



SITE INFORMATION

Closure Report
Peakview Federal Battery (01.26.2025)
Eddy County, New Mexico
Incident ID: nAPP2505043591
Unit P Sec 35 T21S R30E
32.430030°, -103.846371°

Crude Oil Release
Point of Release: Equipment Failure
Release Date: 01.26.2025
Volume Released: 9 barrels of Crude Oil
Volume Recovered: 5 barrels of Crude Oil

CARMONA RESOURCES



Prepared for: ConocoPhillips, LLC 15 West London Road Loving, New Mexico 88256

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



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July 15, 2025

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

Re: Closure Report

Peakview Federal Battery (01.26.25) Incident ID: NAPP25005043591 ConocoPhillips, LLC Site Location: Unit P, S35, T21S, R30E

(Lat 32.07806°, Long -103.99101°) Eddy County, New Mexico

Mr. Bratcher:

On behalf of ConocoPhillips, LLC (COP), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Peakview Federal Battery (01.26.25). The site is located at 32.430030, -103.846371 within Unit P, S35, T21S, R30E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 26, 2025, due to equipment failure. The incident released approximately nine (9) barrels of crude oil, with five (5) barrels of crude oil recovered. The impacted area occurred on the pad, as shown in Figure 3. The Notice of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.27 miles Northeast of the site in S36, T21S, R30E and was drilled in 1998. The well has a reported depth to groundwater of 178.73' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On February 12, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 0-0.5' bgs surrounding the release area to evaluate the horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly



into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix D.

Trenching Assessment

On April 21, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) trench sample points (T-1 & T-2) were installed to total depths ranging from surface to 3.0' bgs inside the release area to evaluate the vertical extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratoryprovided 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 chainof-custody documents, are attached in Appendix D.

5.0 Remediation Activities

Carmona Resources personnel were on site to collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on June 24, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. The areas of S-1 & S-2 were excavated to a depth of 3.0' to ensure the removal of all impacted material. A total of two (2) confirmation floor samples were collected (CS-1 through CS-2), and six (6) sidewall samples (SW-1 through SW-6) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chainof-custody documentation are included in Appendix D. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Prior to backfilling, a composite sample of the material was collected to ensure it was clean and non-waste containing material. Refer to Table 2 for the analytical results.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 55 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. COP 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,

