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 31, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: HADAR 10 FEDERAL COM 4H

Enclosed are the results of analyses for samples received by the laboratory on 03/25/25 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 1 (2') (H251722-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	2.11	105	2.00	1.29	
Toluene*	<0.050	0.050	03/28/2025	ND	2.39	120	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	2.63	132	2.00	5.00	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	8.06	134	6.00	5.36	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *67.5 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *65.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 2 (2') (H251722-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	2.11	105	2.00	1.29	
Toluene*	<0.050	0.050	03/28/2025	ND	2.39	120	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	2.63	132	2.00	5.00	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	8.06	134	6.00	5.36	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *125 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *75.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *73.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 3 (2') (H251722-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *71.7 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *67.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 4 (2') (H251722-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *76.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *74.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 5 (2') (H251722-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *74.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *70.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 6 (2') (H251722-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *77.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *74.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 7 (2') (H251722-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *80.8 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.1 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 8 (1.5') (H251722-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *84.0 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *81.3 %* *40.6-153*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: CS - 9 (1.5') (H251722-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *76.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *78.1 %* *40.6-153*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 1 (2') (H251722-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *79.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *76.8 %* *40.6-153*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 2 (2') (H251722-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *80.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *79.9 %* *40.6-153*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 3 (2') (H251722-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/26/2025	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *58.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *54.4 %* *40.6-153*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 4 (2') (H251722-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *72.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *67.2 %* *40.6-153*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 5 (2') (H251722-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/27/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *67.6 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *64.5 %* *40.6-153*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 6 (2') (H251722-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *81.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *77.3 %* *40.6-153*

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 7 (2') (H251722-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *75.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *75.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 8 (2') (H251722-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *80.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *77.1 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 9 (2') (H251722-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	184	92.2	200	6.34	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	178	89.1	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *84.4 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *82.8 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 10 (2') (H251722-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	226	113	200	1.72	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	213	107	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *66.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *62.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 11 (1.5') (H251722-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	226	113	200	1.72	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	213	107	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *74.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *68.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 12 (1.5') (H251722-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	226	113	200	1.72	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	213	107	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *77.1 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *71.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: SW - 13 (1.5') (H251722-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.93	96.6	2.00	2.99	
Toluene*	<0.050	0.050	03/28/2025	ND	1.98	99.1	2.00	2.32	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.87	93.3	2.00	1.02	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.64	94.0	6.00	0.851	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	226	113	200	1.72	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	213	107	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *62.2 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *57.9 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H257722

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Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-6823	Email:	jim.raley@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Hadar 10 Federal Com 4H	Turn Around	☑ Routine ☐ Rush
Project Number:	2175		
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT					
Temp Blank:		Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	#140		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.3c		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.1c		
Total Containers:		Corrected Temperature:	3.4c		

ANALYSIS REQUEST

	Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
1	CS-1 (2')	3/24/2025		X		Comp	1	x	x	x		
2	CS-2 (2')	3/24/2025		X		Comp	1	x	x	x		
3	CS-3 (2')	3/24/2025		X		Comp	1	x	x	x		
4	CS-4 (2')	3/24/2025		X		Comp	1	x	x	x		
5	CS-5 (2')	3/24/2025		X		Comp	1	x	x	x		
6	CS-6 (2')	3/24/2025		X		Comp	1	x	x	x		
7	CS-7 (2')	3/24/2025		X		Comp	1	x	x	x		
8	CS-8 (1.5')	3/24/2025		X		Comp	1	x	x	x		
9	CS-9 (1.5')	3/24/2025		X		Comp	1	x	x	x		
10	SW-1 (2')	3/24/2025		X		Comp	1	x	x	x		

Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2SO_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	3-25-25 0835	[signature]	

