

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



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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

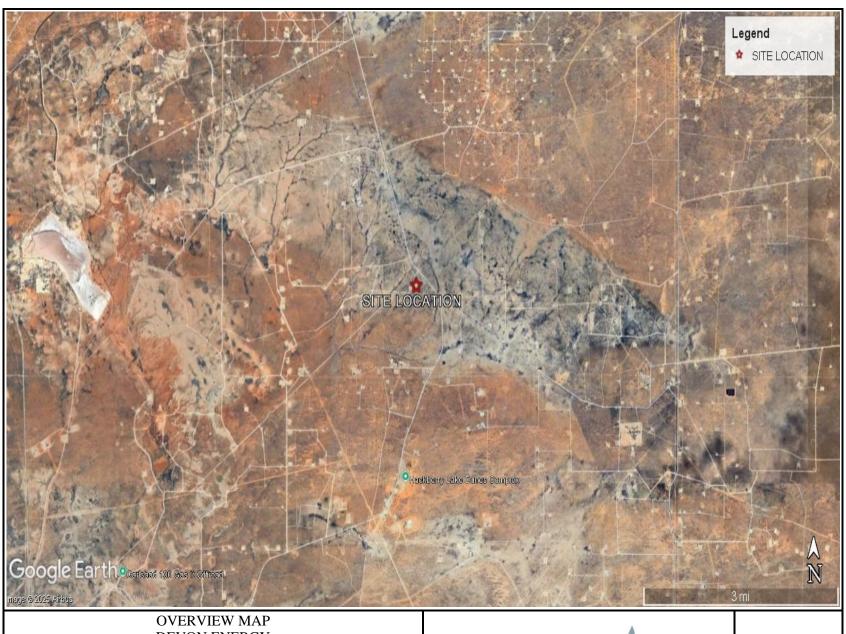
Based on the assessment results and the analytical data, no further actions are required at the site. Devon formally requests the closure of this incident. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring Environmental Manager Ivan Ramos Project Manager

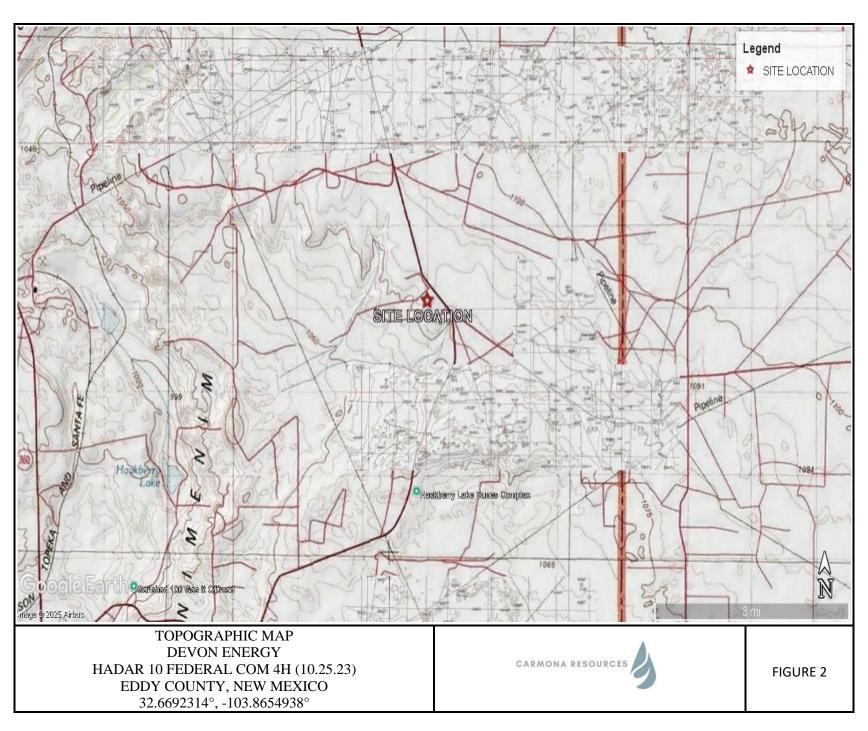
FIGURES

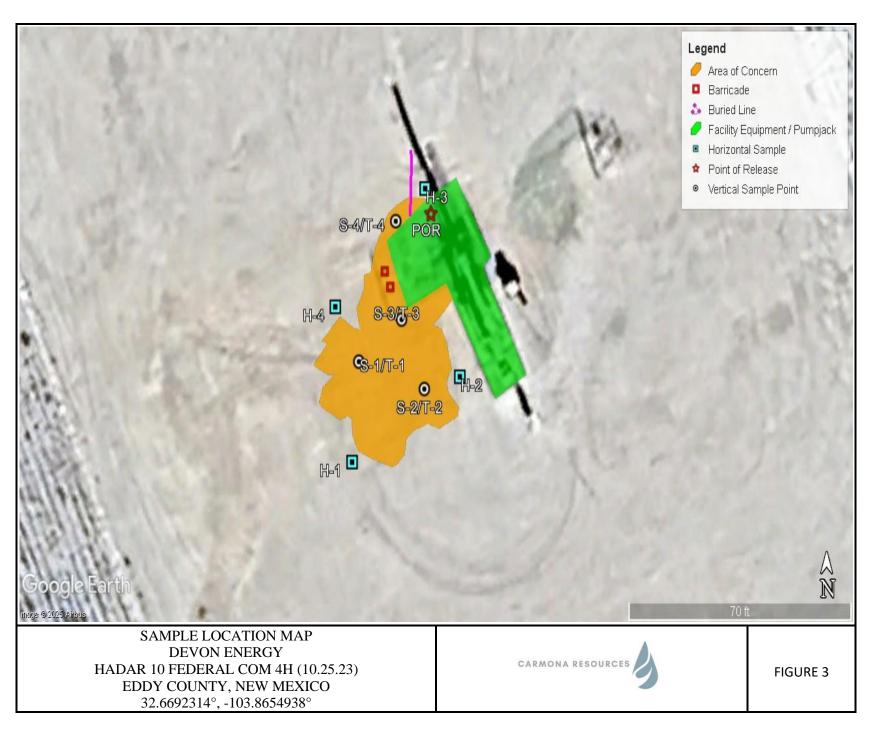


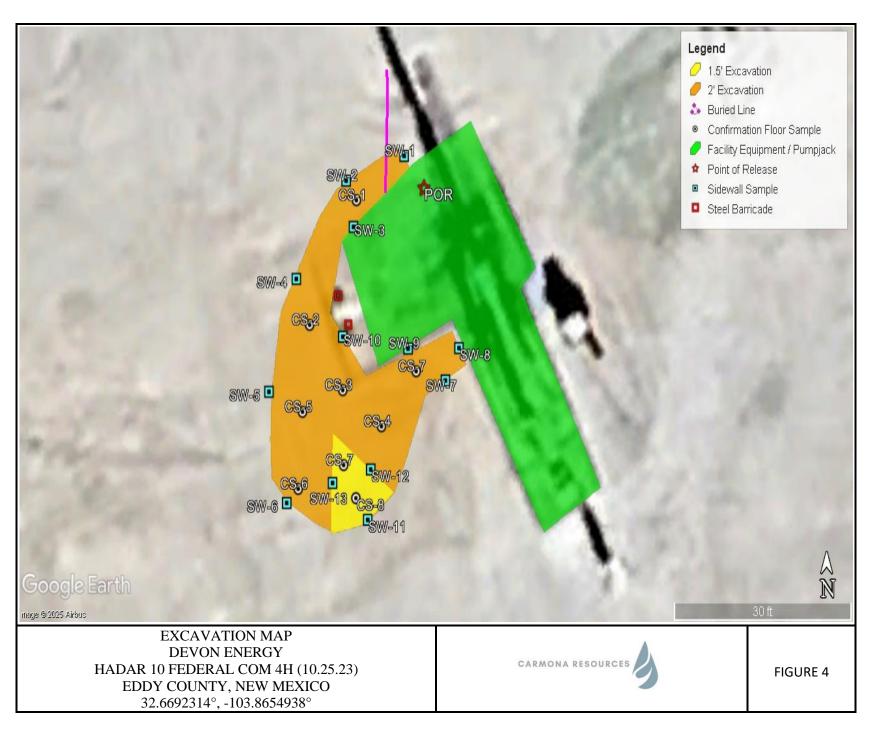
DEVON ENERGY
HADAR 10 FEDERAL COM 4H (10.25.23)
EDDY COUNTY, NEW MEXICO
32.6692314°, -103.8654938°

CARMONA RESOURCES

FIGURE 1







APPENDIX A

Table 1 **Devon Energy** Hadar 10 Fed Com 4H **Eddy County, New Mexico**

0 1 10	2.	D (1.00)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	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
T-1	"	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
0-2	"	1.5	<50.4	957	<50.4	957	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.6
	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
T-2	"	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
3-3	"	1.5	<250	9,610	483	10,100	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	827
	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
T-3	"	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
	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
T-4	"	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
	ry Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg
(-) Not	Analyzed											

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram 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	Donath (ft)		ТРН	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chlorida (ma/ka)
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
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
	ry 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

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.





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.





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.





APPENDIX C

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

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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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

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, Page 2

Action 279212

QUEST	/	۱۱ ۱
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Operator:	OGRID:		
DEVON ENERGY PRODUCTION COMPANY, LP	6137		
333 West Sheridan Ave.	Action Number:		
Oklahoma City, OK 73102	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 si	afety 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.

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

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**

ACKNOWLEDGMENTS

Action 279212

ACKNOWLEDGMENTS

Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	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.
V	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.
V	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.
V	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.
V	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.
V	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.

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

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**

CONDITIONS

Action 279212

CONDITIONS

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

CONDITIONS

Cr By	reated /	Condition	Condition Date
W	vdale	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

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	444405
ı		Action Type:
ı		[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

Action 444405

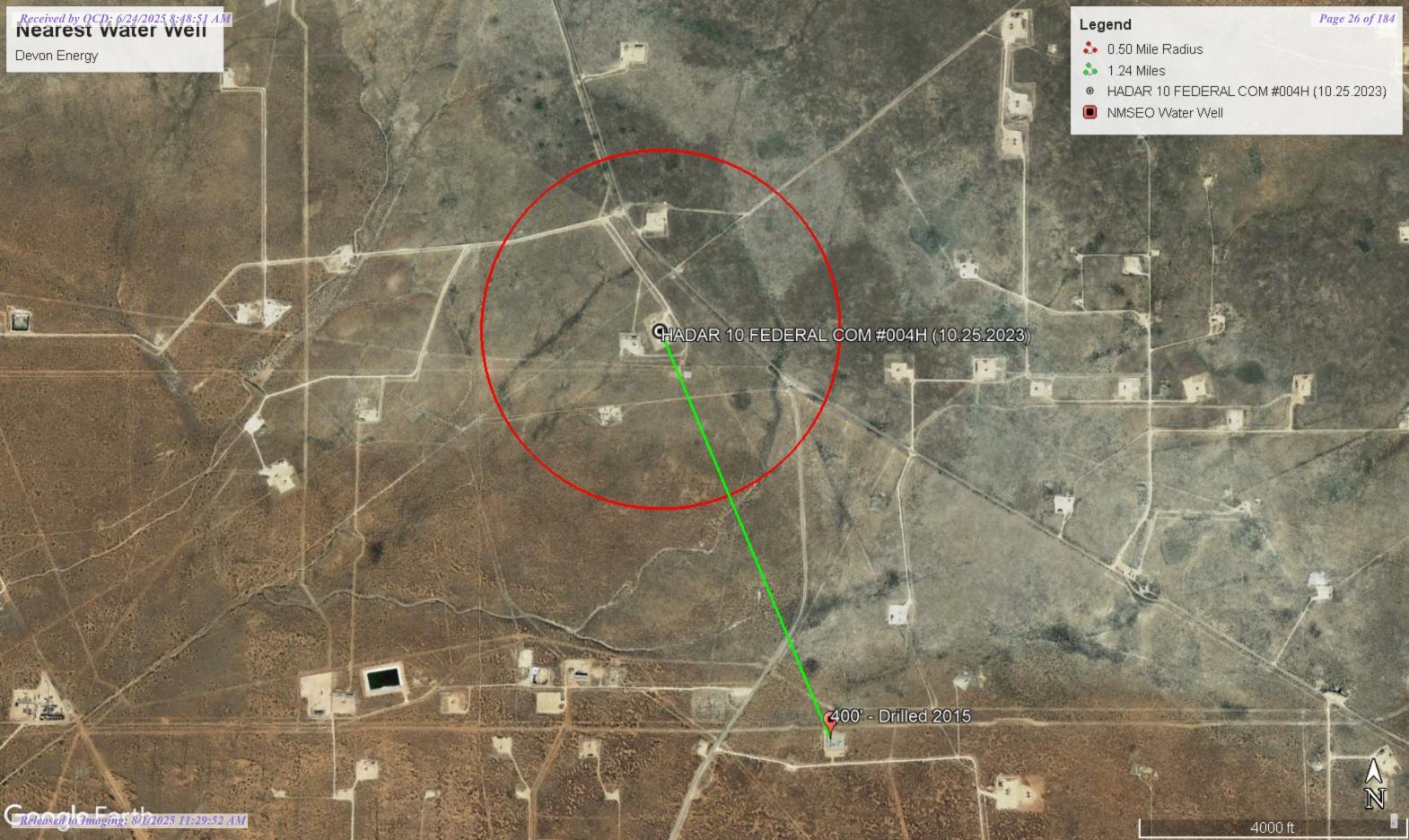
CONDITIONS

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

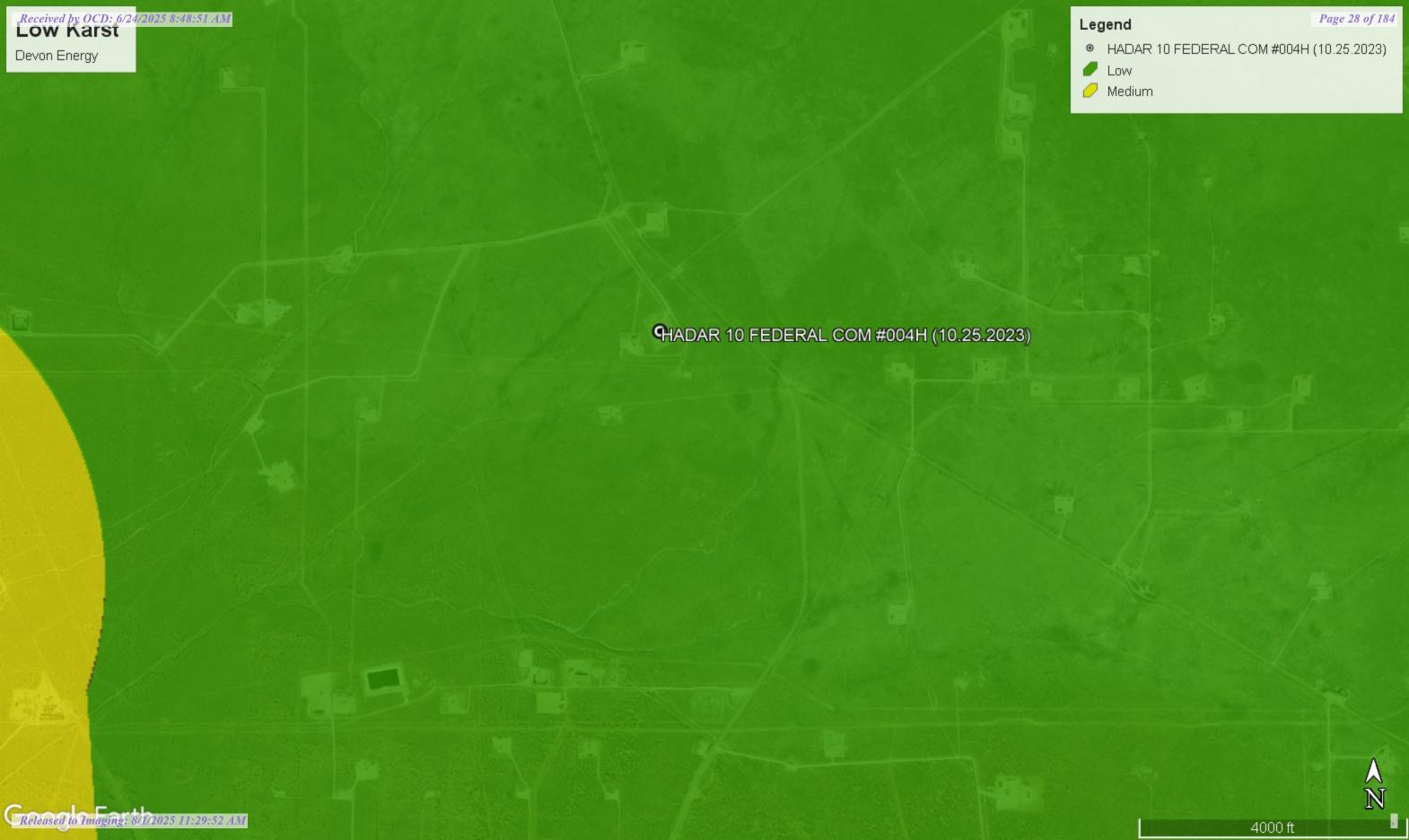
CONDITIONS

Create By		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









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 Sub-		Q	Q (Q							Depth	Depth Water
POD Number	Code basin	County	64	16	4 Se	ec T	ws I	Rng	Х	Y	Distance	•	Water Column
CP 00829 POD1	CP	LE		2	4 1	16 1	9S	31E	606165	3614009*	1196	120	
CP 01554 POD1	СР	LE	2	2	1 2	22 1	98	31E	607166	3613354 🎒	1994	400	
CP 01554 POD2	СР	LE	2	2	1 2	22 1	98	31E	607165	3613322 🌍	2024	400	
CP 01907 POD1	СР	ED	4	2	2 1	18 1	98	31E	603017	3614737 🌍	3389		
CP 01943 POD1	СР	ED	1	3	1 2	20 1	98	31E	603217	3612883 🌍	3909	55	
CP 00849 POD1	СР	LE	3	1	3 3	35 1	8S	31E	608012	3618757*	3926	300	