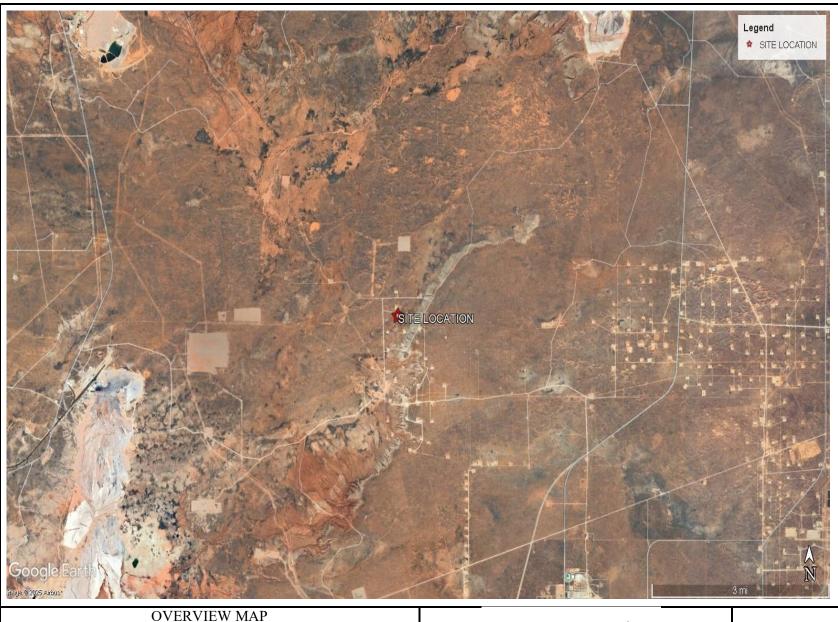
Carmona Resources, LLC

Conner Moehring

Stephen Reyes **Environmental Manager** Sr. Project Manager

FIGURES

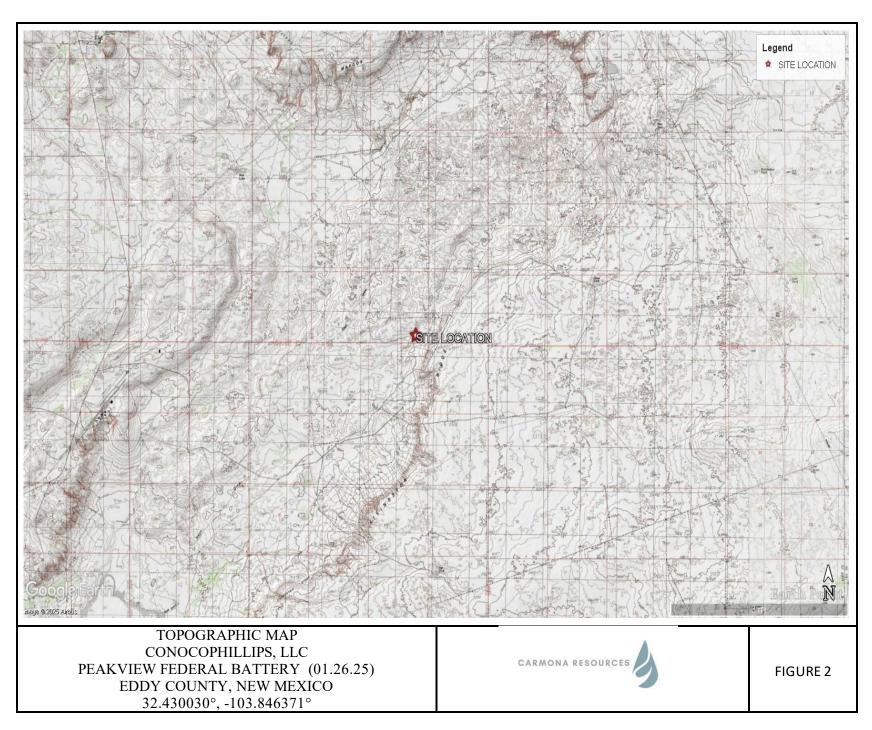
CARMONA RESOURCES



CONOCOPHILLIPS, LLC
PEAKVIEW FEDERAL BATTERY (01.26.25)
EDDY COUNTY, NEW MEXICO
32.430030°, -103.846371°

CARMONA RESOURCES

FIGURE 1

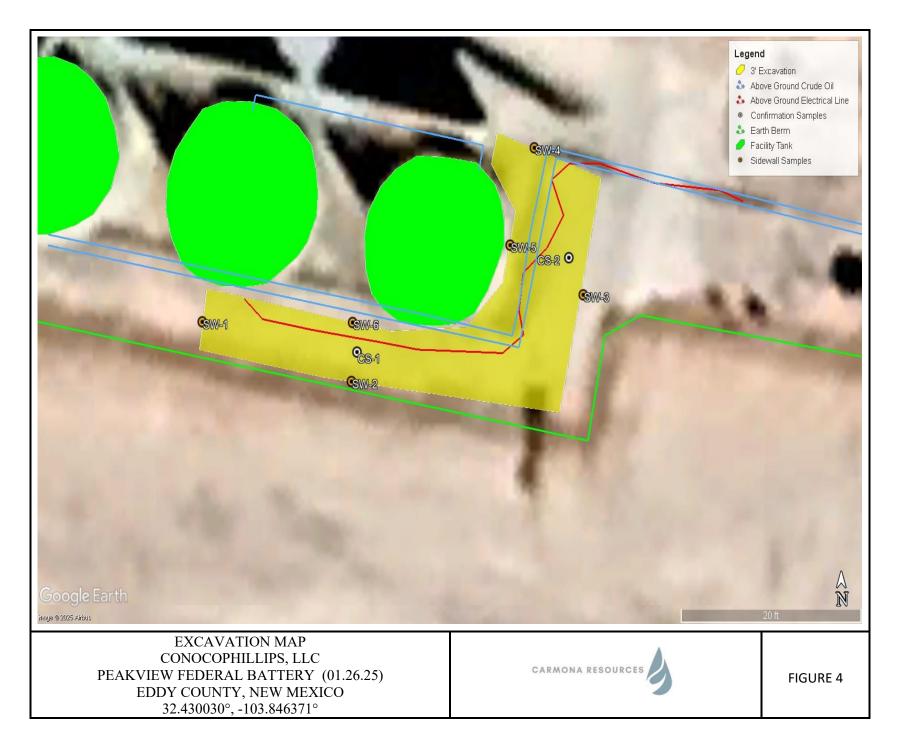




CONOCOPHILLIPS, LLC
PEAKVIEW FEDERAL BATTERY (01.26.25)
EDDY COUNTY, NEW MEXICO
32.430030°, -103.846371°



FIGURE 3



APPENDIX A



Table 1 ConocoPhillips **Peakview Federal Battery Eddy County, New Mexico**

2 1 12		Depth (ft)	TPH (mg/kg)				Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date		GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
	4/21/2025	0-1'	63.6	<49.8	<49.8	63.6	<0.00200	<0.00200	<0.00200	0.0115	0.0115	162
T-1	"	1.5'	655	<49.9	<49.9	655	<0.00199	<0.00199	<0.00199	0.0197	0.0197	143
1-1	"	2'	264	<50.1	<50.1	264	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	172
	"	3'	80.4	<50.3	<50.3	80.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	271
	4/21/2025	0-1'	3,950	<249	<249	3,950	<0.00202	0.204	0.104	0.534	0.842	92.4
T-2	"	1.5'	5,810	886	<250	6,700	<0.00200	1.56	2.00	11.00	14.50	112
1-2	"	2'	168	<50.1	<50.1	168	<0.00199	<0.00199	<0.00199	0.00521	0.00521	96.3
	"	3'	94.7	<50.2	<50.2	94.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	104
H-1	2/12/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	317
H-2	2/12/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,130
П-2	4/21/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	96.6
H-3	2/12/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
H-4	2/12/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
H-5	2/12/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.94
H-6	2/12/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
Regulato	ory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample Point (H) Horizontal Point

Removed

Table 2 **Conoco Phillips Peakview Federal Battery Eddy County, New Mexico**

	2.1		TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-1	6/24/2025	3'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
CS-2	6/24/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	96.4
SW-1	6/24/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	112
SW-2	6/24/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
SW-3	6/24/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	109
SW-4	6/24/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	114
SW-5	6/24/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	103
SW-6	6/24/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	102
Backfill	6/24/2025	-	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	128
	ory Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 1

Facility: Peakview Federal Battery (01.26.25)

County: Eddy County, New Mexico

Description:

View South of the facility signs.



Photograph No. 2

Facility: Peakview Federal Battery (01.26.25)

County: Eddy County, New Mexico

Description:

View of Confirmation Samples (1-2).



Photograph No. 3

Facility: Peakview Federal Battery (01.26.25)

County: Eddy County, New Mexico

Description:

View of the backfilled excavation area.



APPENDIX C

CARMONA RESOURCES

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 433552

QUESTIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	433552
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Peakview Federal Battery			
Date Release Discovered	01/26/2025			
Surface Owner	Federal			

Incident Details	ncident Details			
Please answer all the questions in this group.				
Incident Type	Oil 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 fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Valve Crude Oil Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

[NOTIFY] Notification Of Release (NOR)

Action 433552

	1
Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	433552
	Action Type:

QUESTIONS (continued)

Nature and Volume of Release (continued) Is this a gas only submission (i.e. only significant Mcf values reported) Was this a major release as defined by Subsection A of 19.15.29.7 NMAC Reasons why this would be considered a submission for a notification of a major release 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	nitial Response				
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.					
The source of the release has been stopped	True				
The impacted area has been secured to protect human health and the environment	Not answered.				
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.				
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.				
If all the actions described above have not been undertaken, explain why	Not answered.				