Chain of Custody

Work Order No: H251722

Page 2 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-6823	Email:	jim.raley@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Hadar 10 Federal Com 4H	Turn Around	Pres. Code
Project Number:	2175	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	#140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.3°C	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.1°C	
Total Containers:		Corrected Temperature:	3.4°C	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											HOLD	Sample Comments
11	SW-2 (2')	3/24/2025		X		Comp	1	x	x	x												
12	SW-3 (2')	3/24/2025		X		Comp	1	x	x	x												
13	SW-4 (2')	3/24/2025		X		Comp	1	x	x	x												
14	SW-5 (2')	3/24/2025		X		Comp	1	x	x	x												
15	SW-6 (2')	3/24/2025		X		Comp	1	x	x	x												
16	SW-7 (2')	3/24/2025		X		Comp	1	x	x	x												
17	SW-8 (2')	3/24/2025		X		Comp	1	x	x	x												
18	SW-9 (2')	3/24/2025		X		Comp	1	x	x	x												
19	SW-10 (2')	3/24/2025		X		Comp	1	x	x	x												
20	SW-11 (1.5')	3/24/2025		X		Comp	1	x	x	x												

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-25-25 0835	Tamara Latker	

Chain of Custody

Work Order No: H251722

Page 3 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-6823	Email:	jim.raley@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Hadar 10 Federal Com 4H	Turn Around	☑ Routine ☐ Rush
Project Number:	2175	Due Date:	
Project Location	Eddy County, New Mexico		
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	+0.3
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.1
Total Containers:		Corrected Temperature:	3.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
21 SW-12 (1.5')	3/24/2025		X		Comp	1		x	x	x		
22 SW-13 (1.5')	3/24/2025		X		Comp	1		x	x	x		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-25-25 0835		

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 31, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: HADAR 10 FEDERAL COM 4H

Enclosed are the results of analyses for samples received by the laboratory on 03/25/25 8:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	03/25/2025	Sampling Date:	03/24/2025
Reported:	03/31/2025	Sampling Type:	Soil
Project Name:	HADAR 10 FEDERAL COM 4H	Sampling Condition:	Cool & Intact
Project Number:	2175	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NEW MEXICO		

Sample ID: LEA LAND PIT (H251723-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	2.08	104	2.00	3.13	
Toluene*	<0.050	0.050	03/28/2025	ND	2.10	105	2.00	3.84	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	2.10	105	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	6.30	105	6.00	5.01	
Total BTEX	<0.300	0.300	03/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	03/27/2025	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	226	113	200	1.72	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	213	107	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane *64.2 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *58.8 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H257723

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 W Wall St Ste 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad NM, 88220
Phone:	(432) 813-6823	Email:	jim.raley@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Hadar 10 Federal Com 4H	Turn Around	
Project Number:	2175	☑ Routine ☐ Rush	
Project Location	Eddy County, New Mexico	Due Date:	
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.3E
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.1c
Total Containers:		Corrected Temperature:	3.4c

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date		Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
Lea Land Pit	3/24/2025		X		Comp	1	x	x	x		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-25-25 0835		

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 478285

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478285
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2329840472**
Incident Name	**NAPP2329840472 HADAR 10 FEDERAL COM #004H @ 30-015-42572**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-015-42572] HADAR 10 FEDERAL COM #004H**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	HADAR 10 FEDERAL COM #004H
Date Release Discovered	10/25/2023
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	Cause: Equipment Failure | Well | Crude Oil | Released: 2 BBL | Recovered: 0 BBL | Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Well | Produced Water | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Wiper packing was loose and caused a spill. 5.2 bbls produced water and 2 bbls of oil released onto the pad. Spill did not go offsite. Recovered volumes are not available as of this notice.

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QUESTIONS (continued)

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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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	recovered volumes are not available as of this notice.
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@dvn.com Date: 06/24/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478285
	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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10100
GRO+DRO (EPA SW-846 Method 8015M)	9610
BTEX (EPA SW-846 Method 8021B or 8260B)	19
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/18/2025
On what date will (or did) the final sampling or liner inspection occur	03/24/2025
On what date will (or was) the remediation complete(d)	04/04/2025
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	1477
What is the estimated volume (in cubic yards) that will be remediated	140
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478285
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	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.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/24/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478285
	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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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478285
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**444405**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/24/2025**
What was the (estimated) number of samples that were to be gathered	**26**
What was the sampling surface area in square feet	**1470**

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	1477
What was the total volume (cubic yards) remediated	140
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)	Remediation Complete

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: 06/24/2025

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QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 478285
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 478285
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2329840472 HADAR 10 FEDERAL COM #004H, thank you. This Remediation Closure Report is approved.	8/1/2025