Average Depth to Water: --

Minimum Depth: -

Maximum Depth: -

DEPTH TO WATER

Record Count: 6

UTMNAD83 Radius Search (in meters):

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

*UTM location was derived from PLSS - see Help

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



 Project Name :
 Hadar 10 Federal Com 4H
 Date :
 Tuesday, August 27, 2024

 Project No. :
 2175
 Sampler :
 Ivan Ramos

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	Depth (ft.)	WL	Soil Description	Lithology
10	O' - Tan, poorly cemented, small to medium, subangular gravel with 45% fine, silty soft, loose sand. Dry, no odor, no organics (SW). 5' - Tan, moderately cemented, small to medium, subangular gravel with 65% fine, silty soft, loose sand. Dry, no odor, no organics (SW). 10' - Pinkish brown, poorly cemented, small, subrounded gravel with 70% fine, silty soft, loose sand. Dry, no odor, no organics (SM). 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' - Pinkish brown, poorly cemented, small to medium, subrounded clay nodules with 65% fine, silty soft, loose sand. Dry, no odor, no organics (SC). 25' - Pinkish brown, poorly cemented, small, subrounded gypsum nodules with 95% fine, silty soft, loose sand. Dry, no odor, no organics (SM). 30' - Pinkish tan, poorly cemented, small, subrounded sandstone nodules with 98% fine, silty soft, loose sand. Dry, no odor, no organics (SM). 35' - Pinkish brown, moderately cemented, small to medium, subangular gravel with 80% fine, silty soft, loose sand. Dry, no odor, no organics (SM).	Lithology	Depth (ft.) 50	WL	Soil Description 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' - Red, stiff, small to medium, subangular clay nodules with 25% coarse, clayey silt. Dry, no odor, no organics (CL). 60' - White, poorly cemented, small, subangular sandstone nodules with 85% fine, silty soft, loose sand. Dry, no odor, no organics (SM). 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' - Red, medium stiff, small to medium, subangular clay nodules with 50% coarse, clayey silt. Dry, no odor, no organics (CL). 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' - Pinkish tan, poorly cemented, small, subangular gypsum nodules with 80% fine, silty soft, loose sand. Dry, no odor, no organics (SM). 85' - Pinkish brown, medium stiff, small to medium, subangular clay nodules with 70% fine, silty soft, loose sand. Dry, no odor, no organics (SC).	Lithology
<u> </u>	sand. Dry, no odor, no organics (SM). 45' - Pale gray, poorly cemented, small, subrounded sandstone nodules with 98% fine, silty soft, loose sand. Dry, no odor, no organics (SM).		95		clayey silt. Dry, no odor, no organics (CL). 95' - Red, medium stiff, small to medium, subangular clay nodules with 50% coarse, clayey silt. Dry, no odor, no organics (CL). 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.



-	OSE POD NU			NUMBER)			OSE FILE NUMBER(S)						
ĺ	CP-01554												
AT	WELL OWN		٠,,	via COOD DEIlia	D M = 1/ = =		PHONE (OPTI	ONAL)					
3				ric COOP, Philip	o R MCKee								
GENERAL AND WELL LOCATION	1505 N 1			ADDRESS			Artesia		STATE NM 8821	ZIP O			
é	WELL			DEGREES	S MINUTES	SECOND	os .	<u></u>					
LAI	LOCATION LATITUDE		11DE 32	39	9.45	N	* ACCURACY	REQUIRED: ONE TEN	TH OF A SECOND				
₹	(FROM GF	_		GITUDE 103	51	26.28	W	* DATUM RE	QUIRED: WGS 84				
SE	DECEMBER				T ADDRÉSS AND COMM		C (CECTION T	0.100.000					
1. G	DESCRIPTION	N RELATII	NO WE	LL LOCATION TO STREE	I ADDRESS AND COMIN	ON LANDIMARKS - PLS	is (SECTION, 19	OWNSHJIP, KANG	SE) WHERE AVAILABLE				
	LICENSE NU	JMBER	\overline{T}	NAME OF LICENSED	DRILLER				NAME OF WELL DR	ILLING COMPANY			
	WD-1632	2		Caleb Curry					Hopper Pump &				
	DRILLING S	TARTED	+	DRILLING ENDED	DEPTH OF COMPLET	ED WELL (FT)	BORE HOL	E DEPTH (FT)	DEPTH WATER FIR:	ST ENCOUNTERED (FT)	· · · · · · · · · · · · · · · · · · ·		
	9/24/201	5	9/	/25/2015	400	. ,	400	` '		` '			
									STATIC WATER LEV	VEL IN COMPLETED WE	LL (FT)		
CASING INFORMATION	COMPLETE	D WELL	ıs: (ARTESIAN	ORY HOLE	SHALLOW (UNC	ONFINED)				. ,		
	DRU I DIG E			● AIR	Смир								
MA7	DRILLING F					ADDITIVES – SPE							
OR	DRILLING M			ROTARY	C HAMMER C	CABLE TOOL	(OTHE	R - SPECIFY:					
Ż	DEPTH	,		BORE HOLE	CASING MATERIAL AND/OR GRADE CA			SING	CASING	CASING WALL	SLOT		
S	FROM	TO)	DIAM	(include each casing string and CONN			NECTION YPE	INSIDE DIAM. THICKNESS (inches)		SIZE (inches)		
[SAS]				(inches)	note sections of screen)				(inches)	(inches)	(iliches)		
ઝ													
2. DRILLING								 , , .					
III			-										
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	DEPTH	(faet ha	17		r rom in	NULL AD CO. 1. 1.	I TEDILI		13-0		1		
T			<u> </u>	BORE HOLE DIAM. (inches)		NULAR SEAL MA ACK SIZE-RANG			AMOUNT (cubic feet)		METHOD OF PLACEMENT		
RIA	FROM 0	40	,	` '					(cubic rect)				
TE				8	3/8 bentonite	Chip							
MA	40	400		8	Natural Fill								
AR													
ANNULAR MATERIAL													
3.													
	OSE INTER	NAL US	5 _	1/2//						& LOG (Version 06/0	8/2012)		
	NUMBER	CH	<u> </u>	1754,		POD NUMBER	<u> </u>	-	NUMBER 57	5100			
LOC	ATION	_(.	a i	thadic		145.31	$'$ $\!$	42.10	メント	PAGE	1 OF 2		

				T					EGTULLTED	
	DEPTH (TO	THICKNESS (feet)	INCLUDE WATE	D TYPE OF MATERIAI R-BEARING CAVITIES plemental sheets to full	OR FRACT	URE ZONES	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	0	250	250	Brown Sand		CYCN				
	250	400	150	Brown Sandstone				CYCN		
								CYCN		
								$(Y \cap N)$		
								CYCN		
ر ا								CYCN		
VEL								CYCN		
JF W								CYCN		
90								C^{Y}		
IC L					***************************************			CYCN		
90								C^{Y}		
EOI								C^{Y}		
HYDROGEOLOGIC LOG OF WELL								C^{Y}		
EX.								C^{Y}		
4								C^{Y}		
								C^{Y}		
								C^{Y}		
								C^{Y}		
	,					*		C^{Y}		
								C^{Y}		
								C^{Y}		
	METHOD	USED TO E	STIMATE YIELI	O OF WATER-BEARING	G STRATA: C	PUMP	ŀ	OTAL ESTIMATED		
	C AIR LIE	т С	WELL YIELD (gpm):							
NOISI	WELL TE	ST TEST	RESULTS - AT RT TIME, END T	TACH A COPY OF DAT IME, AND A TABLE SE	TA COLLECTED DURING DISCHARGE	NG WELL TI AND DRAW	ESTING, INCL DOWN OVER	UDING DISCHARGE I	METHOD, DD.	
VISI	MISCELLANEOUS INFORMATION:									
PER										
S SU	G	round Ro	d Hole							
RI RI										
5. TEST; RIG SUPERV	PRINT NA	ME(S) OF D	RILL RIG SUPE	RVISOR(S) THAT PRO	VIDED ONSITE SUPER	VISION OF	WELL CONST	RUCTION OTHER TH	IAN LICENSEE:	
5. T										
TURE	CORRECT	RECORD O	OF THE ABOVE	FIES THAT, TO THE B DESCRIBED HOLE AN 20 DAYS AFTER COM	D THAT HE OR SHE W	ILL FILE T	E AND BELIEF HIS WELL REC	F, THE FOREGOING IS CORD WITH THE STA	S A TRUE AND TE ENGINEER	
6. SIGNATURE	/_	4/11					,	10/5/2	3015	
· .		SIGNA	ΓURE OF DRILL	ER PRINT SIGNEE	NAME			DATE		
FO	R OSE INTEI	RNAL USE					WR-20 WELL	. RECORD & LOG (Ve	rsion 06/08/2012)	
FIL	E NUMBER	CP	-1554		POD NUMBER		TRN NUMBE	R 57570		
LO	CATION	(a	thadir		195.310	E.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.

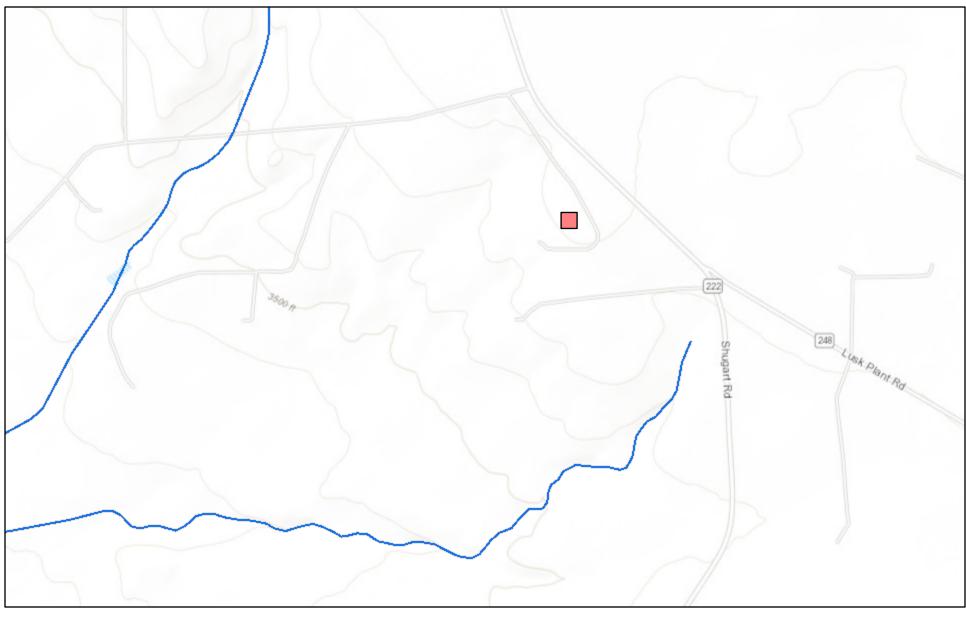
If you have any questions, please feel free to contact us.

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,

APPENDIX E

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

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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 _

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Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H Laboratory Job ID: 880-35636-1 SDG: Eddy County, New Mexico

Table of Contents

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QC Sample Results	13
QC Association Summary	18
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Certification Summary	24
Method Summary	25
Sample Summary	26
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Definitions/Glossary

Job ID: 880-35636-1 Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H 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**

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

DFR 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

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) EPA recommended "Maximum Contaminant Level" MCL

MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

Method Detection Limit MDL 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

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) TEQ

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

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

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

Date Collected: 11/08/23 00:00

Date Received: 11/10/23 13:35

Lab Sample ID: 880-35636-1

Matrix: Solid

5

6

8

10

12

13

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 Cald	culation							
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 - Dies	el Range Organ	ics (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 - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		11/11/23 21:05	11/13/23 08:56	1
(GRO)-C6-C10									
Diesel Range Organics (Over	636		49.8		mg/Kg		11/11/23 21:05	11/13/23 08:56	1
` ,	636 <49.8	U	49.8 49.8		mg/Kg mg/Kg		11/11/23 21:05 11/11/23 21:05	11/13/23 08:56 11/13/23 08:56	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.8							11/13/23 08:56	1
Diesel Range Organics (Over C10-C28)			49.8				11/11/23 21:05		1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.8 %Recovery		49.8				11/11/23 21:05 Prepared	11/13/23 08:56 Analyzed	1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.8 %Recovery 121 128	Qualifier	49.8 Limits 70 - 130 70 - 130				11/11/23 21:05 Prepared 11/11/23 21:05	11/13/23 08:56 Analyzed 11/13/23 08:56	1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 **Recovery 121 128 Chromatograp	Qualifier	49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg	D	11/11/23 21:05 Prepared 11/11/23 21:05	11/13/23 08:56 Analyzed 11/13/23 08:56	

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

Date Collected: 11/08/23 00:00

Lab Sample ID: 880-35636-2

Matrix: Solid

Date Received: 11/10/23 13:35

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

Job ID: 880-35636-1

11/15/23 21:03

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0-1') Lab Sample ID: 880-35636-2

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

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 - Dies	el Range Organ	ics (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 - Die	esel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		11/11/23 21:05	11/13/23 08:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	1360		50.1		mg/Kg		11/11/23 21:05	11/13/23 08:10	1
C10-C28)									
Oll Range Organics (Over	67.6		50.1		mg/Kg		11/11/23 21:05	11/13/23 08:10	1
C28-C36)									
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, Io	n Chromatogran	hy - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-2 (1.5') Lab Sample ID: 880-35636-3 Date Collected: 11/08/23 00:00 **Matrix: Solid**