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

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

ACKNOWLEDGMENTS

Action 433552

ACKNOWLEDGMENTS

ı	Operator:	OGRID:
ı	CONOCOPHILLIPS COMPANY	217817
ı	600 W. Illinois Avenue	Action Number:
ı	Midland, TX 79701	433552
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
~	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
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.
~	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
~	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
~	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

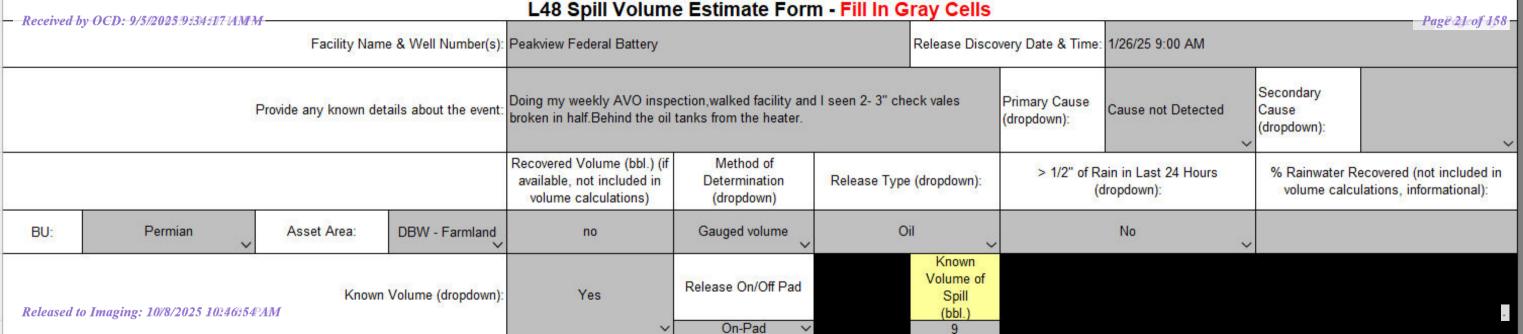
Action 433552

CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	433552
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By		Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/19/2025



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 478256

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	478256
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2505043591					
Incident Name	NAPP2505043591 PEAKVIEW FEDERAL BATTERY @ 0					
Incident Type	Oil Release					
Incident Status	Initial C-141 Approved					
Incident Facility	[fAPP2212329364] PEAK VIEW BATTERY					

Location of Release Source					
Site Name	Peakview Federal Battery				
Date Release Discovered	01/26/2025				
Surface Owner	Federal				

Sampling Event General Information						
Please answer all the questions in this group.						
What is the sampling surface area in square feet	200					
What is the estimated number of samples that will be gathered	11					
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/26/2025					
Time sampling will commence	09:30 AM					
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823					
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.429992, -103.846397					

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

CONDITIONS

Action 478256

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	478256
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jacquih	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.	6/24/2025
jacquih	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/24/2025

APPENDIX D

CARMONA RESOURCES







New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
C 03234 EXPLORE		CUB	ED	NW	NE	SW	35	21S	30E	607695.0	3589207.0 *	•	1121	410		
<u>C 03003</u>		CUB	ED	SW	NW	SW	31	21S	31E	610511.0	3588970.0 *	•	1826	650		
<u>C 04528 POD1</u>		CUB	ED	NW	SW	SW	12	22S	30E	608886.4	3585625.1	•	3095			
<u>C 03002</u>		CUB	ED	SE	NE	SE	06	22S	31E	611933.0	3587375.0 *		3497	668		

Average Depth to Water: **0 feet**

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 4

UTM Filters (in meters):

Easting: 608702.65 **Northing:** 3588714.90

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.



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater ✓ New Mexico **∨** GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 322557103502401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 322557103502401 21S.30E.36.31321

Eddy County, New Mexico Latitude 32°25'57", Longitude 103°50'24" NAD27 Land-surface elevation 3,231 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water- level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1976-12-09		D	62610		3048.48	NGVD29	1	Z			,
1976-12-09		D	62611		3050.06	NAVD88	1	Z			,
1976-12-09		D	72019	180.94			1	Z			,
1983-01-18		D	62610		3050.72	NGVD29	1	Z			,
1983-01-18		D	62611		3052.30	NAVD88	1	Z			,
1983-01-18		D	72019	178.70			1	Z			,
1987-10-14		D			3047.71	NGVD29	1	Z			,
1987-10-14		D			3049.29	NAVD88	1	Z			,
1987-10-14		D	72019	181.71			1	Z			,
1988-03-17		D			3046.66	NGVD29	1	Z			,
1988-03-17		D			3048.24	NAVD88	1	Z			,
1988-03-17		D	72019	182.76			1	Z			,
1992-12-09		D			3049.70	NGVD29	1	S			,
1992-12-09		D			3051.28	NAVD88	1	S			,
1992-12-09		D		179.72			1	S			,
1998-02-19		D			3050.69	NGVD29	1	S			,
1998-02-19		D			3052.27	NAVD88	1	S			,
1998-02-19		D	72019	178.73			1	S			,

Explanation

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

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility

FOIA

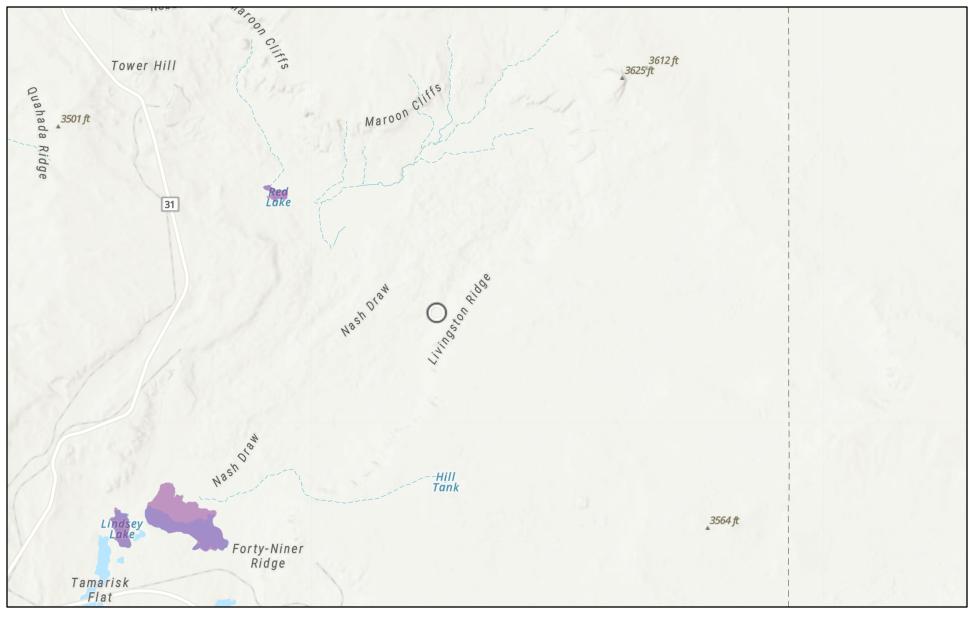
Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2025-02-07 09:26:23 EST
0.31 0.23 nadww01