4.95

mg/Kg

61.6

Date Received: 11/10/23 13:35

Chloride

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 Analyte		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte		Qualifier		MDL	Unit mg/Kg	<u>D</u>		Analyzed 11/12/23 01:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	<0.00398	Qualifier U	RL	MDL		<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did	Result < 0.00398 esel Range Organ	Qualifier U	RL			<u>D</u>			1
Method: TAL SOP Total BTEX	Result < 0.00398 esel Range Organ	Qualifier U	RL 0.00398		mg/Kg		Prepared	11/12/23 01:51	Dil Fac Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	Result <0.00398 esel Range Organ Result 957	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	11/12/23 01:51 Analyzed	Dil Fac Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	Result <0.00398 esel Range Organ Result 957 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier	RL 0.00398	MDL	mg/Kg		Prepared	11/12/23 01:51 Analyzed	1

Job ID: 880-35636-1

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

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

Date Received: 11/10/23 13:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	957		50.4		mg/Kg		11/11/23 21:05	11/13/23 08:33	1
C10-C28)									
Oll 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 Date Collected: 11/08/23 00:00 **Matrix: Solid**

Date Received: 11/10/23 13:35

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	
Toluene	0.00353		0.00200		mg/Kg		11/10/23 15:06	11/12/23 02:11	•
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	•
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/10/23 15:06	11/12/23 02:11	,
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 Cale	culation							
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 - Dies	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	5610		50.5		mg/Kg			11/13/23 06:40	1
Method: SW846 8015B NM - Di	esel Range Orga	nics (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
Oll 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, Id	on Chromatograp	hy - Solubl	e						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	

Eurofins Midland

5.01

mg/Kg

673

11/15/23 21:14

Chloride

Client: Carmona Resources Job ID: 880-35636-1 Project/Site: Hadar 10 Fed Com 4H 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

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	
Toluene	< 0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 02:32	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		11/10/23 15:06	11/12/23 02:32	,
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/10/23 15:06	11/12/23 02:32	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
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 Cald	culation							
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 - Dies	cal Banga Organ	ice (DBO) (GC)						
Method. 344040 0013 MM - Dies	sei Kaliye Olyali	ics (DICO) (
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
				MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 11/13/23 07:48	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Di	Result 10100	Qualifier		MDL		<u>D</u>	Prepared		
Total TPH Method: SW846 8015B NM - Di	Result 10100 esel Range Orga	Qualifier				<u>D</u>	Prepared Prepared		
Total TPH Method: SW846 8015B NM - Di Analyte	Result 10100 esel Range Orga	Qualifier Inics (DRO) Qualifier	RL 250 (GC)		mg/Kg		<u> </u>	11/13/23 07:48	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10	Result 10100 esel Range Orga Result	Qualifier Inics (DRO) Qualifier	(GC) RL 250		mg/Kg		Prepared 11/11/23 21:05	11/13/23 07:48 Analyzed 11/13/23 07:48	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 10100 esel Range Orga Result	Qualifier Inics (DRO) Qualifier	(GC) RL		mg/Kg		Prepared	11/13/23 07:48 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 10100	Qualifier Inics (DRO) Qualifier	(GC) RL 250 250 250		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05	11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	esel Range Orga Result	Qualifier Inics (DRO) Qualifier	(GC) RL 250		mg/Kg Unit mg/Kg		Prepared 11/11/23 21:05	11/13/23 07:48 Analyzed 11/13/23 07:48	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	Result 10100	Qualifier Inics (DRO) Qualifier	(GC) RL 250 250 250		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05	11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	Result 10100	Qualifier unics (DRO) Qualifier U	(GC) RL 250 250 250		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05	11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48	Dil Fac
Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 10100	Qualifier unics (DRO) Qualifier U	RL 250 (GC) RL 250 250 250		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05 11/11/23 21:05	Analyzed 11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48 11/13/23 07:48	Dil Fac
Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 10100	Qualifier unics (DRO) Qualifier U	RL 250 (GC) RL 250 250 250 250 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05 11/11/23 21:05 Prepared	Analyzed 11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48 11/13/23 07:48 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 10100	Qualifier Qualifier U Qualifier S1+	RL 250 (GC) RL 250 250 250 250 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05 11/11/23 21:05 Prepared 11/11/23 21:05	Analyzed 11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48 Analyzed 11/13/23 07:48	1
Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 10100	Qualifier Qualifier U Qualifier S1+	RL 250 (GC) RL 250 250 250 250 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:05 11/11/23 21:05 11/11/23 21:05 Prepared 11/11/23 21:05	Analyzed 11/13/23 07:48 Analyzed 11/13/23 07:48 11/13/23 07:48 Analyzed 11/13/23 07:48	Dil Fac

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

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

Client Sample Results

Client: Carmona Resources Job ID: 880-35636-1 Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

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

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 - Dies	sel Range Organ	ics (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 - Die	esel Range Orga	nics (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
Oll 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			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, Io	n Chromatograp	hy - Solubl	e						
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 Date Collected: 11/08/23 00:00 Matrix: Solid

Date Received: 11/10/23 13:35

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
Mathed TALLOOD Tatal DTEV	T-1-I DTEV O-I								
Method: TAL SOP Total BTEX Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.0		0.100		mg/Kg			11/12/23 03:13	
Method: SW846 8015 NM - Die		ics (DRO) (
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
			49.6		mg/Kg			11/13/23 07:02	
Total TPH	2990		49.0						
		nics (DRO)							
Total TPH Method: SW846 8015B NM - D Analyte	iesel Range Orga	nics (DRO) Qualifier		MDL	Unit	D	Prepared	Analyzed	Dil Fac
: Method: SW846 8015B NM - D	iesel Range Orga		(GC)	MDL	Unit mg/Kg	<u>D</u>	Prepared 11/11/23 21:05	Analyzed 11/13/23 07:02	Dil Fa

Client Sample Results

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

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

Analyte

Chloride

Lab Sample ID: 880-35636-7

Analyzed

11/15/23 17:11

Prepared

Matrix: Solid

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

RL

50.4

MDL Unit

mg/Kg

Result Qualifier

4220

5

8

40

Dil Fac

10

14

13

Surrogate Summary

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(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	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-35634-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	
380-35636-4	S-3 (0-1')	110	112	
880-35636-5	S-3 (1.5')	122	150 S1+	
380-35636-6	S-4 (0-1')	101	103	
380-35636-7	S-4 (1.5')	118	115	
CS 880-66779/2-A	Lab Control Sample	93	108	
_CSD 880-66779/3-A	Lab Control Sample Dup	80	91	
MB 880-66779/1-A	Method Blank	106	116	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Carmona Resources Job ID: 880-35636-1 SDG: Eddy County, New Mexico Project/Site: Hadar 10 Fed Com 4H

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

	141.0	1110							
Analyte	Result	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

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Pi	repared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	11/0	7/23 13:39	11/11/23 08:36	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/0	7/23 13:39	11/11/23 08:36	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 66739

Analysis Batch: 66683 мв мв

Lab Sample ID: MB 880-66739/5-A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/23 15:06	11/11/23 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

MB MB

Surrogate	%Recovery	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

Matrix: Solid

Analysis Batch: 66683

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

Prep Batch: 66739

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	114	70 _ 130
1.4-Difluorobenzene (Surr)	110	70 - 130

Lab S

Matri

Analy

Sample ID: LCSD 880-66739/2-A	Client Sample ID: Lab Control Sample Dup
rix: Solid	Prep Type: Total/NA
llysis Batch: 66683	Prep Batch: 66739

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

QC Sample Results

Client: Carmona Resources Job ID: 880-35636-1 SDG: Eddy County, New Mexico Project/Site: Hadar 10 Fed Com 4H

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

Lab Sample ID: LCSD 880-66739/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA **Analysis Batch: 66683** Prep Batch: 66739

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

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

Lab Sample ID: 880-35634-A-21-B MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Total/NA Analysis Batch: 66683 Prep Batch: 66739

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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

Lab Sample ID: 880-35634-A-21-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 66683 Prep Batch: 66739

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	MSD	MSD	
Surrogate	%Recovery	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 Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 66788 Prep Batch: 66779 мв мв

Result Qualifier MDL Unit Prepared <50.0 U 50.0 mg/Kg 11/11/23 21:05 11/12/23 23:33 Gasoline Range Organics (GRO)-C6-C10

Client: Carmona Resources Job ID: 880-35636-1 SDG: Eddy County, New Mexico Project/Site: Hadar 10 Fed Com 4H

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

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

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		11/11/23 21:05	11/12/23 23:33	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/23 21:05	11/12/23 23:33	1

MB MB

Surrogate	%Recovery 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

Client Sample ID: Lab Control Sample

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

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

LCS LCS

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

Lab Sample ID: LCSD 880-66779/3-A

Matrix: Solid Analysis Batch: 66788 Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA

Prep Batch: 66779

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

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

Lab Sample ID: 880-35634-A-21-F MS

Matrix: Solid

Analysis Batch: 66788

Client Sample ID: Matrix Spike

Prep Type: Total/NA Prep Batch: 66779

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

C10-C28)

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

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)

Client Sample ID: Matrix Spike Duplicate

Lab Sample ID: 880-35634-A-21-G MSD **Matrix: Solid**

Prep Type: Total/NA

Analysis Batch: 66788

Prep Batch: 66779

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<49.6	U	1010	913.8		mg/Kg		91	70 - 130	3	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	58.5		1010	1089		mg/Kg		102	70 - 130	0	20	
0.40, 0.00)												

C10-C28)

MSD MSD

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-66921/1-A Client Sample ID: Method Blank

Prep Type: Soluble

Matrix: Solid

Analysis Batch: 67060

MB MB

Prepared Analyzed Dil Fac

MDL Unit Result Qualifier RL Analyte Chloride <5.00 5.00 11/15/23 16:37 mg/Kg

Lab Sample ID: LCS 880-66921/2-A **Client Sample ID: Lab Control Sample Matrix: Solid**

Analysis Batch: 67060

Prep Type: Soluble

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

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

Analysis Batch: 67060

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

Lab Sample ID: 880-35636-6 MS Client Sample ID: S-4 (0-1') **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 67060

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

Lab Sample ID: 880-35636-6 MSD Client Sample ID: S-4 (0-1') **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 67060

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Client Sample ID: Method Blank

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

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

Analyte

Chloride

Prep Type: Soluble

MB MB Dil Fac Result Qualifier RL MDL Unit D Prepared Analyzed <5.00 U 5.00 mg/Kg 11/15/23 19:55

Lab Sample ID: LCS 880-66922/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 67101

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

Lab Sample ID: LCSD 880-66922/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 67101

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 251.2 mg/Kg 100 90 - 110

Lab Sample ID: 880-35635-A-1-D MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 67101

Spike MS MS Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier %Rec Unit Limits Chloride 153 F1 251 313.1 F1 90 - 110 mg/Kg

Lab Sample ID: 880-35635-A-1-E MSD

Matrix: Solid

Analysis Batch: 67101

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 153 F1 251 312.7 F1 mg/Kg 64 90 - 110 0 20

QC Association Summary

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

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	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

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	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

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

Eurofins Midland

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Client: Carmona Resources Job ID: 880-35636-1 Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1') Date Collected: 11/08/23 00:00

Lab Sample ID: 880-35636-1

Matrix: Solid

Date Received: 11/10/23 13:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 11/08/23 00:00 **Matrix: Solid**

Date Received: 11/10/23 13:35

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.02 g 5 mL 66739 11/10/23 15:06 MNR EET MID Total/NA 8021B 5 mL **EET MID** Analysis 1 5 mL 66683 11/12/23 01:30 MNR Total/NA Total BTEX 66859 11/12/23 01:30 Analysis SM **EET MID** 1 Total/NA Analysis 8015 NM 66883 11/13/23 08:10 SM **EET MID** Total/NA 9.98 g 66779 Prep 8015NM Prep 10 mL 11/11/23 21:05 TKC **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 66788 11/13/23 08:10 SM **EET MID** Soluble SA Leach DI Leach 5.05 g 50 mL 66922 11/14/23 08:21 EET MID Soluble Analysis 300.0 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 Date Collected: 11/08/23 00:00

Date Received: 11/10/23 13:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Matrix: Solid

Released to Imaging: 8/1/2025 11:29:52 AM

Project/Site: Hadar 10 Fed Com 4H

Lab Sample ID: 880-35636-4

Client Sample ID: S-3 (0-1') Date Collected: 11/08/23 00:00 Date Received: 11/10/23 13:35

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-35636-5

Client Sample ID: S-3 (1.5') Date Collected: 11/08/23 00:00

Date Received: 11/10/23 13:35

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-35636-7 Client Sample ID: S-4 (1.5')

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Lab Chronicle

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-35636-7

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Midland

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Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-35636-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
• •	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H Job ID: 880-35636-1

SDG: Eddy County, New Mexico

Protocol	Laboratory
SW846	EET MID
TAL SOP	EET MID
SW846	EET MID
SW846	EET MID
EPA	EET MID

Method **Method Description** 8021B Volatile Organic Compounds (GC) Total BTEX Calculation Total BTEX 8015 NM Diesel Range Organics (DRO) (GC) 8015B NM Diesel Range Organics (DRO) (GC) 300.0 Anions, Ion Chromatography 5035 SW846 **EET MID** Closed System Purge and Trap 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

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State of Project:	205 E Bender Rd #150	Address	310 W Wall St Ste 500	Address.
Program: UST/PST PRP Irownfields RC Iper	Devon Energy	Company Name	Company Name Carmona Resources	Company Name
Work Order Comments	Dale Woodall	Bill to (if different)	Conner Moehring	Project Manager Conner Moehnne
Page1of				

und 🗆

Phone

City State ZIP

Sampler's Name.

roject Location

Work Order

eceived Intact:

otal Containers

Project Number

roject Name

880-35636 Chain of Custody	

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-35636-1

SDG Number: Eddy County, New Mexico

Login Number: 35636

List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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	N/A	

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<6mm (1/4").

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

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 12/22/2023 2:34:13 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 9

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

Qualifiers

GC	VOA
Qua	lifier

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.

Qualifier Description

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.
n	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)

Relative Percent Difference, a measure of the relative difference between two points

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RPD

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

Job ID: 880-37027-1

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Job ID: 880-37027-1

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 reanalysis 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.

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Case Narrative

Client: Carmona Resources Job ID: 880-37027-1

Project: Hadar 10 Fed Com 4H

Job ID: 880-37027-1 (Continued)

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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.

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Job ID: 880-37027-1

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Lab Sample ID: 880-37027-1 Client Sample ID: T-1 (0-1.0')

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.0497	U	0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	2
Toluene	0.131		0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	2
Ethylbenzene	0.970		0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	2
m-Xylene & p-Xylene	1.12		0.0994		mg/Kg		12/18/23 09:46	12/21/23 08:13	2
o-Xylene	0.734		0.0497		mg/Kg		12/18/23 09:46	12/21/23 08:13	2
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 Fa
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				12/18/23 09:46	12/21/23 08:13	2
1,4-Difluorobenzene (Surr)	90		70 - 130				12/18/23 09:46	12/21/23 08:13	2
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	2.96		0.0994		mg/Kg			12/21/23 08:13	
Method: SW846 8015 NM - Diese Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH			49.8	WIDE	mg/Kg			12/18/23 13:40	Diria
-									
Marker de ONIO 40 CO4 ED NICE DE									
Method: SW846 8015B NM - Die:	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	(GC)	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics		Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared 12/15/23 22:40	Analyzed 12/18/23 13:40	
Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier U	RL	MDL		<u>D</u>	<u>.</u>		Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8	Qualifier U	RL 49.8	MDL	mg/Kg	<u>D</u>	12/15/23 22:40	12/18/23 13:40	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8	Qualifier U	RL 49.8	MDL	mg/Kg	<u>D</u>	12/15/23 22:40	12/18/23 13:40	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.8	Qualifier U U U	RL 49.8 49.8	MDL	mg/Kg	<u>D</u>	12/15/23 22:40 12/15/23 22:40	12/18/23 13:40 12/18/23 13:40	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 49.8 <49.8 <49.8	Qualifier U U U	RL 49.8 49.8 49.8	MDL	mg/Kg	<u> </u>	12/15/23 22:40 12/15/23 22:40 12/15/23 22:40	12/18/23 13:40 12/18/23 13:40 12/18/23 13:40	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.8 <49.8 <49.8 <49.8 <49.8 %Recovery	Qualifier U U U	49.8 49.8 49.8 <i>Limits</i>	MDL	mg/Kg	<u>D</u>	12/15/23 22:40 12/15/23 22:40 12/15/23 22:40 Prepared	12/18/23 13:40 12/18/23 13:40 12/18/23 13:40 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier	RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg	<u>D</u>	12/15/23 22:40 12/15/23 22:40 12/15/23 22:40 Prepared 12/15/23 22:40	12/18/23 13:40 12/18/23 13:40 12/18/23 13:40 12/18/23 13:40 Analyzed 12/18/23 13:40	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion Analyte	Result	Qualifier U U Qualifier	RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg	<u>D</u>	12/15/23 22:40 12/15/23 22:40 12/15/23 22:40 Prepared 12/15/23 22:40	12/18/23 13:40 12/18/23 13:40 12/18/23 13:40 12/18/23 13:40 Analyzed 12/18/23 13:40	Dil Fac

Client Sample ID: T-1 (1.5') Lab Sample ID: 880-37027-2

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

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

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Matrix: Solid

Job ID: 880-37027-1

SDG: Eddy County, New Mexico

Client Sample ID: T-1 (1.5')

Project/Site: Hadar 10 Fed Com 4H

Client: Carmona Resources

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

12/18/23 18:12

Matrix: Solid

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 - Dies	el Range Organ	ics (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 - Die	esel Range Orga	nics (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
OII 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, Io	n Chromatogran	hv - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: T-1 (2.0')

Date Collected: 12/14/23 00:00

Lab Sample ID: 880-37027-3

Matrix: Solid

25.1

mg/Kg

909

Date Received: 12/15/23 14:08

Chloride

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 DTEV Cale	letien							
Analyte			DI	MDI	Unit	_			
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401		0.00401	MIDL	mg/Kg	b	Prepared	Analyzed 12/21/23 05:30	Dil Fac
	<0.00401	U	0.00401	MDL		D	Prepared		Dil Fac
Total BTEX	<0.00401 sel Range Organ	U	0.00401	MDL	mg/Kg	D	Prepared Prepared		Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - Die	<0.00401 sel Range Organ	ics (DRO) (Qualifier	0.00401 GC)		mg/Kg		<u> </u>	12/21/23 05:30	1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	<0.00401 sel Range Organ Result <49.7	ics (DRO) (0.00401 GC) RL 49.7		mg/Kg		<u> </u>	12/21/23 05:30 Analyzed	1
Total BTEX Method: SW846 8015 NM - Die Analyte	<0.00401 sel Range Organ Result <49.7 iesel Range Orga	ics (DRO) (0.00401 GC) RL 49.7		mg/Kg		<u> </u>	12/21/23 05:30 Analyzed	1

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(GRO)-C6-C10

Client: Carmona Resources

Job ID: 880-37027-1

SDG: Eddy County, New Mexico Project/Site: Hadar 10 Fed Com 4H

Client Sample ID: T-1 (2.0') Lab Sample ID: 880-37027-3 Date Collected: 12/14/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		12/15/23 22:40	12/18/23 15:10	1
C10-C28)									
Oll 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 C	hromatograph	ny - 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 Date Collected: 12/14/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

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 Cald	culation							
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 - Die	esel Range Organ	ics (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 - D	iesel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0		50.0		ma/Ka		12/15/23 22:40	12/18/23 15:32	

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

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Dil Fac

Analyzed

12/18/23 18:22

RL

5.00

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

470

Analyte

Chloride

Job ID: 880-37027-1

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Client Sample ID: T-1 (4.0') Lab Sample ID: 880-37027-5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 06:11	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:46	12/21/23 06:11	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:46	12/21/23 06:11	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		70 - 130				12/18/23 09:46	12/21/23 06:11	
1,4-Difluorobenzene (Surr)	105		70 - 130				12/18/23 09:46	12/21/23 06:11	
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 06:11	
Method: SW846 8015 NM - Diese Analyte		ics (DRO) (Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.3	U	50.3		mg/Kg			12/18/23 15:53	•
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg	_	12/15/23 22:40	12/18/23 15:53	
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/15/23 22:40	12/18/23 15:53	
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 22:40	12/18/23 15:53	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	109	_	70 - 130				12/15/23 22:40	12/18/23 15:53	
o-Terphenyl	113		70 - 130				12/15/23 22:40	12/18/23 15:53	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
		O 110							B.: E
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Client Sample ID: T-2 (0-1.0') Lab Sample ID: 880-37027-6

Date Collected: 12/14/23 00:00 **Matrix: Solid**

Method: SW846 8021B - Volati	ile Organic Comp	ounds (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

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mg/Kg

Date Received: 12/15/23 14:08

Released to Imaging: 8/1/2025 11:29:52 AM

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 Date Collected: 12/14/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

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 - Diese	el Range Organ	ics (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 - Dies Analyte	• •	nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 16:14	1
(GRO)-C6-C10									1
(GRO)-C6-C10 Diesel Range Organics (Over	<50.1 <50.1		50.1		mg/Kg mg/Kg		12/15/23 22:40 12/15/23 22:40	12/18/23 16:14 12/18/23 16:14	1
(GRO)-C6-C10		U							1 1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 16:14	1 1 1 Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.1 <50.1	U	50.1 50.1		mg/Kg		12/15/23 22:40 12/15/23 22:40	12/18/23 16:14 12/18/23 16:14	1 1 1 1 Dil Fac

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 341 4.97 12/18/23 18:31 Chloride mg/Kg Client Sample ID: T-2 (1.5') Lab Sample ID: 880-37027-7

Date Collected: 12/14/23 00:00

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 06:51	
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:46	12/21/23 06:51	•
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) Method: TAL SOP Total BTEX Analyte			70 ₋ 130 RL	MDL	Unit	D	12/18/23 09:46 Prepared	12/21/23 06:51 Analyzed	
		culation	70 - 130				12/18/23 09:46	12/21/23 06:51	1
	- Total BTEX Cald	Qualifier	70 - 130 RL 0.00402	MDL	Unit mg/Kg	<u>D</u>	12/18/23 09:46 Prepared	Analyzed 12/21/23 06:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00402	Qualifier U	RL 0.00402	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U	RL 0.00402	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL		mg/Kg		Prepared	Analyzed 12/21/23 06:51	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ Result <50.5	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 50.5		mg/Kg		Prepared	Analyzed 12/21/23 06:51 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00402 esel Range Organ Result <50.5 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 50.5		mg/Kg Unit mg/Kg		Prepared	Analyzed 12/21/23 06:51 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die Method: S	- Total BTEX Calc Result <0.00402 esel Range Organ Result <50.5 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00402 GC) RL 50.5	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/21/23 06:51 Analyzed 12/18/23 16:37	Dil Fac

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Matrix: Solid

Job ID: 880-37027-1

Client: Carmona Resources

Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Lab Sample ID: 880-37027-7

Client Sample ID: T-2 (1.5')

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

Matrix: Solid

Method: SW846 8015B NM - Diesel	Range Orga	nics (DRO)) (GC) (Continued)					
Analyte	Result	Qualifier	RL MDL	Unit	D	Prepared	Analyzed	Dil F
Oll Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		12/15/23 22:40	12/18/23 16:37	
Surrogate	%Recovery	Qualifier	l imits			Prenared	Analyzed	Dil F

Dil Fac Surrogate 70 - 130 12/15/23 22:40 1-Chlorooctane 115 12/18/23 16:37 o-Terphenyl 114 70 - 130 12/15/23 22:40 12/18/23 16:37

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier RL MDL Dil Fac Analyte Unit D Prepared Analyzed 339 4.98 12/18/23 18:36 Chloride mg/Kg

Client Sample ID: T-2 (2.0') Lab Sample ID: 880-37027-8

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

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00201 U 0.00201 12/18/23 09:46 12/21/23 07:12 mg/Kg Toluene <0.00201 U 0.00201 12/18/23 09:46 12/21/23 07:12 mg/Kg Ethylbenzene <0.00201 0.00201 12/18/23 09:46 12/21/23 07:12 mg/Kg m-Xylene & p-Xylene 12/18/23 09:46 12/21/23 07:12 <0.00402 U 0.00402 mg/Kg o-Xylene <0.00201 U 0.00201 mg/Kg 12/18/23 09:46 12/21/23 07:12 Xylenes, Total <0.00402 U 0.00402 mg/Kg 12/18/23 09:46 12/21/23 07:12 %Recovery Surrogate Qualifier Limits Prepared Analyzed 70 - 130 101 12/21/23 07:12

Dil Fac 4-Bromofluorobenzene (Surr) 12/18/23 09:46 109 1,4-Difluorobenzene (Surr) 70 - 130 12/18/23 09:46 12/21/23 07:12

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

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier MDL RL Unit D Prepared Analyzed Dil Fac Total TPH <49.7 U 49.7 12/18/23 16:58 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL MDL Unit Prepared Analyzed Dil Fac <49.7 U 49.7 12/15/23 22:40 12/18/23 16:58 Gasoline Range Organics mg/Kg

(GRO)-C6-C10 12/15/23 22:40 12/18/23 16:58 Diesel Range Organics (Over <49.7 U 49.7 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.7 U 49.7 mg/Kg 12/15/23 22:40 12/18/23 16:58 Surrogate %Recovery Qualifier Limits Prepared Analyzed

Dil Fac 1-Chlorooctane 124 70 - 130 12/15/23 22:40 12/18/23 16:58 12/15/23 22:40 o-Terphenyl 128 70 - 130 12/18/23 16:58

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL RL Unit Prepared Analyzed Dil Fac Chloride 5.01 12/18/23 18:41 402 mg/Kg

Date Received: 12/15/23 14:08

Job ID: 880-37027-1

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Lab Sample ID: 880-37027-9 Client Sample ID: T-2 (3.0') Date Collected: 12/14/23 00:00 Matrix: Solid

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 Dun marfly and have a new (O. 1991)			70 100				10/10/00 00 10	40/04/00 07 00	

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	al BTEX Cald	culation							
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 Rang	ge Organ	ics (DRO) ((GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/K	g		12/18/23 17:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 17:21	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 17:21	1
C10-C28)									
Oll 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 C	hromatography - Solub	le							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	147	4 97		ma/Ka			12/18/23 22:09	1	

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

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

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Released to Imaging: 8/1/2025 11:29:52 AM

Matrix: Solid

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

14.3

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

Lab Sample ID: 880-37027-10

Client Sample ID: T-2 (4.0') Date Collected: 12/14/23 00:00

Matrix: Solid

12/18/23 22:24

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal BTEX	<0.00396	U	0.00396		mg/Kg			12/21/23 07:53	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal TPH	<50.0	U	50.0		mg/Kg			12/18/23 17:45	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 17:45	
GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 22:40	12/18/23 17:45	•
C10-C28)									
Oll 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
-Chlorooctane	110		70 - 130				12/15/23 22:40	12/18/23 17:45	
a-Terphenyl	110		70 - 130				12/15/23 22:40	12/18/23 17:45	:

5.02 Client Sample ID: T-3 (0-1.0') Lab Sample ID: 880-37027-11

mg/Kg

Date Collected: 12/14/23 00:00

Chloride

Date Received: 12/15/23 14:08

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
4.4.000	108		70 - 130				12/20/23 11:11	12/21/23 22:56	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX - Analyte	Total BTEX Cald	culation Qualifier	70 - 130 RL	MDL	Unit	D			
• ' '		culation	70 - 130				12/20/25 11.11	12/21/20 22:00	·
• ' '	Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/21/23 22:56	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result <0.00396	Qualifier U	RL 0.00396	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result < 0.00396 sel Range Organ	Qualifier U	RL 0.00396			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc Result < 0.00396 sel Range Organ	Qualifier U	RL 0.00396		mg/Kg		Prepared	Analyzed 12/21/23 22:56	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result <0.00396 sel Range Organ Result 64.5	Qualifier U ics (DRO) (RL 0.00396 GC) RL 50.2		mg/Kg		Prepared	Analyzed 12/21/23 22:56 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result <0.00396 sel Range Organ Result 64.5 esel Range Orga	Qualifier U ics (DRO) (RL 0.00396 GC) RL 50.2	MDL	mg/Kg		Prepared	Analyzed 12/21/23 22:56 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Dies	Total BTEX Calc Result <0.00396 sel Range Organ Result 64.5 esel Range Orga	Qualifier U ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00396 GC) RL 50.2 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/21/23 22:56 Analyzed 12/18/23 18:29	Dil Fac

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Released to Imaging: 8/1/2025 11:29:52 AM

Job ID: 880-37027-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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

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 Date Collected: 12/14/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	
Toluene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:16	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:16	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:16	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	97		70 - 130				12/20/23 11:11	12/21/23 23:16	
1,4-Difluorobenzene (Surr)	103		70 - 130				12/20/23 11:11	12/21/23 23:16	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 23:16	
			•	MDI	Unit		Drangrad	Analyzad	Dil Ea
Method: SW846 8015 NM - Diese Analyte	Result	ics (DRO) (Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed 12/18/23 18:51	
Analyte Total TPH	Result 102	Qualifier	RL 50.3	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/18/23 18:51	
Analyte Total TPH Method: SW846 8015B NM - Dies	Result 102	Qualifier nics (DRO)	RL 50.3		mg/Kg			12/18/23 18:51	
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte	Result 102 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 50.3 (GC)		mg/Kg	<u>D</u>	Prepared	12/18/23 18:51 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result 102	Qualifier nics (DRO) Qualifier	RL 50.3		mg/Kg			12/18/23 18:51	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 102 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 50.3 (GC)		mg/Kg		Prepared	12/18/23 18:51 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 102 sel Range Orga Result < 50.3	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3		mg/Kg Unit mg/Kg		Prepared 12/15/23 22:40	12/18/23 18:51 Analyzed 12/18/23 18:51	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 102 sel Range Orga Result < 50.3 102	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:40 12/15/23 22:40	12/18/23 18:51 Analyzed 12/18/23 18:51 12/18/23 18:51	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 102	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:40 12/15/23 22:40 12/15/23 22:40	Analyzed 12/18/23 18:51 12/18/23 18:51 12/18/23 18:51 12/18/23 18:51	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result 102 sel Range Orga Result <50.3 102 <50.3 %Recovery	Qualifier nics (DRO) Qualifier U	RL 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:40 12/15/23 22:40 12/15/23 22:40 Prepared	Analyzed 12/18/23 18:51 Analyzed 12/18/23 18:51 12/18/23 18:51 12/18/23 18:51 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result 102	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3 50.3 50.3 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:40 12/15/23 22:40 12/15/23 22:40 Prepared 12/15/23 22:40	12/18/23 18:51 Analyzed 12/18/23 18:51 12/18/23 18:51 12/18/23 18:51 Analyzed 12/18/23 18:51	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result 102	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3 50.3 50.3 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:40 12/15/23 22:40 12/15/23 22:40 Prepared 12/15/23 22:40	12/18/23 18:51 Analyzed 12/18/23 18:51 12/18/23 18:51 12/18/23 18:51 Analyzed 12/18/23 18:51	Dil Fa

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

Lab Sample ID: 880-37027-13 Client Sample ID: T-3 (2.0')