USA.gov

PEAK VIEW BATTERY

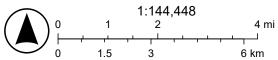


2/7/2025

USA Flood Hazard Areas

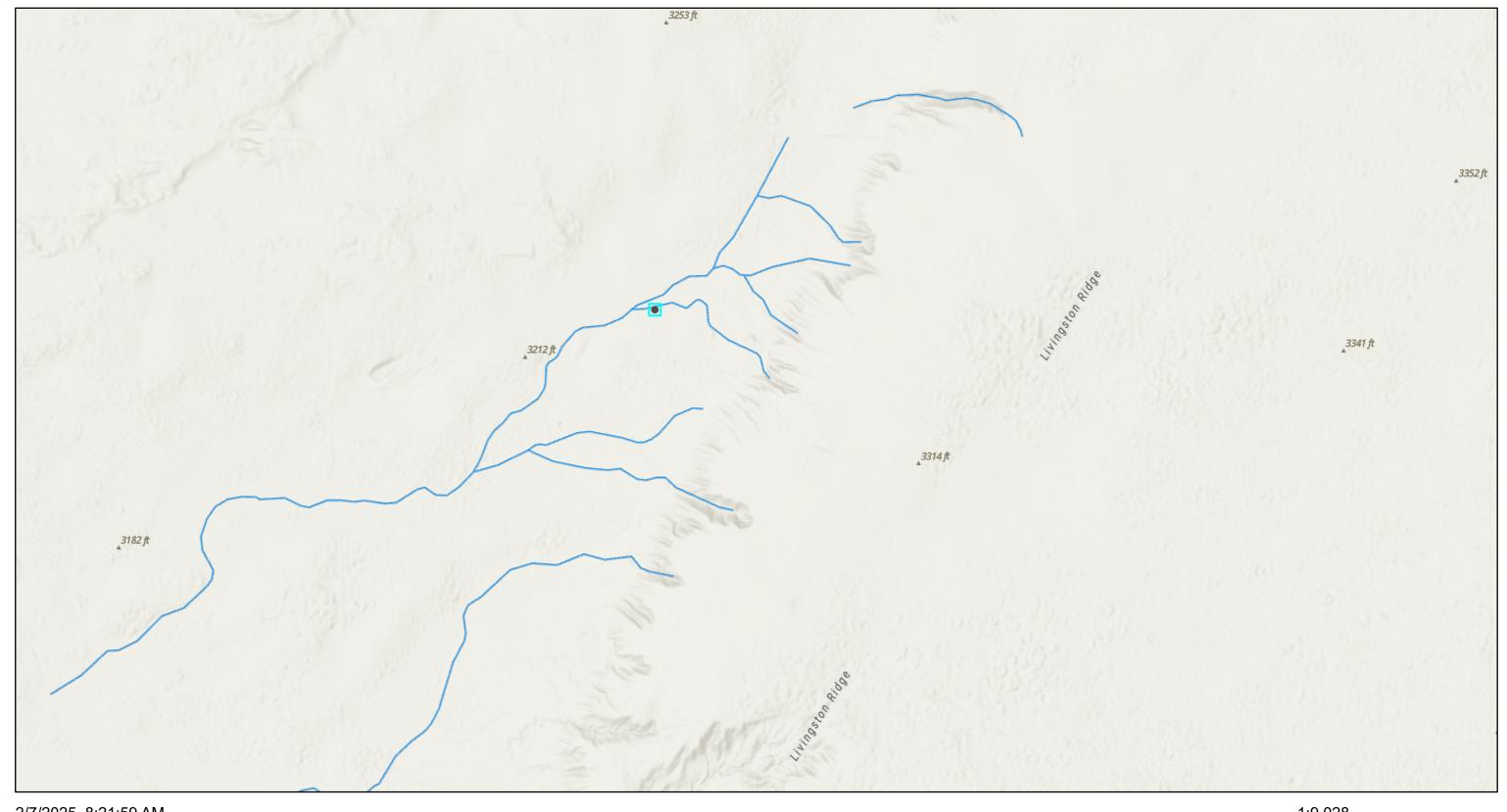
1% Annual Chance Flood Hazard

World Hillshade



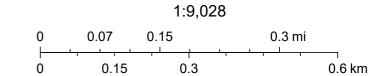
Esri, NASA, NGA, USGS, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS,

PEAK VIEW BATTERY



2/7/2025, 8:21:59 AM

OSE Streams



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau,

APPENDIX E

CARMONA RESOURCES

ANALYTICAL REPORT

PREPARED FOR

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

ivilulariu, Texas 1910 i

Generated 2/18/2025 5:09:46 PM

JOB DESCRIPTION

Peakview Federal Battery Eddy County, New Mexico

JOB NUMBER

880-54558-1

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 2/18/2025 5:09:46 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Page 2 of 25

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2/18/2025

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Client: Carmona Resources Project/Site: Peakview Federal Battery Laboratory Job ID: 880-54558-1 SDG: Eddy County, New Mexico

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QC Sample Results	12
QC Association Summary	16
Lab Chronicle	19
Certification Summary	21
Method Summary	22
Sample Summary	
Chain of Custody	

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-54558-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