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

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	
Toluene	< 0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	,
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:36	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/20/23 11:11	12/21/23 23:36	,
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/20/23 11:11	12/21/23 23:36	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				12/20/23 11:11	12/21/23 23:36	
1,4-Difluorobenzene (Surr)	105		70 - 130				12/20/23 11:11	12/21/23 23:36	•
Method: TAL SOP Total BTEX - 1	Γotal BTEX Cal	culation							
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	
Analyte		Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	<50.1		50.1	WIDE	mg/Kg	=	Перагеи	12/18/23 19:13	
: Method: SW846 8015B NM - Dies	aal Banga Orga	nice (DBO)	(CC)						
Analyte	•	Qualifier	(GC)	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics			50.1	WIDE	mg/Kg	=	12/15/23 22:40	12/18/23 19:13	Dilla
(GRO)-C6-C10	100.1	O	30.1		mg/rtg		12/10/20 22.40	12/10/20 10:10	
Diesel Range Organics (Over	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 19:13	
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:40	12/18/23 19:13	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
	113		70 - 130				12/15/23 22:40	12/18/23 19:13	
1-Chlorooctane	113								
1-Chlorooctane o-Terphenyl	113		70 - 130				12/15/23 22:40	12/18/23 19:13	:
o-Terphenyl	113	ohy - Solubl					12/15/23 22:40	12/18/23 19:13	•
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion Analyte	113	ohy - Solubl Qualifier		MDL	Unit	D	12/15/23 22:40 Prepared	12/18/23 19:13 Analyzed	Dil Fac

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

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

Job ID: 880-37027-1

SDG: Eddy County, New Mexico

12/18/23 22:53

Matrix: Solid

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

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 Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 19:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 19:35	1
C10-C28)									
Oll 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	Chromatogran	hv - Solubl	•						
Analyte	• •	Qualifier	RL RL		Unit	D	Prepared	Analyzed	Dil Fac

49.5 Client Sample ID: T-3 (4.0') Lab Sample ID: 880-37027-15

mg/Kg

1510

Date Collected: 12/14/23 00:00

Chloride

Date Received: 12/15/23 14:08

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
	405		70 400				12/20/23 11:11	12/22/23 00:17	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 ₋ 130 RL	MDL	Unit	D	Prepared	Analyzed	
Method: TAL SOP Total BTEX	- Total BTEX Cald			MDI	Unit	n			
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U	RL 0.00402		mg/Kg		Prepared	Analyzed 12/22/23 00:17	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	 - Total BTEX Calc Result <0.00402 esel Range Organ Result 	Qualifier U ics (DRO) (Qualifier	RL 0.00402	MDL MDL	mg/Kg	<u>D</u>		Analyzed 12/22/23 00:17 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00402		mg/Kg		Prepared	Analyzed 12/22/23 00:17	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	esel Range Organ Result Result color: red;	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————		mg/Kg		Prepared	Analyzed 12/22/23 00:17 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	esel Range Organ Result Condesel Range Organ Result Condesel Range Organ	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————	MDL	mg/Kg		Prepared	Analyzed 12/22/23 00:17 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Method: S	esel Range Organ Result Condesel Range Organ Result Condesel Range Organ	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00402 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/22/23 00:17 Analyzed 12/18/23 19:57	Dil Fac

Dil Fac

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')

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

Matrix: Solid

Analyzed

12/18/23 19:57

Method: SW846 8015B NM - Diesel	Range Orga	nics (DRO) (0	GC) (Continued	d)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:40	

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 0	Chromatograp	hy - 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

Date Collected: 12/14/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volat	ile Organic Comp	ounds (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 - Tot	al BTEX Cald	ulation							
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 F	Range Organi	cs (DRO) (G	C)						
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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		12/15/23 22:40	12/18/23 20:19	1
(GRO)-C6-C10									
Diesel Range Organics (Over	82.7		49.9		mg/Kg		12/15/23 22:40	12/18/23 20:19	1
C10-C28)									
Oll 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-Terphenvl	111		70 - 130				12/15/23 22:40	12/18/23 20:19	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Solub	ole						
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	755	25.3		mg/Kg			12/18/23 23:03	5

Job ID: 880-37027-1

Client: Carmona Resources SDG: Eddy County, New Mexico Project/Site: Hadar 10 Fed Com 4H

Client Sample ID: T-3 (6.0')

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

Lab Sample ID: 880-37027-17

Matrix: Solid

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

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

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 12/18/23 20:41 mg/Kg

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

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

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

1,4-Difluorobenzene (Surr)

Lab Sample ID: 880-37027-18

12/20/23 11:11

Matrix: Solid

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

70 - 130

Eurofins Midland

12/22/23 01:18

108

Client: Carmona Resources

Job ID: 880-37027-1

D

Prepared

Project/Site: Hadar 10 Fed Com 4H 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

Analyzed

12/18/23 21:02

Method: TAL SOP Total BTEX - To	tal BTEX Calc	culation						
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) Result Qualifier RL MDL Unit Analyte D

Prepared Analyzed Dil Fac Total TPH <49.6 U 49.6 12/18/23 21:02 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Analyte <49.6 U 49.6 Gasoline Range Organics mg/Kg

12/15/23 22:40 (GRO)-C6-C10 49.6 Diesel Range Organics (Over <49.6 U mg/Kg 12/15/23 22:40 12/18/23 21:02 C10-C28) OII Range Organics (Over C28-C36) <49.6 U 49.6 mg/Kg 12/15/23 22:40 12/18/23 21:02

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit D Prepared Analyzed Dil Fac

25.1 Chloride 3700 mg/Kg 12/18/23 23:13 Client Sample ID: T-4 (1.5') Lab Sample ID: 880-37027-19

Date Collected: 12/14/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

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) Method: TAL SOP Total BTEX -	Total BTEX Calc	culation	70 - 130				12/20/23 11:11	12/22/23 01:39	
Method: TAL SOP Total BTEX - Analyte	Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	12/20/23 11:11 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL	Unit mg/Kg	<u> </u>			
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result < 0.00398 sel Range Organ	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	·
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result < 0.00398 sel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg	<u> </u>	Prepared	Analyzed 12/22/23 01:39	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result <0.00398 sel Range Organ Result <50.2	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 50.2		mg/Kg	<u> </u>	Prepared	Analyzed 12/22/23 01:39 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Dies	Total BTEX Calc Result <0.00398 sel Range Organ Result <50.2 sesel Range Organ	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 50.2	MDL	mg/Kg	<u> </u>	Prepared	Analyzed 12/22/23 01:39 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result <0.00398 sel Range Organ Result <50.2 sesel Range Organ	Qualifier U ics (DRO) (Qualifier U inics (DRO) Qualifier	RL 0.00398 GC) RL 50.2	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 12/22/23 01:39 Analyzed 12/18/23 21:24	Dil Fac

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Dil Fac

Job ID: 880-37027-1

SDG: Eddy County, New Mexico

Project/Site: Hadar 10 Fed Com 4H Client Sample ID: T-4 (1.5')

Client: Carmona Resources

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

Matrix: Solid

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 21:46	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 21:46	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:40	12/18/23 21:46	1

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
Mothod: EDA 200 0 An	iono Ion Chromotograph	v. Colubia			

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: Carmona Resources Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H 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

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

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 12/17/23 00:48 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <49.9 U Gasoline Range Organics 49.9 12/15/23 22:47 12/17/23 00:48 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 49.9 12/15/23 22:47 12/17/23 00:48 mg/Kg C10-C28) OII Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 12/15/23 22:47 12/17/23 00:48 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 143 S1+ 70 - 130 12/15/23 22:47 12/17/23 00:48 153 S1+ 70 - 130 12/15/23 22:47 12/17/23 00:48 o-Terphenyl

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 470 5.01 12/18/23 23:37 mg/Kg

Client Sample ID: T-4 (4.0') Lab Sample ID: 880-37027-22 Date Collected: 12/14/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

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

Job ID: 880-37027-1

Project/Site: Hadar 10 Fed Com 4H

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

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 - Diese	I Range Organ	ics (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 - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:09	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:09	1
C10-C28)									
Oll 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	Chromatograp	hy - Solubl	e						
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

Job ID: 880-37027-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-37027-1	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	
380-37027-18	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	
380-37027-22	T-4 (4.0')	82	81	
380-37031-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	
380-37053-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	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid	Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
		1CO1	OTPH1					
Lab Sample ID	Client Sample ID	(70-130)	(70-130)					
880-37027-1	T-1 (0-1.0')	100	102					

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13

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)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(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	
380-37027-18	T-4 (0-1.0')	118	120	
380-37027-19	T-4 (1.5')	109	111	
380-37027-20	T-4 (2.0')	122	126	
880-37027-21	T-4 (3.0')	143 S1+	153 S1+	
380-37027-22	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	
_CSD 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

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

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

	MB	MB							
Analyte	Result	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

MB MB

Surrogate	%Recovery	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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery 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

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

Surrogate	%Recovery	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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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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-G MSD

Analysis Batch: 69272

Lab Sample ID: 880-37031-A-1-F MS Client Sample ID: Matrix Spike **Matrix: Solid**

Prep Type: Total/NA Prep Batch: 69289

	Sample	Sample	Бріке	INIO	IVIS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

MS MS

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

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 69289

Analysis Batch: 69272

Matrix: Solid

Sample Sample Spike MSD MSD RPD Result Qualifier Added Limits RPD Limit Analyte Result Qualifier Unit %Rec <0.00202 U F1 F2 0.101 0.2203 F1 F2 219 Benzene mg/Kg 70 - 130 98 35 Toluene <0.00202 U 0.101 0.08507 70 - 130 mg/Kg 84 11 35 Ethylbenzene <0.00202 UF1F2 0.101 0.1809 F1 F2 mg/Kg 179 70 - 130 68 35 <0.00403 U F1 F2 0.202 0.6505 F1 F2 323 70 - 130 113 35 m-Xylene & p-Xylene mq/Kq 0.101 o-Xylene <0.00202 U F1 F2 0.6911 E F1 F2 686 70 - 130 156 mg/Kg

MSD MSD

Surrogate	%Recovery	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

Matrix: Solid

Analysis Batch: 69481

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69290

MD MD

ı		IVID	IVID							
	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 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
I	m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 09:46	12/21/23 04:40	1
I	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

MB MB

Surrogate	%Recovery	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

Matrix: Solid

Analysis Batch: 69481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69290

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

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

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 LCS LCS

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

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

Lab Sample ID: LCSD 880-69290/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 69481 Prep Batch: 69290

Spike LCSD LCSD Analyte Added Result Qualifier Unit %Rec Limits **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 35 0.100 0.08477 85 70 - 130 o-Xylene mg/Kg

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

Lab Sample ID: 880-37027-2 MS Client Sample ID: T-1 (1.5')

Matrix: Solid Prep Type: Total/NA Analysis Batch: 69481 Prep Batch: 69290 Sample Sample Child Me Me % Pac

	Sample	Sample	Spike	IVIO	IVIO				/onec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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

Client Sample ID: T-1 (1.5') Lab Sample ID: 880-37027-2 MSD

Matrix: Solid

Analysis Batch: 69481 Prep Batch: 69290

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

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Prep Type: Total/NA

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

MSD MSD

Surrogate	%Recovery 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

MB MB

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

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/20/23 11:0	5 12/20/23 17:06	1
1,4-Difluorobenzene (Surr)	116		70 - 130	12/20/23 11:0	5 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

мв мв

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 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

мв мв

Surrogate	%Recovery	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

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Matrix: Solid

Analysis Batch: 69587

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

Prep Batch: 69454

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H 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

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69454

Lab Sample ID: LCSD 880-69454/2-A **Matrix: Solid**

Analysis Batch: 69587

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

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

Lab Sample ID: 880-37053-A-5-B MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 69587 Prep Batch: 69454

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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

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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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	

MSD MSD

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

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

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

Lab Sample ID: MB 880-69257/1-A

Matrix: Solid Analysis Batch: 69264 Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 69257

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Gasoline Range Organics <50.0 U 50.0 mg/Kg 12/15/23 22:40 12/18/23 12:34 (GRO)-C6-C10 Diesel Range Organics (Over 50.0 12/15/23 22:40 12/18/23 12:34 <50.0 U mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 12/15/23 22:40 12/18/23 12:34 MB MB

MB MB

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

Client Sample ID: Lab Control Sample

Matrix: Solid

Lab Sample ID: LCS 880-69257/2-A

Analysis Batch: 69264

Prep Type: Total/NA Prep Batch: 69257 LCS LCS Spike %Rec

LCSD LCSD

959.8

957.4

Result Qualifier

Unit

mg/Kg

mg/Kg

D

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

C10-C28)

Analyte

(GRO)-C6-C10

LCS LCS %Recovery Qualifier Limits Surrogate 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

Spike

Added

1000

1000

Matrix: Solid

Gasoline Range Organics

Analysis Batch: 69264

Prep Type: Total/NA Prep Batch: 69257

70 - 130

96

%Rec RPD RPD Limit %Rec Limits 96 70 - 130 20

5

20

Diesel Range Organics (Over C10-C28) LCSD LCSD

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

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

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

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

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

Lab Sample ID: 880-37027-2 MSD Client Sample ID: T-1 (1.5')

Matrix: Solid

Analysis Batch: 69264

Prep Type: Total/NA

Prep Batch: 69257

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit 115 F1 1000 843.4 73 70 - 1309 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 940.7 F1 5 893 F1 mg/Kg 70 - 13020 C10-C28)

MSD MSD

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

Lab Sample ID: MB 880-69258/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 69261

Prep Type: Total/NA

Prep Batch: 69258

MB MB MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 12/15/23 22:46 12/16/23 20:02 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 12/15/23 22:46 12/16/23 20:02 C10-C28) 50.0 OII Range Organics (Over C28-C36) <50.0 U 12/15/23 22:46 12/16/23 20:02 mg/Kg

MB MB

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

Lab Sample ID: LCS 880-69258/2-A

Matrix: Solid

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Analysis Batch: 69261

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

Prep Batch: 69258

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

C10-C28)

LCS LCS

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

Job ID: 880-37027-1

SDG: Eddy County, New Mexico

Project/Site: Hadar 10 Fed Com 4H

Client: Carmona Resources

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

Lab Sample ID: LCSD 880-69258/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 69261 Prep Batch: 69258

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

C10-C28)

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

Lab Sample ID: 880-37028-A-61-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 69261

Spike MS MS %Rec Sample Sample

Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.9 U F1 F2 1010 Gasoline Range Organics 435.7 F1 mg/Kg 42 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U F1 F2 1010 444.4 F1 mg/Kg 40 70 - 130

C10-C28)

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

Lab Sample ID: 880-37028-A-61-D MSD

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 69261 Prep Batch: 69258

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit <49.9 U F1 F2 1010 862.0 F2 84 Gasoline Range Organics 70 - 130 20 mg/Kg 66 (GRO)-C6-C10 1010 885.6 F2 84 70 - 130 Diesel Range Organics (Over <49.9 U F1 F2 mg/Kg 66 20

C10-C28)

o-Terphenyl

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69239/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69309

MB MB Analyte Result Qualifier RL MDL Dil Fac Unit D Prepared Analyzed Chloride <5.00 U 5.00 12/18/23 16:16 mg/Kg

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Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

Prep Batch: 69258

Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H Job ID: 880-37027-1

Client Sample ID: Lab Control Sample

SDG: Eddy County, New Mexico

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-69239/2-A

Analysis Batch: 69309

Matrix: Solid

Spike LCS LCS %Rec Analyte Added Result Qualifier %Rec Limits Unit 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

Spike LCSD LCSD %Rec RPD Added Analyte Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 257.2 mg/Kg 103 90 - 110

Lab Sample ID: 880-37026-A-9-B MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69309

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 7.20 258.2 251 mg/Kg 100 90 - 110

Lab Sample ID: 880-37026-A-9-C MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69309

MSD MSD RPD Spike %Rec Sample Sample Added Limit Analyte Result Qualifier Result Qualifier Unit %Rec Limits RPD Chloride 7.20 251 252.9 90 - 110 20 mg/Kg

Lab Sample ID: MB 880-69276/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69318

MR MR

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 5.00 Chloride <5.00 U mg/Kg 12/18/23 21:55

Lab Sample ID: LCS 880-69276/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69318

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %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 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69318

LCSD LCSD %Rec RPD Spike Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Chloride 250 260.6 mg/Kg 104 90 - 110 20

Lab Sample ID: 880-37027-9 MS Client Sample ID: T-2 (3.0')

Matrix: Solid

Analysis Batch: 69318

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	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	147		249	400.0		mg/Kg		102	90 - 110	

Eurofins Midland

Prep Type: Soluble

Lab Sample ID: 880-37027-9 MSD

Matrix: Solid

Analysis Batch: 69318

QC Sample Results

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

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: T-2 (3.0')

Prep Type: Soluble

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier Analyte Unit %Rec Limits RPD Limit Chloride 147 249 393.2 mg/Kg 90 - 110

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-37027-19 MS **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69318

Sample Sample Spike MS MS %Rec Result Qualifier Added Limits Analyte Result Qualifier Unit D %Rec Chloride 966 F1 249 1182 F1 mg/Kg 87 90 - 110

Lab Sample ID: 880-37027-19 MSD Client Sample ID: T-4 (1.5')

Matrix: Solid Prep Type: Soluble Analysis Batch: 69318

Sample Sample MSD MSD %Rec RPD Spike

Analyte Result Qualifier Added Result Qualifier Unit Limits **RPD** Limit Chloride 966 F1 249 1173 F1 90 - 110 20 mg/Kg

Client: Carmona Resources

Job ID: 880-37027-1

Project/Site: Hadar 10 Fed Com 4H

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 Batcl
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	

Eurofins Midland

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Client: Carmona Resources Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H 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

Client: Carmona Resources Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H 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 Bato
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	

Client: Carmona Resources Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H 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	

Client: Carmona Resources Job ID: 880-37027-1 Project/Site: Hadar 10 Fed Com 4H 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 Batc
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	

Client: Carmona Resources

Job ID: 880-37027-1

Project/Site: Hadar 10 Fed Com 4H

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

Eurofins Midland

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Eurolins Midian

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

Lab Sample ID: 880-37027-1

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-37027-2

Client Sample ID: T-1 (1.5') Date Collected: 12/14/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	FET MIC

Client Sample ID: T-1 (2.0') Lab Sample ID: 880-37027-3

Date Collected: 12/14/23 00:00 Date Received: 12/15/23 14:08 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 12/14/23 00:00 Date Received: 12/15/23 14:08 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Client: Carmona Resources

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Client Sample ID: T-1 (3.0')

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

Matrix: Solid

Job ID: 880-37027-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-37027-5

Client Sample ID: T-1 (4.0')
Date Collected: 12/14/23 00:00

Date Received: 12/15/23 14:08

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69290	12/18/23 09:46	MNR	EET MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/21/23 06:11	MNR	EET MIC
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 MIC
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69264	12/18/23 15:53	SM	EET MIC
Soluble	Leach	DI Leach			4.97 g	50 mL	69239	12/15/23 15:28	SMC	EET MIC
Soluble	Analysis	300.0		1			69309	12/18/23 18:27	CH	EET MID

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

Date Collected: 12/14/23 00:00

Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-6

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 12/14/23 00:00

Date Received: 12/15/23 14:08

Lab Sample ID: 880-37027-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Midland

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Client: Carmona Resources

Project/Site: Hadar 10 Fed Com 4H

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

SDG. Eddy County, New Mexico

Client Sample ID: T-2 (1.5')

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

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 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	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	СН	EET MID
Soluble	Analysis	300.0		1			69318	12/18/23 22:24	CH	EET MID

Eurofins Midland

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Matrix: Solid

Client: Carmona Resources

Date Collected: 12/14/23 00:00

Date Received: 12/15/23 14:08

Project/Site: Hadar 10 Fed Com 4H Client Sample ID: T-3 (0-1.0') Job ID: 880-37027-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-37027-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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

Project/Site: Hadar 10 Fed Com 4H

Lab Sample ID: 880-37027-14

Client Sample ID: T-3 (3.0') Date Collected: 12/14/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID
Soluble	Analysis	300.0		10			69318	12/18/23 22:53	CH	EET MID

Lab Sample ID: 880-37027-15

Date Collected: 12/14/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Client Sample ID: T-3 (4.0')

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	EET MID
Soluble	Analysis	300.0		5			69318	12/18/23 23:03	CH	EET MID

Lab Sample ID: 880-37027-17 Client Sample ID: T-3 (6.0')

Date Collected: 12/14/23 00:00 Date Received: 12/15/23 14:08 **Matrix: Solid**

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.04 g 1 uL	10 mL 1 uL	69257 69264	12/15/23 22:40 12/18/23 20:41	TKC SM	EET MID EET MID

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-37027-18

Lab Sample ID: 880-37027-19

Client: Carmona Resources

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

Client Sample ID: T-3 (6.0')

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Midland

Lab Sample ID: 880-37027-20 **Matrix: Solid** Client: Carmona Resources

Project/Site: Hadar 10 Fed Com 4H

Client Sample ID: T-4 (3.0')

Date Collected: 12/14/23 00:00

Date Received: 12/15/23 14:08

Job ID: 880-37027-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-37027-21

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	СН	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

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.05 g 5 mL 69289 12/18/23 09:42 MNR EET MID 8021B Total/NA 5 mL 12/18/23 14:56 **EET MID** Analysis 1 5 mL 69272 MNR Total/NA Total BTEX 69378 12/18/23 14:56 Analysis 1 AJ **EET MID** Total/NA Analysis 8015 NM 69323 12/17/23 01:09 SM **EET MID** Prep 69258 Total/NA 8015NM Prep 9.96 g 10 mL 12/15/23 22:47 TKC **EET MID** Total/NA Analysis 8015B NM 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 69318 12/18/23 23:51 СН **EET MID**

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-37027-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELAF)	T104704400-23-26	06-30-24
The following analytes	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency do	oes not offer certification.			
for which the agency do	oes not offer certification . Prep Method	Matrix	Analyte	
ů ,		Matrix Solid	Analyte Total TPH	

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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

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Project Manager	Conner Moehring			Bill to (if different)	nt)	Dale Woodal	oodall							Work Or	Work Order Comments	ants	
Company Name	Carmona Resources			Company Name	ne	Devon	Devon Energy					rogram	UST/PST	PRP	Program: UST/PST PRP Irownfields PRC		Inperfund
Address	310 W Wall St Ste 500			Address		205 E I	205 E Bender Rd #150	(d #150			<u>.,</u>	State of Project:	roject] :]		_	2
City, State ZIP	Midland, TX 79701			City, State ZIP		Hobbs,	Hobbs, New Mexico	xico			<u> </u>	eporting	Level II	Reporting Level II Level III ST/UST		RRP	☐Level IV
Phone	432-813-6823		Email	Email Dale.Woodall@dev.com	ill@dev cc							Deliverables	es EDD		ADaPT		
Project Name	Hadar 10 Fed Com 4H	m 4H	Turn	Turn Around		_			<	MALYSI	ANALYSIS REQUEST	ST			å	Preservative Codes	- Codes
Project Number	2175		✓ Routine	Rush	Pres, Code		-	_	<u> </u>	\vdash		\vdash			None NO	101	Di Water: H ₂ O
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Company Name	Carmona Resources			Company Name	-	Devon Energy	эrgy				Progra	Program: UST/PST	: -	Prownfields	elds \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Piperfund	
Address	310 W Wall St Ste 500			Address.		205 E Ber	205 E Bender Rd #150	30			State	State of Project:]]]		
City, State ZIP	Midland, TX 79701			City, State ZIP		Hobbs, New Mexico	w Mexico				Report	Reporting Level II Level III	Level	I DST/UST	ST DRRP	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Phone	432-813-6823		Email	Email Dale Woodall@dev.com	@dev.com						Delive	Deliverables EDD		ADaPT		ər.	
Project Name	Hadar 10 Fed Com 4H	4H	Turn	Turn Around					ANALYSIS REQUEST	IS REC	UEST				Preser	Preservative Codes	
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Project Location	Eddy County, New Mexico	exico	Due Date							\vdash			L		1000	HCeM) N
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Address 31	310 W Wall St Ste 500		,	Address		205 E Ber	205 E Bender Rd #150	0			State o	State of Project:	:]]
City, State ZIP Mic	Midland, TX 79701		_1	City, State ZIP		Hobbs, Ne	Hobbs, New Mexico			Γ	Reportir	ig Level II	Reporting Level II Level III	□\st/ust	RRP	☐ ☐Level IV	
Phone 43:	432-813-6823		Email	Email Dale.Woodall@dev com	dev com						Deliverables	ibles EDD		ADaPT			
Project Name	Hadar 10 Fed Com 4H	om 4H	Turn /	Turn Around				4	ANALYSIS REQUEST	IS REO	UEST				Draeon	Draeomatine Codes	1
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Project Location	Eddy County, New Mexico	Mexico	Due Date						\vdash	ig					2 -		2
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Comments Email to	Comments Email to Mike Carnona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	nona@carmonar	esources.com	and Conner N	loehring /	Cmoehr	ing@carm	onaresoui	ces.co	E							F
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-37027-1

SDG Number: Eddy County, New Mexico

List Source: Eurofins Midland

List Number: 1

Login Number: 37027

Creator: Rodriguez, Leticia

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

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12/22/2023

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

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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440

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Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H Laboratory Job ID: 880-35635-1 SDG: Eddy County, New Mexico

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Definitions/Glossary

Job ID: 880-35635-1 Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Qualifiers

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G	b	v	u	А

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.

Qualifier Description

GC Semi VOA

Qualifier

*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 Percent Recovery %R CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid Duplicate Error Ratio (normalized absolute difference) DER Dil Fac **Dilution Factor**

DL, RA, RE, IN DLC

DL

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry)

Detection Limit (DoD/DOE)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit 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 **Quality Control**

Relative Error Ratio (Radiochemistry) RER

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) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources

Job ID: 880-35635-1

Project/Site: Hadar 10 Fed Com 4H

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 $3.2^{\circ}C$

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

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

Job ID: 880-35635-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-35635-1

Matrix: Solid

Client Sample ID: H-1 (0-0.5') Date Collected: 11/08/23 00:00

Date Received: 11/10/23 13:35

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 Cald	culation							
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 - Dies	el Range Organ	ics (DRO) (GC)		9/. 19				
Method: SW846 8015 NM - Dies Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier	•	MDL		<u>D</u>	Prepared		Dil Fac
Analyte	Result <49.5	Qualifier U	RL 49.5	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die	Result <49.5	Qualifier U	RL 49.5		Unit	<u>D</u>	Prepared Prepared	Analyzed	1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte	Result <49.5	Qualifier U nics (DRO) Qualifier	RL 49.5		Unit mg/Kg			Analyzed 11/12/23 23:26	1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <49.5 esel Range Orga Result	Qualifier U nics (DRO) Qualifier	RL 49.5 (GC)		Unit mg/Kg Unit		Prepared	Analyzed 11/12/23 23:26 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.5 esel Range Orga Result	Qualifier U nics (DRO) Qualifier U	RL 49.5 (GC)		Unit mg/Kg Unit		Prepared	Analyzed 11/12/23 23:26 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.5 esel Range Orga Result <49.5 <49.5	Qualifier U nics (DRO) Qualifier U	RL 49.5 (GC) RL 49.5 49.5		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 11/10/23 15:01 11/10/23 15:01	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26 11/12/23 23:26	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.5 esel Range Orga Result <49.5	Qualifier U nics (DRO) Qualifier U	RL 49.5 (GC) RL 49.5		Unit mg/Kg Unit mg/Kg		Prepared 11/10/23 15:01	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <49.5	Qualifier U nics (DRO) Qualifier U U	RL 49.5 (GC) RL 49.5 49.5 49.5 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 11/10/23 15:01 11/10/23 15:01 11/10/23 15:01 Prepared	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26 11/12/23 23:26 11/12/23 23:26 Analyzed	1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.5	Qualifier U nics (DRO) Qualifier U U	RL 49.5 (GC) RL 49.5 49.5 49.5		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 11/10/23 15:01 11/10/23 15:01 11/10/23 15:01	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26 11/12/23 23:26 11/12/23 23:26	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.5	Qualifier U nics (DRO) Qualifier U U	RL 49.5 (GC) RL 49.5 49.5 49.5 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 11/10/23 15:01 11/10/23 15:01 11/10/23 15:01 Prepared	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26 11/12/23 23:26 11/12/23 23:26 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <49.5	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 49.5 (GC) RL 49.5 49.5 49.5 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 11/10/23 15:01 11/10/23 15:01 11/10/23 15:01 Prepared 11/10/23 15:01	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26 11/12/23 23:26 11/12/23 23:26 Analyzed 11/12/23 23:26	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <49.5 esel Range Orga Result <49.5 <49.5 <49.5 %Recovery 81 85 n Chromatograp	Qualifier U nics (DRO) Qualifier U U Qualifier	RL 49.5 (GC) RL 49.5 49.5 49.5 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 11/10/23 15:01 11/10/23 15:01 11/10/23 15:01 Prepared 11/10/23 15:01	Analyzed 11/12/23 23:26 Analyzed 11/12/23 23:26 11/12/23 23:26 11/12/23 23:26 Analyzed 11/12/23 23:26	Dil Fac

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-35635-2 Date Collected: 11/08/23 00:00 **Matrix: Solid**

Date Received: 11/10/23 13:35

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: 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

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 Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.6	U	49.6		mg/Kg		11/10/23 15:01	11/12/23 23:51	1
(GRO)-C6-C10									
Diesel Range Organics (Over	100		49.6		mg/Kg		11/10/23 15:01	11/12/23 23:51	1
C10-C28)									
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	Chromatograp	hy - Solubl	e						
Analyte	• .	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		5.03		mg/Kg			11/15/23 20:29	1

Lab Sample ID: 880-35635-3 **Client Sample ID: H-3 (0-0.5') Matrix: Solid**

Date Collected: 11/08/23 00:00

Date Received: 11/10/23 13:35

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
4 4 5 77 4 40 1	105		70 - 130				11/13/23 14:41	11/14/23 06:55	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	- Total BTEX Cald								,
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed	,
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Cald Result <0.00399	Qualifier U	RL 0.00399	MDL	Unit mg/Kg	<u>D</u>			•
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald Result <0.00399 esel Range Organ	Qualifier U	RL 0.00399			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Cald Result <0.00399 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00399		mg/Kg		Prepared	Analyzed 11/14/23 06:55	Dil Fac Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Cald Result <0.00399 esel Range Organ Result <50.5	Qualifier U ics (DRO) (Qualifier U	RL 0.00399 GC) RL 50.5		mg/Kg		Prepared	Analyzed 11/14/23 06:55 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Cald Result <0.00399 esel Range Organ Result <50.5	Qualifier U ics (DRO) (Qualifier U	RL 0.00399 GC) RL 50.5	MDL	mg/Kg		Prepared	Analyzed 11/14/23 06:55 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Cald Result <0.00399 esel Range Organ Result <50.5	Qualifier U ics (DRO) (Qualifier U inics (DRO) Qualifier	RL 0.00399 GC) RL 50.5	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 11/14/23 06:55 Analyzed 11/15/23 20:25	Dil Fac

Job ID: 880-35635-1

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

SDG: Eddy County, New Mexico

Lab Sample ID: 880-35635-3

Matrix: Solid

Client Sample ID: H-3 (0-0.5') Date Collected: 11/08/23 00:00

Date	Received:	11/10/23	13:35

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll 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

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')