4558-1

Qualifiers

GC VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

 NEG
 Negative / Absent

 POS
 Positive / Present

 PQL
 Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

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Case Narrative

Client: Carmona Resources
Project: Peakview Federal Battery

Job ID: 880-54558-1

Job ID: 880-54558-1 Eurofins Midland

Job Narrative 880-54558-1

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

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

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

Receipt

The samples were received on 2/17/2025 2:55 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 2.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-54558-1), H-2 (0-0.5') (880-54558-2), H-3 (0-0.5') (880-54558-3), H-4 (0-0.5') (880-54558-4), H-5 (0-0.5') (880-54558-5) and H-6 (0-0.5') (880-54558-6).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-102990 and analytical batch 880-102926 was outside the upper control limits.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-54558-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-1

Matrix: Solid

Client Sample ID: H-1 (0-0.5') Date Collected: 02/12/25 00:00

Date Received: 02/17/25 14:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/17/25 15:11	02/17/25 22:41	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/17/25 15:11	02/17/25 22:41	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	106		70 - 130				02/17/25 15:11	02/17/25 22:41	
1,4-Difluorobenzene (Surr)	97		70 - 130				02/17/25 15:11	02/17/25 22:41	
Method: TAL SOP Total BTEX - 1	Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/17/25 22:41	
Method: SW846 8015 NM - Diese Analyte		Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH									Diria
-	<50.0	U	50.0		mg/Kg			02/17/25 21:07	
.					mg/Kg				
: Method: SW846 8015B NM - Die	sel Range Orga			MDL	mg/Kg Unit		Prepared		
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	sel Range Orga	nics (DRO) Qualifier	(GC)	MDL		<u>D</u>	Prepared 02/17/25 16:28	02/17/25 21:07	
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result	Qualifier	(GC)	MDL	Unit	<u>D</u>	<u>.</u>	02/17/25 21:07 Analyzed	Dil Fa
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <50.0	Qualifier U	(GC) RL 50.0	MDL	Unit mg/Kg	<u>D</u>	02/17/25 16:28	02/17/25 21:07 Analyzed 02/17/25 21:07	Dil Fa
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	sel Range Orga Result <50.0	Qualifier U	(GC) RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	02/17/25 16:28	02/17/25 21:07 Analyzed 02/17/25 21:07 02/17/25 21:07	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	sel Range Orga Result <50.0 <50.0	Qualifier U	(GC) RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	02/17/25 16:28 02/17/25 16:28 02/17/25 16:28	02/17/25 21:07 Analyzed 02/17/25 21:07 02/17/25 21:07 02/17/25 21:07	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Sel Range Orga Result <50.0 <50.0 <50.0 %Recovery	Qualifier U	(GC) RL 50.0 50.0 50.0 Limits	MDL	Unit mg/Kg mg/Kg	<u>D</u>	02/17/25 16:28 02/17/25 16:28 02/17/25 16:28 Prepared	02/17/25 21:07 Analyzed 02/17/25 21:07 02/17/25 21:07 02/17/25 21:07 Analyzed	Dil Fa
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	sel Range Orga Result <50.0	Qualifier U Qualifier	(GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	02/17/25 16:28 02/17/25 16:28 02/17/25 16:28 Prepared 02/17/25 16:28	02/17/25 21:07 Analyzed 02/17/25 21:07 02/17/25 21:07 02/17/25 21:07 Analyzed 02/17/25 21:07	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Sel Range Orga Result	Qualifier U Qualifier	(GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		Unit mg/Kg mg/Kg	<u>D</u>	02/17/25 16:28 02/17/25 16:28 02/17/25 16:28 Prepared 02/17/25 16:28	02/17/25 21:07 Analyzed 02/17/25 21:07 02/17/25 21:07 02/17/25 21:07 Analyzed 02/17/25 21:07	Dil Fac

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-54558-2 Date Collected: 02/12/25 00:00 **Matrix: Solid**

Date Received: 02/17/25 14:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 23:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 23:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 23:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/17/25 15:11	02/17/25 23:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 23:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/17/25 15:11	02/17/25 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/17/25 15:11	02/17/25 23:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/17/25 15:11	02/17/25 23:01	1

Project/Site: Peakview Federal Battery

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

Date Collected: 02/12/25 00:00

Job ID: 880-54558-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-2

Matrix: Solid

Date Received: 02/17/25 14:55

Analyte	Result	Qualifier	RL	MDL Ur	nit D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	m	g/Kg		02/17/25 23:01	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	ma/l	(a		02/17/25 21:23	1

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

			(/					
Analyte	Result	Qualifier	RL	MDL Uni	t 1	D Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/	Kg	02/17/25 16:28	02/17/25 21:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/	Kg	02/17/25 16:28	02/17/25 21:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/	Kg	02/17/25 16:28	02/17/25 21:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Anaiyzea	DII Fac
1-Chlorooctane	89		70 - 130	02/17/25 16:28	02/17/25 21:23	1
o-Terphenyl	77		70 - 130	02/17/25 16:28	02/17/25 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1130	9.98	mg/Kg			02/18/25 01:18	1

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

Date Collected: 02/12/25 00:00

Date Received: 02/17/25 14:55

Lab Sample ID: 880-54558-3

Matrix: Solid

Michiga. Offoro ouz 15 - fold	atile Organie Comp	ounus (CC)	,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/17/25 15:11	02/17/25 23:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/17/25 15:11	02/17/25 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/17/25 15:11	02/17/25 23:22	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/17/25 15:11	02/17/25 23:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total BTFX	<0.00398	U	0.00398	ma/Ka			02/17/25 23:22	1	

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

Analyte	3 3 (llifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	ma/Ka			02/17/25 21:37	

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

modification of the control of the c	tunge enga		,					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		02/17/25 16:28	02/17/25 21:37	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg		02/17/25 16:28	02/17/25 21:37	1
C10-C28)								

Project/Site: Peakview Federal Battery

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

Job ID: 880-54558-1 SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-3

Matrix: Solid

Date	Collected:	02/12/25 00:00	
-		00/45/05 44 55	

Date Received: 02/17/25 14:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/17/25 16:28	02/17/25 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				02/17/25 16:28	02/17/25 21:37	1
o-Terphenyl	74		70 - 130				02/17/25 16:28	02/17/25 21:37	1