Date Collected: 11/08/23 00:00

Date Received: 11/10/23 13:35

Lab Sample ID:	880-35635-4
	Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	
Toluene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		11/13/23 14:41	11/14/23 07:16	
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/13/23 14:41	11/14/23 07:16	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/13/23 14:41	11/14/23 07:16	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	84		70 - 130				11/13/23 14:41	11/14/23 07:16	
1,4-Difluorobenzene (Surr)	99		70 - 130				11/13/23 14:41	11/14/23 07:16	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/14/23 07:16	
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Total TPH	Result 61.3	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 11/15/23 20:50	Dil Fa
Total TPH	61.3	<u>-i</u>	RL 49.8	MDL		<u>D</u>	Prepared		Dil Fa
Total TPH Method: SW846 8015B NM - Dies	61.3	nics (DRO)	RL 49.8 (GC)		mg/Kg			11/15/23 20:50	
Total TPH Method: SW846 8015B NM - Dies Analyte	61.3 sel Range Orga Result	nics (DRO) Qualifier	(GC)		mg/Kg	<u>D</u>	Prepared	11/15/23 20:50 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	61.3 sel Range Orga	nics (DRO) Qualifier	RL 49.8 (GC)		mg/Kg			11/15/23 20:50	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte	61.3 sel Range Orga Result	nics (DRO) Qualifier U *1	(GC)		mg/Kg		Prepared	11/15/23 20:50 Analyzed	
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	61.3 sel Range Orga Result <49.8	nics (DRO) Qualifier U *1	(GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 11/11/23 21:08	11/15/23 20:50 Analyzed 11/15/23 20:50	
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	61.3 sel Range Orga Result <49.8	nics (DRO) Qualifier U*1	(GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 11/11/23 21:08	11/15/23 20:50 Analyzed 11/15/23 20:50	
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <49.8 61.3	nics (DRO) Qualifier U*1 *1	RL 49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:08 11/11/23 21:08	11/15/23 20:50 Analyzed 11/15/23 20:50 11/15/23 20:50	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	sel Range Orga Result <49.8 61.3 <49.8 %Recovery	nics (DRO) Qualifier U*1 *1	RL 49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:08 11/11/23 21:08 11/11/23 21:08	Analyzed 11/15/23 20:50 Analyzed 11/15/23 20:50 11/15/23 20:50 11/15/23 20:50	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	61.3 sel Range Orga Result <49.8 61.3 <49.8 %Recovery 57	nics (DRO) Qualifier U*1 *1 U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:08 11/11/23 21:08 11/11/23 21:08 Prepared	Analyzed 11/15/23 20:50 Analyzed 11/15/23 20:50 11/15/23 20:50 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	61.3 sel Range Orga Result <49.8 61.3 <49.8 %Recovery 57 46	Qualifier U*1 U Qualifier S1- S1-	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:08 11/11/23 21:08 11/11/23 21:08 Prepared 11/11/23 21:08	Analyzed 11/15/23 20:50 Analyzed 11/15/23 20:50 11/15/23 20:50 Analyzed 11/15/23 20:50	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	61.3 sel Range Orga Result <49.8 61.3 <49.8 %Recovery 57 46 Chromatograp	Qualifier U*1 U Qualifier S1- S1-	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 11/11/23 21:08 11/11/23 21:08 11/11/23 21:08 Prepared 11/11/23 21:08	Analyzed 11/15/23 20:50 Analyzed 11/15/23 20:50 11/15/23 20:50 Analyzed 11/15/23 20:50	Dil Fa

Surrogate Summary

Client: Carmona Resources Job ID: 880-35635-1 Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
380-35635-1	H-1 (0-0.5')	97	92	
380-35635-2	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	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
30-35635-1	H-1 (0-0.5')	81	85	
30-35635-2	H-2 (0-0.5')	79	81	
80-35635-3	H-3 (0-0.5')	88	75	
0-35635-4	H-4 (0-0.5')	57 S1-	46 S1-	
80-35638-A-1-E MS	Matrix Spike	81	61 S1-	
0-35638-A-1-F MSD	Matrix Spike Duplicate	116	87	
0-5575-A-10-D MS	Matrix Spike	80	73	
)-5575-A-10-E MSD	Matrix Spike Duplicate	78	76	
CS 880-66717/2-A	Lab Control Sample	104	120	
S 880-66780/2-A	Lab Control Sample	75	75	
SD 880-66717/3-A	Lab Control Sample Dup	99	104	
SD 880-66780/3-A	Lab Control Sample Dup	103	106	
3 880-66717/1-A	Method Blank	81	90	
3 880-66780/1-A	Method Blank	122	110	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 880-35635-1 Client: Carmona Resources Project/Site: Hadar 10 Fed Com 4H 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

	MB	MB							
Analyte	Result	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

MB MB

MR MR

<0.00200 U

Result Qualifier

MD MD

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70	70 - 130	11/13/23 08:4	0 11/13/23 15:21	1
1,4-Difluorobenzene (Surr)	102	70 - 130	11/13/23 08:4	0 11/13/23 15:21	1

Lab Sample ID: MB 880-66874/5-A

Matrix: Solid

Analyte

Benzene

Analysis Batch: 66807

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

Analyzed

11/14/23 02:04

Prepared

11/13/23 14:41

Prep Batch: 66874

Dil Fac

Toluene <0.00200 U 0.00200 mg/Kg 11/13/23 14:41 11/14/23 02:04 Ethylbenzene <0.00200 U 0.00200 mg/Kg 11/13/23 14:41 11/14/23 02:04 m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 11/13/23 14:41 11/14/23 02:04 11/14/23 02:04 o-Xylene <0.00200 U 0.00200 mg/Kg 11/13/23 14:41 Xylenes, Total <0.00400 U 0.00400 11/13/23 14:41 11/14/23 02:04 mg/Kg

0.00200

RL

MDL Unit

mg/Kg

MB MB

Surrogate	%Recovery	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

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %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 0.200 m-Xylene & p-Xylene 0.2522 mg/Kg 126 70 - 130 70 - 130 0.100 o-Xylene 0.1216 mg/Kg 122

LCS LCS

Surrogate	%Recovery 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
	Date of Taxable Taxable I/NIA

Prep Type: Total/NA

Prep Batch: 66874

	Spike	LCSD LCSD				70KeC		KPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1166	mg/Kg		117	70 - 130	7	35

LCCD LCCD

Chiles

Eurofins Midland

QC Sample Results

Client: Carmona Resources Job ID: 880-35635-1 Project/Site: Hadar 10 Fed Com 4H 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 LCSD LCSD Snike

	Орис		LOOD				/01 1CC		IXI D
nalyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
luene	0.100	0.1038		mg/Kg		104	70 - 130	10	35
hylbenzene	0.100	0.1032		mg/Kg		103	70 - 130	14	35
-Xylene & p-Xylene	0.200	0.2643	*+	mg/Kg		132	70 - 130	5	35
Xylene	0.100	0.1256		mg/Kg		126	70 - 130	3	35
	luene nylbenzene Xylene & p-Xylene	value Added duene 0.100 nylbenzene 0.100 Xylene & p-Xylene 0.200	Madded value Added value Result value Julius 0.100 0.1038 hylbenzene 0.100 0.1032 Xylene & p-Xylene 0.200 0.2643	Added value Result value Qualifier Juene 0.100 0.1038 hylbenzene 0.100 0.1032 Xylene & p-Xylene 0.200 0.2643 *+	Added value Result value Qualifier value Unit value duene 0.100 0.1038 mg/Kg nylbenzene 0.100 0.1032 mg/Kg Xylene & p-Xylene 0.200 0.2643 *+ mg/Kg	Added Result valifier Qualifier Unit D June 0.100 0.1038 mg/Kg hylbenzene 0.100 0.1032 mg/Kg Xylene & p-Xylene 0.200 0.2643 *+ mg/Kg	Added Result qualifier Unit D %Rec Juene 0.100 0.1038 mg/Kg 104 hylbenzene 0.100 0.1032 mg/Kg 103 Xylene & p-Xylene 0.200 0.2643 *+ mg/Kg 132	Added Result Qualifier Unit D %Rec Mec Limits Juene 0.100 0.1038 mg/Kg 104 70 - 130 hylbenzene 0.100 0.1032 mg/Kg 103 70 - 130 Xylene & p-Xylene 0.200 0.2643 *+ mg/Kg 132 70 - 130	Added value Result value Qualifier value Unit value D %Rec value Limits value RPD value uene 0.100 0.1038 mg/Kg 104 70 - 130 10 nylbenzene 0.100 0.1032 mg/Kg 103 70 - 130 14 Xylene & p-Xylene 0.200 0.2643 *+ mg/Kg 132 70 - 130 5

LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 127 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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS Qualifier Surrogate %Recovery Limits 70 - 130 4-Bromofluorobenzene (Surr) 108 70 - 130 1,4-Difluorobenzene (Surr) 116

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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD %Recovery Qualifier Limits Surrogate 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 мв мв

Result Qualifier MDL Unit Prepared Gasoline Range Organics <50.0 U 50.0 11/10/23 13:21 11/12/23 08:51 mg/Kg (GRO)-C6-C10

Client: Carmona Resources Job ID: 880-35635-1 Project/Site: Hadar 10 Fed Com 4H SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-66717/1-A **Matrix: Solid**

Lab Sample ID: LCS 880-66717/2-A

Matrix: Solid

Analysis Batch: 66782

Analysis Batch: 66782

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

Prep Batch: 66717

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		11/10/23 13:21	11/12/23 08:51	1
C10-C28)								
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/10/23 13:21	11/12/23 08:51	1

MB MB

MB MB

Surrogate	%Recovery	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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 66717

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 970.4 97 70 - 130 mg/Kg (GRO)-C6-C10 1000 1045 Diesel Range Organics (Over mg/Kg 104 70 - 130C10-C28)

LCS LCS

Surrogate	%Recovery	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

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier %Rec Limits RPD Limit Unit D Gasoline Range Organics 1000 988.9 mg/Kg 99 70 - 130 2 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1020 mg/Kg 102 70 - 130 2 20 C10-C28)

LCSD LCSD Surrogate %Recovery 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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.5	U F1	1010	709.0		mg/Kg		70	70 - 130	_
Diesel Range Organics (Over	<49.5	U	1010	767.7		mg/Kg		74	70 - 130	

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	80		70 - 130
o-Terphenyl	73		70 - 130

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

Matrix: Solid

Analysis Batch: 66782

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 66717

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.5	U F1	1010	692.9	F1	mg/Kg		69	70 - 130	2	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.5	U	1010	786.4		mg/Kg		76	70 - 130	2	20
C10-C28)											

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	76		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 66780

Lab Sample ID: MB 880-66780/1-A

Matrix: Solid

Analysis Batch: 67014

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		11/11/23 21:08	11/15/23 10:41	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		11/11/23 21:08	11/15/23 10:41	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/23 21:08	11/15/23 10:41	1

MB MB

Surrogate	%Recovery	Qualifier Limi	ts	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

Matrix: Solid

Analysis Batch: 67014

Client	Sample	ID: I	Lab	Control	Sample
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Prep Type: Total/NA

Prep Batch: 66780

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	918.6		mg/Kg		92	70 - 130	
Diesel Range Organics (Over	1000	822.9		mg/Kg		82	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	75		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 67014

Lab Sample ID: LCSD 880-66780/3-A

Prep Type: Total/NA Prep Batch: 66780

Tananyono Battom on the									
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1162	*1	mg/Kg		116	70 - 130	23	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1027	*1	mg/Kg		103	70 - 130	22	20
C10-C28)									

Job ID: 880-35635-1

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

LCSD LCSD %Recovery Qualifier Limits 103 70 - 130 106 70 - 130

Lab Sample ID: 880-35638-A-1-E MS Client Sample ID: Matrix Spike

Surrogate

o-Terphenyl

1-Chlorooctane

Matrix: Solid Prep Type: Total/NA Analysis Batch: 67014 Prep Batch: 66780

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.9 U *1 F2 1000 955.2 93 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 827.6 <49.9 U*1 mg/Kg 79 70 - 130C10-C28)

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 1-Chlorooctane 81 61 S1-70 - 130 o-Terphenyl

Lab Sample ID: 880-35638-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 67014

Prep Type: Total/NA Prep Batch: 66780

MSD MSD RPD Sample Sample Spike Analyte Result Qualifier hahhA Result Qualifier Unit %Rec I imits RPD Limit D Gasoline Range Organics <49.9 U *1 F2 1000 1227 F2 mg/Kg 120 70 - 130 25 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U *1 1000 1006 mg/Kg 96 70 - 130 19 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 116 o-Terphenyl 70 - 130 87

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-66922/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 67101

MB MB MDL Unit Dil Fac Analyte Result Qualifier RL D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 11/15/23 19:55

Lab Sample ID: LCS 880-66922/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 67101

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

Lab Sample ID: LCSD 880-66922/3-A

QC Sample Results

Client: Carmona Resources Job ID: 880-35635-1 SDG: Eddy County, New Mexico Project/Site: Hadar 10 Fed Com 4H

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analysis Batch: 67101

Matrix: Solid

Matrix: Solid

Matrix: Solid

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 251.2 mg/Kg 100 90 - 110

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

Prep Type: Soluble

Analysis Batch: 67101

Lab Sample ID: 880-35635-1 MS

Lab Sample ID: 880-35635-1 MSD

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 153 F1 251 313.1 F1 mg/Kg 64 90 - 110

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

Prep Type: Soluble

Analysis Batch: 67101

MSD MSD %Rec RPD Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit Limits **RPD** Limit Chloride 153 F1 251 312.7 F1 90 - 110 20 mg/Kg

QC Association Summary

Client: Carmona Resources

Job ID: 880-35635-1

Project/Site: Hadar 10 Fed Com 4H

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	

Eurofins Midland

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QC Association Summary

Client: Carmona Resources

Job ID: 880-35635-1

Project/Site: Hadar 10 Fed Com 4H

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

Eurofins Midland

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QC Association Summary

Client: Carmona Resources

Job ID: 880-35635-1

Project/Site: Hadar 10 Fed Com 4H

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

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

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 11/08/23 00:00 Matrix: Solid

Date Received: 11/10/23 13:35

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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

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	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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Matrix: Solid

mile midiane

Matrix: Solid

Lab Chronicle

Client: Carmona Resources

Job ID: 880-35635-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-35635-1

Project/Site: Hadar 10 Fed Com 4H

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA	Р	T104704400-23-26	06-30-24
• ,	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	st may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Carmona Resources Project/Site: 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

Vo 880-35635 Chain of Custody 11/16/2023

1338		Transmit	1 1	1/ /07						
# 171 AS			1 1	1/-1/				1		
										/
Date/Time	Received by (Signature)	Rec	ime	Date/Time			y (Signature)	Relinquished by (Signature)		
		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	hring@car	ring / Cmo	nd Conner Moeh	esources.com a	na@carmonar	na / Mcarmo	o Mike Carmo	Comments: Email (
			×	1 ×	G	×		11/8/2023	5')	H-4 (0-0 5')
			×	1 ×	G	×		11/8/2023	5')	H-3 (0-0 5')
			×	1 ×	G	×		11/8/2023	5')	H-2 (0-0 5')
			×	1 ×	G	×		11/8/2023	5')	H-1 (0-0 5')
Sample Comments			TPI	# of Cont	₽ 5	Soil	Time	Date	fication	Sample Identification
NaOH+Ascorbic Acid SAPC			1 801		3.70	erature	Corrected Temperature			Total Containers.
Zn Acetate+NaOH Zn				B1	2 ()	ading	Temperature Reading	No N/A	Yes	Sample Custody Seals
Nasso, Nasso			GR(Pa	770	7	Correction Factor	No N/A	Yes	Cooler Custody Seals
Nation Nation					- 1.		Thermometer ID		(Yes/	Received Intact:
•				B	Yes (No)	Wet Ice	Yes No	Ema Blank.		SAMPLE RECEIPT
H-SO: H- NaOH No			+ M	8) /			21247412		Work Order
			RO)					ML		Sampler's Name.
				lone		Due Date	/lexico	Eddy County, New Mexico	Eddy C	Project Location
1				Pres.	à l	マ Routine		2175		Project Number
Prospryative Codes	UEST	ANALYSIS REQUEST			round	Turn Around	n 4H	Hadar 10 Fed Com 4H	Hada	Project Name
ADaPT Other	Deliverables EDD			.com	Dale.Woodall@dev.com	Email [432-813-6823	Phone
III ST/UST RRP Level IV	Reporting Level II Level III ST/UST		Hobbs New Mexico	Hobbs	City, State ZIP	C		701	Midland, TX 79701	City, State ZIP N
	State of Project:	150	205 E Bender Rd #150	205 E	Address	A		Ste 500	310 W Wall St Ste 500	Address.
	Program: UST/PST DRP Drownfields RC		Devon Energy	Devon	Company Name:	C		ırces	Carmona Resources	Name
Work Order Comments	Work		Dale Woodall	Dale V	Bill to (if different)	В		ij	Conner Moehring	Project Manager
- Ago										╛

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-35635-1

SDG Number: Eddy County, New Mexico

Login Number: 35635 List Source: Eurofins Midland

List Number: 1 Creator: Rodriguez, Leticia

Question Answer Comment The cooler's custody seal, if present, is intact. N/A N/A Sample custody seals, if present, are intact. The cooler or samples do not appear to have been compromised or True tampered with. Samples were received on ice. True True Cooler Temperature is acceptable. 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 True HTs) 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

True

N/A

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MS/MSDs

<6mm (1/4").