Method: EPA 300.0 - Anions, Ion Ch	nromatograp	hy - Soluble)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96	mg/Kg			02/18/25 01:24	1
011 4 0 1 1 1 1 4 4 0 0 7 1								4550 4

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

Date Collected: 02/12/25 00:00 Date Received: 02/17/25 14:55 Lab Sample ID: 880-54558-4

Matrix: Solid

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

Mictiod. Offoro 002 ID - Volut	ne Organie Gomp	ounus (CC	,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/17/25 15:11	02/17/25 23:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/17/25 15:11	02/17/25 23:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/17/25 15:11	02/17/25 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/17/25 15:11	02/17/25 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	02/17/25 15:1	02/17/25 23:42	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/17/25 15:1	1 02/17/25 23:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/25 23:42	1

Method: SW846 8015 NM - Diesel Range	Organ	ics (DRO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/17/25 22:07	1

_									
	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		02/17/25 16:28	02/17/25 22:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		02/17/25 16:28	02/17/25 22:07	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/17/25 16:28	02/17/25 22:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				02/17/25 16:28	02/17/25 22:07	1
o-Terphenyl	82		70 - 130				02/17/25 16:28	02/17/25 22:07	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble	9						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/18/25 01:30	1

Eurofins Midland

Project/Site: Peakview Federal Battery

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

Date Collected: 02/12/25 00:00

Job ID: 880-54558-1 SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-5

Matrix: Solid

Date Received: 02/17/25 14:55
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/18/25 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/18/25 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/18/25 00:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/17/25 15:11	02/18/25 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/18/25 00:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/17/25 15:11	02/18/25 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				02/17/25 15:11	02/18/25 00:03	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/17/25 15:11	02/18/25 00:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/18/25 00:03	1

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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/17/25 22:22	1

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

Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8		49.8		mg/Kg	=	02/17/25 16:28	02/17/25 22:22	1
(GRO)-C6-C10 Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		02/17/25 16:28	02/17/25 22:22	1
C10-C28) Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/17/25 16:28	02/17/25 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Quaimer	Limits	Prepared	Anaryzea	DII Fac
1-Chlorooctane	95	70 - 130	02/17/25 16:28	02/17/25 22:22	1
o-Terphenyl	83	70 - 130	02/17/25 16:28	02/17/25 22:22	1
_					

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/18/25 01:36	1

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

	-	•
Date Collecte	ed: 02/12/25	00:00
Date Receive	ed: 02/17/25	14:55

): H-6 (U-U.5 ⁻)	Lab Sample ID: 880-54558-6
12/25 00:00	Matrix: Solid

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		02/17/25 15:11	02/18/25 00:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/17/25 15:11	02/18/25 00:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/17/25 15:11	02/18/25 00:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/17/25 15:11	02/18/25 00:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/17/25 15:11	02/18/25 00:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/17/25 15:11	02/18/25 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/17/25 15:11	02/18/25 00:23	1

Eurofins Midland

02/18/25 00:23

02/17/25 15:11

70 - 130

1,4-Difluorobenzene (Surr)

Client Sample Results

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-54558-1 SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-6

Client Sample ID: H-6 (0-0.5') Date Collected: 02/12/25 00:00

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Prepare	3/25 00:23 nalyzed Dil Fa 7/25 22:37	Analyzed 02/18/25 00:23 Analyzed 02/17/25 22:37 Analyzed	d .			mg/Kg		0.00402 GC)	ics (DRO) (G	<0.00402	Total BTEX
Analyte	7/25 22:37	02/17/25 22:37		Prepared	<u>D</u>		MDL	RL	Qualifier	•	Method: SW846 8015 NM - Diesel
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyte	7/25 22:37	02/17/25 22:37		Prepared	<u>D</u>		MDL			Result	Metrica. Officeo 00 13 MM - Diesei
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared A Gasoline Range Organics <50.0						mg/Kg		50.0			Analyte
Analyte Result Qualifier RL MDL Unit D Prepared A Gasoline Range Organics <50.0	velomed PS 5-	Analyzed							U	<50.0	Total TPH
Gasoline Range Organics <50.0 U 50.0 mg/Kg 02/17/25 16:28 02/17/2	salumed Bur-	Analyzed	_					(GC)	nics (DRO)	el Range Orga	Method: SW846 8015B NM - Dies
(GRO)-C6-C10 Diesel Range Organics (Over <50.0	nalyzed Dil Fa	y=0u	d	Prepared	D	Unit	MDL	RL	Qualifier	Result	Analyte
Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 02/17/25 16:28 02/	7/25 22:37	02/17/25 22:37	6:28	02/17/25 16:28		mg/Kg		50.0	U	<50.0	Gasoline Range Organics
C10-C28) C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/17/25 16:28 02/17/25											(GRO)-C6-C10
Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 02/17/25 16:28 <	7/25 22:37	02/17/25 22:37	6:28	02/17/25 16:28		mg/Kg		50.0	U	<50.0	Diesel Range Organics (Over
Surrogate %Recovery Qualifier Limits Prepared A 1-Chlorooctane 100 70 - 130 02/17/25 16:28<											,
1-Chlorooctane 100 70 - 130 02/17/25 16:28 02/1	7/25 22:37	02/17/25 22:37	6:28	02/17/25 16:28		mg/Kg		50.0	U	<50.0	Oil Range Organics (Over C28-C36)
	nalyzed Dil Fa	Analyzed	d	Prepared				Limits	Qualifier	%Recovery	Surrogate
o-Terphenyl 88 70 - 130 02/17/25 16:28 02/17/25 16:	7/25 22:37	02/17/25 22:37	6:28	02/17/25 16:28				70 - 130		100	1-Chlorooctane
	7/25 22:37	02/17/25 22:37	6:28	02/17/25 16:28				70 - 130		88	o-Terphenyl
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								•	hy - Soluble	Chromatograp	Method: FPA 300 0 - Anions Jon
Chloride <9.92 U 9.92 mg/Kg 02/1	nalyzed Dil Fa	Analyzed	d	Prepared	D	Unit	MDL		•		

Surrogate Summary

Client: Carmona Resources Job ID: 880-54558-1 Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-54558-1	H-1 (0-0.5')	106	97	
880-54558-1 MS	H-1 (0-0.5')	102	94	
880-54558-1 MSD	H-1 (0-0.5')	101	95	
880-54558-2	H-2 (0-0.5')	118	98	
380-54558-3	H-3 (0-0.5')	103	99	
380-54558-4	H-4 (0-0.5')	107	95	
880-54558-5	H-5 (0-0.5')	110	92	
380-54558-6	H-6 (0-0.5')	108	96	
CS 880-102983/1-A	Lab Control Sample	105	99	
CSD 880-102983/2-A	Lab Control Sample Dup	108	91	
MB 880-102917/5-A	Method Blank	101	93	
MB 880-102983/5-A	Method Blank	97	88	
Surrogate Legend				
BFB = 4-Bromofluorobe	nzene (Surr)			
DFBZ = 1,4-Difluoroben:	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1	Percent Surrogate Recovery (Acceptance Limi
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
0-54557-A-1-F MS	Matrix Spike	93	81	·
0-54557-A-1-G MSD	Matrix Spike Duplicate	91	79	
0-54558-1	H-1 (0-0.5')	84	74	
0-54558-2	H-2 (0-0.5')	89	77	
0-54558-3	H-3 (0-0.5')	85	74	
0-54558-4	H-4 (0-0.5')	93	82	
0-54558-5	H-5 (0-0.5')	95	83	
0-54558-6	H-6 (0-0.5')	100	88	
S 880-102990/2-A	Lab Control Sample	99	88	
SD 880-102990/3-A	Lab Control Sample Dup	111	99	
3 880-102990/1-A	Method Blank	145 S1+	133 S1+	

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources Job ID: 880-54558-1 SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-102917/5-A

Matrix: Solid

Analysis Batch: 102912

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102917

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/25 08:40	02/17/25 11:25	
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/25 08:40	02/17/25 11:25	

MB MB

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/17/25 08:4	02/17/25 11:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/17/25 08:4	0 02/17/25 11:25	1

Lab Sample ID: MB 880-102983/5-A

Matrix: Solid

Analysis Batch: 102912

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

Prep Batch: 102983

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	
Toluene	<0.00200 U	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	
Ethylbenzene	<0.00200 l	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	
m-Xylene & p-Xylene	<0.00400 \	U	0.00400		mg/Kg		02/17/25 15:11	02/17/25 22:19	
o-Xylene	<0.00200 l	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	
Xylenes, Total	<0.00400 U	U	0.00400		mg/Kg		02/17/25 15:11	02/17/25 22:19	

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/17/25 15:11	02/17/25 22:19	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/17/25 15:11	02/17/25 22:19	1

Lab Sample ID: LCS 880-102983/1-A

Matrix: Solid

Analysis Batch: 102912

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 102983**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1055		mg/Kg		105	70 - 130	
Toluene	0.100	0.09523		mg/Kg		95	70 - 130	
Ethylbenzene	0.100	0.1007		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	0.200	0.2157		mg/Kg		108	70 - 130	
o-Xylene	0.100	0.1042		mg/Kg		104	70 - 130	

LCS LCS

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

Lab Sample ID: LCSD 880-102983/2-A

Matrix: Solid

Analysis Batch: 102912

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102983

RPD %Rec RPD Limit

Spike LCSD LCSD Result Qualifier Analyte Added Unit %Rec Limits Benzene 0.100 0.08868 mg/Kg 89 70 - 130 17

QC Sample Results

Job ID: 880-54558-1 Client: Carmona Resources Project/Site: Peakview Federal Battery SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-102983/2-A

Matrix: Solid Analysis Batch: 102912 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 102983

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.08856		mg/Kg		89	70 - 130	7	35
Ethylbenzene	0.100	0.09300		mg/Kg		93	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1974		mg/Kg		99	70 - 130	9	35
o-Xylene	0.100	0.09656		mg/Kg		97	70 - 130	8	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-54558-1 MS **Client Sample ID: H-1 (0-0.5')**

Matrix: Solid

Analysis Batch: 102912

Prep Type: Total/NA

Prep Batch: 102983

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Benzene 0.0998 0.09320 <0.00200 mg/Kg 93 70 - 130 Toluene <0.00200 U 0.0998 0.08880 89 70 - 130 mg/Kg Ethylbenzene <0.00200 U 0.0998 0.08919 70 - 130 mg/Kg 89 m-Xylene & p-Xylene <0.00399 U 0.200 0.1991 100 70 - 130 mg/Kg o-Xylene <0.00200 U 0.0998 0.09769 mg/Kg 98 70 - 130

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1,4-Difluorobenzene (Surr)	94	70 - 130

Lab Sample ID: 880-54558-1 MSD **Client Sample ID: H-1 (0-0.5')**

Matrix: Solid

Analysis Batch: 102912

Prep Type: Total/NA

Prep Batch: 102983

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene <0.00200 U 0.0996 0.09087 mg/Kg 91 70 - 130 3 35 Toluene <0.00200 U 0.0996 0.08335 mg/Kg 84 70 - 130 6 35 Ethylbenzene <0.00200 U 0.0996 0.08698 mg/Kg 87 70 - 130 35 <0.00399 U 0.199 0.1866 94 70 - 130 35 m-Xylene & p-Xylene mg/Kg 0.0996 o-Xylene <0.00200 U 0.09088 mg/Kg 70 - 130 35

MSD MSD

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

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

Lab Sample ID: MB 880-102990/1-A

Matrix: Solid

Analysis Batch: 102926

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

Prep Batch: 102990

мв мв Analyte Result Qualifier RL MDL Unit Prepared Analyzed <50.0 U 50.0 02/17/25 16:28 02/17/25 17:30 Gasoline Range Organics mg/Kg

QC Sample Results

Job ID: 880-54558-1 Client: Carmona Resources SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