There is sufficient vol. for all requested analyses, incl. any requested

Containers requiring zero headspace have no headspace or bubble is



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/ga/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.

Celey D. Keene

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



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025 Reported: 03/31/2025

HADAR 10 FEDERAL COM 4H

Project Name: HADA Project Number: 2175

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/24/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (2') (H251722-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.5	% 40.6-15	3						

Applyand By 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 03/25/2025 Reported: 03/31/2025 Sampling Date: 03/24/2025 Sampling Type: Soil

Project Name:

HADAR 10 FEDERAL COM 4H Sampling Condition:

Applyzod By: 14

Project Number: 2175

Cool & Intact Sample Received By: Tamara Oldaker

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

Sample ID: CS - 2 (2') (H251722-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.3	% 40.6-15	3						

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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 Reported: 03/31/2025 Sampling Date: 03/24/2025

Project Name: HADAR 10 FEDERAL COM 4H Sampling Type: Soil

Project Number: 2175 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.9	% 40.6-15	3						

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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 Reported:

Sampling Date: 03/24/2025 03/31/2025 Sampling Type: Soil

Project Name: Project Number:

HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact Sample Received By: 2175 Tamara Oldaker

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

Sample ID: CS - 4 (2') (H251722-04)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.6	% 40.6-15	3						

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Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025 Reported:

Sampling Date: 03/24/2025 03/31/2025 Sampling Type: Soil HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact

Sample Received By:

Project Number: 2175

Project Name:

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

Sample ID: CS - 5 (2') (H251722-05)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.3	% 40.6-15	3						

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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 Project Name: HADAR 10 FEDERAL COM 4H Sampling Type: Soil

Project Number: 2175 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.6	% 40.6-15	3						

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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 Reported: 03/31/2025

HADAR 10 FEDERAL COM 4H

Project Name: HADA Project Number: 2175

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/24/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (2') (H251722-07)

BTEX 8021B	mg,	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	ed 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	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	79.1	% 40.6-15	3						

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03/24/2025

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 03/25/2025 Reported:

03/31/2025 Sampling Type: Soil

Project Name: Project Number:

HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker 2175

Sampling Date:

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

Sample ID: CS - 8 (1.5') (H251722-08)

BTEX 8021B

	9/	9	7	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.3	% 40.6-15	3						

Analyzed By: JH

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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 9	% 71.5-13	4						
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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.1	% 40.6-15	3						

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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 Reported: 03/31/2025

 03/25/2025
 Sampling Date:
 03/24/2025

 03/31/2025
 Sampling Type:
 Soil

Project Name: HADA Project Number: 2175

HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact
2175 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sample ID: SW - 1 (2') (H251722-10)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.8	% 40.6-15	3						

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03/24/2025

Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025 Reported:

03/31/2025 Sampling Type: Soil HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: Project Number: 2175

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

79.9 %

40.6-153

Sample ID: SW - 2 (2') (H251722-11)

BTEX 8021B

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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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					

Analyzed By: JH

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Surrogate: 1-Chlorooctadecane



03/24/2025

Soil

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025

03/25/2025 Sampling Date: 03/31/2025 Sampling Type:

Applyzod By: 14

Project Name: HADAR 10 FEDERAL COM 4H

HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact
2175 Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sample ID: SW - 3 (2') (H251722-12)

Reported:

RTFY 8021R

Project Number:

BIEX 8021B	mg,	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	54.4	% 40.6-15	3						

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Tamara Oldaker

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025 Reported:

Sampling Date: 03/24/2025 03/31/2025 Sampling Type: Soil HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact

Sample Received By:

Project Name: Project Number: 2175

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

Sample ID: SW - 4 (2') (H251722-13)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.2	% 40.6-15	3						

Applyzod By: 14

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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 Reported: 03/31/2025 Sampling Date: 03/24/2025

Project Name:

BTEX 8021B

HADAR 10 FEDERAL COM 4H

Sampling Type: Soil

Project Number:

2175

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sample ID: SW - 5 (2') (H251722-14)

	9,	9	7	7: :					
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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	64.5	% 40.6-15	3						

Analyzed By: JH

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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 Reported: 03/31/2025 Sampling Date: 03/24/2025 Sampling Type: Soil

Project Name:

BTEX 8021B

HADAR 10 FEDERAL COM 4H

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number: 2175

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sample ID: SW - 6 (2') (H251722-15)

				<u> </u>					
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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15.	3						

Analyzed By: JH

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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

03/31/2025

Sampling Date: Sampling Type: 03/24/2025

Project Name:

Reported:

RTFY 8021R

03/31/2025 HADAR 10 FEDERAL COM 4H

Sampling Condition:

Soil Cool & Intact

Project Number:

2175

Sample Received By:

Tamara Oldaker

Project Location:

DEVON - EDDY COUNTY, NEW MEXICO

Sample ID: SW - 7 (2') (H251722-16)

B1EX 8021B	mg/	кд	Anaiyze	a 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.4	% 40.6-15	3						

Applyzod By: 14

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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 Reported: 03/31/2025

03/31/2025 Sampling Type: HADAR 10 FEDERAL COM 4H Sampling Condition:

Applyzod By: 14

Project Name: HADA Project Number: 2175

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/24/2025 Sampling Type: Soil

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: SW - 8 (2') (H251722-17)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.1	% 40.6-15	3						

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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 Reported: 03/31/2025 Sampling Date: 03/24/2025 Sampling Type: Soil

Project Name:

HADAR 10 FEDERAL COM 4H

Sampling Condition: Cool & Intact

Project Number: 2175 Sample Received By:

Tamara Oldaker

DEVON - EDDY COUNTY, NEW MEXICO Project Location:

Sample ID: SW - 9 (2') (H251722-18)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.8	% 40.6-15	3						

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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 Reported: 03/31/2025 Sampling Date: 03/24/2025 Sampling Type: Soil

Project Name:

RTFY 8021R

HADAR 10 FEDERAL COM 4H

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Number:

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

2175

Sample ID: SW - 10 (2') (H251722-19)

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	62.3	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keine



03/24/2025

Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 03/25/2025 Reported:

03/31/2025 Sampling Type: Soil

Project Name: Project Number: 2175

HADAR 10 FEDERAL COM 4H Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sampling Date:

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sample ID: SW - 11 (1.5') (H251722-20)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.5	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025 Reported: 03/31/2025 Sampling Date: 03/24/2025 Sampling Type: Soil

Project Name: HADAR 10 FEDERAL COM 4H

BTEX 8021B

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Number: 2175

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

mg/kg

Sample ID: SW - 12 (1.5') (H251722-21)

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.4	% 40.6-15	3						

Analyzed By: JH

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Celeg D. Keine



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 03/25/2025 Reported:

03/31/2025 Sampling Type: HADAR 10 FEDERAL COM 4H

Project Name: Project Number: 2175

Project Location: DEVON - EDDY COUNTY, NEW MEXICO Sampling Date: 03/24/2025

Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (1.5') (H251722-22)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	57.9	% 40.6-15	3						

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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

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Celeg D. Freene

1			nments: Email	SW-1 (2")	CS-9 (1.5)	03-0(1.3)	00.1	CS-7 (2")	CS-6 (2")	CS-5 (2')	CS-4 (2")	CS-3 (2')	CS-2 (2')	CS-1 (2')	Sample Identification	lotal Containers.	Sample Custody Seals.	Cooler Custody Seals.	Received linger	SAMPLE KECEIPI		Sampler's Name.	Project Location	1000	Project Number	Project Name:	Phone: (4	City, State ZIP: M				Project Manager: C			
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Conner Moehring	Page 2 Page 2 Page 3 Page 4 Page 4 Page 4 Page 4 Page 4 Page 4 Page 5 Page 4 Page 5 Page 6 Page 6 Page 6 Page 7 Page 7 Page 7 Page 8 P						+		1	-	Soil		Date	ntification	Sample Ide	- 1
Conner Mochning	Page 2 Page 2 Page 2 Page 2 Page 2 Program: USTIPST PRT Prownfields RRC Company Name: Devon Energy City, State ZIP: Carlsbad NM, 88220 Pederal Com 4H Turn Around Feath Turn Around Program: USTIPST PRESONER 2175 ANALYSIS REQUEST Program: USTIPST PRT Prownfields RRC Codi: Codi Codi Unity, New Mexico Due Date: Mail So, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HCL: HC Land Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT Prownfields RRC Codi: Codi Codi HCL: HC HASO, it is a program: USTIPST PRT	ple Comments	Sam				PH 8		+	201	sialure.	Corrected Lembe			tal Containers:	유
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Conner Moehring	Page 2 Work Order No: Page 2 Work Order No: Page 2 Work Order Comments Page 2 Page	+NaOH: Zn	Zn Acetate			Chl	М (ВТ	300	1		Correction Factor	NA	Yes	oler Custody Seal	ò
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Conner Moehring Bill to: (if different) Jim Raley Work Order Comments Carmona Resources Company Name: Devon Energy Program: UST/PST □ PRP □ Brownfields □ RRC □ State of Project: State of Project: RRC □ PRP □ Brownfields □ RRC □ PRP □ Brownfields □ RRC □ PRP □	Chain of CUSTORY Work Order No: HSS Page 2 Page 2 Company Name: Devon Energy es 500	MeOH: Me	Cool: Cool		+	+	#	ode	0	□ Rush	Routine		2175		ject Number:	₫.
Conner Moehring Bill to: (rf different) Jim Raley Work Order Comments Carmona Resources Company Name: Devon Energy Program: UST/PST □ PRP □ Brownfields □ RRC 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr State of Project: Reporting:Level II □ Level III □ PST/UST □ RRP Midland, TX 79701 Email: jim.raley@dvn.com Carlsbad NM, 88220 Deliverables: EDD □ ADaPT □ Other.	Chain of Custody Work Order No: HSS I Page 2 Page 2 Company Name: Devon Energy Email: jim.raley@dvn.com Chain of Custody Work Order No: HSS I Page 2 Work Order Comments Work Order No: HSS I Page 2 Work Order Comments Frogram: UST/PST PRP Brownfields RRC State of Project: Reporting: Level III Le	DI Water: H	None: NO		AINALISISIALA	-	1	res.	P	round		n 4H	10 Federal Cor	Hadar	ject Name:	₫.
Conner Moehring Bill to: (rt different) Jim Ralley Work Order Comments Carmona Resources Company Name: Devon Energy Program: UST/PST □PRP Brownfields □RRC 310 W Wall St Ste 500 Address: 5315 Buena Vista Dr State of Project: Midland, TX 79701 City, State ZIP: Carlsbad NM, 88220 Reporting: Level III □	Chain of Custody Work Order No: HSS Page 2 Work Order Comments Page 2 Work Order Comments Frogram: UST/PST PRP Brownfields RRC State of Project: Address: 5315 Buena Vista Dr City, State ZIP: Carlsbad NM, 88220 Deliverables: EDD ADaPT Other.	ervative Codes	Prese	TEST	ANAL YEIG BED			$\ $	dvn.com	ım.raley@	Email:			(432) 813-6823	ine:	2
Conner Moehring Bill to: (if different) Jim Raley Work Order Comments	Chain of Custody Work Order No: HSS Page 2 Page 2 Work Order Comments Work Order Comments Program: UST/PST PRP Brownfields RRC State of Project: Address: 5315 Buena Vista Dr Bill to: (if different) Jim Raley Program: UST/PST PRP Brownfields RRC State of Project: Reporting: Level III Level III PST/UST RRP	ther.		Deliverables: EDD		00000	Span Mil	Call	AP.	City, State 2			01	Midland, TX 797	, State ZIP:	7
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		2 of	Page _	Work												
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Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmona						SW-13 (1.5')	SW-12 (1.5')	Sample Identification	Samula Ida	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:		City, State ZIP:	Address:	Company Name:	1		
il to Mike Can						(1.5)	(1.5)	Iulication	atification		als: Yes						Eddy		Hada	(432) 813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Collici Mociii	Conner Moehring	
mona / Mcarm	1					3/24/2025	3/24/2025	1	Date		No NIA	Yes No (N/A)	Yes No	Temp Blank:		JR	Eddy County, New Mexico	2175	Hadar 10 Federal Com 4H	3	9701	Ste 500	ources		ina	
ona / Mcarmona@carmona										Corrected Temperature:	Temperature Reading:	Correction Factor.	Thermometer ID:	Yes No			/lexico		m 4H							
resources.com						>	< >	<	Soil	erature:	ading:)T		Wet Ice:			Due Date:	Routine	Turn	Email:						
m and Conner						Comp	Comp	Comp	Water Grab/	345	215	40,0c	JH 140	Yes No				Rush	Turn Around	Email: jim.raley@dvn.com	City, State ZIP:	Address.	Address:	Company Name:	Bill to: (if different)	
Moehring			+		+	\sqcap	1		b/ # of		1	1,	Para	amet	ters		1	Code	Pres.	.com						
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		1			\prod				S		NaOH+	Zn Aceta	Na2S2O3	NaHSO4: NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pre				Program: UST/PST PRP Brownfields RRC	Work Order Comments	Page
									Sample Comments		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NABIS	P	2		_		Preservative Codes	Other:	RRP				w
Date/Time									omm		Acid:	H: Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	ve Co		☐ Level IV ☐	1	Luperrund	1	g



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/ga/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)

Celey D. Keene

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



Analytical Results For:

CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 03/25/2025 Reported: 03/31/2025

HADAR 10 FEDERAL COM 4H

Project Name: HADAR Project Number: 2175

Desirable antique

Project Location: DEVON - EDDY COUNTY, NEW MEXICO

Sampling Date: 03/24/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: LEA LAND PIT (H251723-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	58.8	% 40.6-15	3						

Applyand By 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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

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Celey D. Keine

man	· ·	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com							Lea Land Pit	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#.	Sampler's Name:	Project Location	Project Number:	Project Name:		City, State ZIP:	Address:	Ivallic.		Project Manager C	
		I to Mike Carm							d Pit	tification		Yes	Yes					Eddy		Hadar	(432) 813-6823	Midland, TX 79701	310 AA AABII OI OIG 300	DAD IN INCII ST	Carmona Resources	Conner Moehring	
Relinquished		iona / Mcarmo							3/24/2025	Date	,	Yes No (N/A)	A		Temp Blank:		JR	Eddy County, New Mexico	2175	Hadar 10 Federal Com 4H		701	ore and	Sto FOO	urces	ng	
Relinquished by: (Signature)		ona@carmon:									Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer II	Yes No			/lexico		om 4H							
		aresources.co							×	Soil	perature:	eading:	or.	Ö.	Wet Ice:			Due Date:	Routine	Tun	Email:						
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$\dagger \dagger \dagger$	D									Sample Comments		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	NaSO	NABIS	0		3			Preservative Codes	Other:	∐RRP ⊔				1
	Date/Time									mments		id: SAPC	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Codes		Level IV		uperrund		of 1

Page 4 of 4

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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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	or 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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 478285

QUESTIONS (con	tinuea)
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QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	OGRID: 6137 Action Number:
Oklahoma City, OK 73102	478285
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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.	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 s	afety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o led or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
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

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

Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 478285

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
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 as	ssociated 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, Page 4

Action 478285

QUESTIONS (continued)

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

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement 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.

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, Page 5

Action 478285

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 478285

QUESTIONS (continued)

40-20110110 (00111111011)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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, Page 7

Action 478285

QUESTIONS (continued)

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

Action 478285

CONDITIONS

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