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

Lab Sample ID: MB 880-102990/1-A **Matrix: Solid**

Analysis Batch: 102926

Client Sample ID: Method Blank

Prep Type: Total/NA **Prep Batch: 102990**

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	Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
	Diesel Range Organics (Over	<50.0	U	50.0	n	ng/Kg		02/17/25 16:28	02/17/25 17:30	1
	C10-C28)	-50.0		50.0		11.6		00/47/05 40 00	00/47/05 47 00	
	Oil Range Organics (Over C28-C36)	<50.0	U	50.0	n	ng/Kg		02/17/25 16:28	02/17/25 17:30	1
ı										

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130	02/17/25 16:28	02/17/25 17:30	1
o-Terphenyl	133	S1+	70 - 130	02/17/25 16:28	02/17/25 17:30	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-102990/2-A **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 102926 **Prep Batch: 102990**

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 1226 123 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1092 mg/Kg 109 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: LCSD 880-102990/3-A

Matrix: Solid

Analysis Batch: 102926

Client Sample	ID: La	b Control	Sample	Dup
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Prep Type: Total/NA Prep Batch: 102990

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1160		mg/Kg		116	70 - 130	6	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1159		mg/Kg		116	70 - 130	6	20	
C10-C28)										

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 111 70 - 130 o-Terphenyl 99 70 - 130

Lab Sample ID: 880-54557-A-1-F MS

Matrix: Solid

Analysis Batch: 102926

C	lient	Samp	le IE): M	latr	ix S	Spi	ke
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Prep Type: Total/NA **Prep Batch: 102990**

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.0	U	998	745.6		mg/Kg		75	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.0	U	998	724.4		mg/Kg		73	70 - 130	

C10-C28)

	IVIS	IVIS					
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	93		70 - 130				
o-Terphenyl	81		70 - 130				

Project/Site: Peakview Federal Battery

Job ID: 880-54558-1 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-54557-A-1-G MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 102926

Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

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

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

Prep Batch: 102990

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	778.0		mg/Kg		78	70 - 130	4	20
Diesel Range Organics (Over	<50.0	U	998	708.7		mg/Kg		71	70 - 130	2	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	79		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-102988/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 102992

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/18/25 00:41	1

Lab Sample ID: LCS 880-102988/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 102992

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	254.1		mg/Kg		102	90 - 110	 -

Lab Sample ID: LCSD 880-102988/3-A

Matrix: Solid

Analysis Batch: 102992

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	254.6		mg/Kg		102	90 - 110	0	20	

Lab Sample ID: 880-54558-1 MS

Matrix: Solid

Analysis Batch: 102992

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	317		249	574.5		ma/Ka		104	90 110	

Lab Sample ID: 880-54558-1 MSD

Matrix: Solid

Analysis Batch: 102992

Analysis Daten. 102332											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	317		249	575.4	·	mg/Kg		104	90 - 110	0	20

Client: Carmona Resources

Job ID: 880-54558-1 Project/Site: Peakview Federal Battery SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 102912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Total/NA	Solid	8021B	102983
880-54558-2	H-2 (0-0.5')	Total/NA	Solid	8021B	102983
880-54558-3	H-3 (0-0.5')	Total/NA	Solid	8021B	102983
880-54558-4	H-4 (0-0.5')	Total/NA	Solid	8021B	102983
880-54558-5	H-5 (0-0.5')	Total/NA	Solid	8021B	102983
880-54558-6	H-6 (0-0.5')	Total/NA	Solid	8021B	102983
MB 880-102917/5-A	Method Blank	Total/NA	Solid	8021B	102917
MB 880-102983/5-A	Method Blank	Total/NA	Solid	8021B	102983
LCS 880-102983/1-A	Lab Control Sample	Total/NA	Solid	8021B	102983
LCSD 880-102983/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	102983
880-54558-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	102983
880-54558-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	102983

Prep Batch: 102917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-102917/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 102983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-54558-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-54558-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-54558-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-54558-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-54558-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-102983/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-102983/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-102983/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-54558-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-54558-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 103098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-54558-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-54558-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-54558-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-54558-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-54558-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 102926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	102990
880-54558-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	102990
880-54558-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	102990
880-54558-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	102990
880-54558-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	102990
880-54558-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	102990
MB 880-102990/1-A	Method Blank	Total/NA	Solid	8015B NM	102990

Eurofins Midland

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Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-54558-1

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 102926 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-102990/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	102990
LCSD 880-102990/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	102990
880-54557-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	102990
880-54557-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	102990

Prep Batch: 102990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-54558-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-54558-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-54558-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-54558-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-54558-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-102990/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-102990/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-102990/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-54557-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-54557-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 103062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-54558-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-54558-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-54558-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-54558-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-54558-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 102988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	_
880-54558-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-54558-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-54558-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-54558-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-54558-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-102988/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-102988/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-102988/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-54558-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-54558-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 102992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-1	H-1 (0-0.5')	Soluble	Solid	300.0	102988
880-54558-2	H-2 (0-0.5')	Soluble	Solid	300.0	102988
880-54558-3	H-3 (0-0.5')	Soluble	Solid	300.0	102988
880-54558-4	H-4 (0-0.5')	Soluble	Solid	300.0	102988
880-54558-5	H-5 (0-0.5')	Soluble	Solid	300.0	102988

Eurofins Midland

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Client: Carmona Resources

Job ID: 880-54558-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 102992 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-54558-6	H-6 (0-0.5')	Soluble	Solid	300.0	102988
MB 880-102988/1-A	Method Blank	Soluble	Solid	300.0	102988
LCS 880-102988/2-A	Lab Control Sample	Soluble	Solid	300.0	102988
LCSD 880-102988/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	102988
880-54558-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	102988
880-54558-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	102988

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Project/Site: Peakview Federal Battery

Job ID: 880-54558-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-1

Lab Sample ID: 880-54558-3

Lab Sample ID: 880-54558-4

Matrix: Solid

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

Date Collected: 02/12/25 00:00 Date Received: 02/17/25 14:55

	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	102983	02/17/25 15:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102912	02/17/25 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103098	02/17/25 22:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103062	02/17/25 21:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102990	02/17/25 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102926	02/17/25 21:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	102988	02/17/25 15:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102992	02/18/25 00:59	SMC	EET MID

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-54558-2

Date Collected: 02/12/25 00:00

Date Received: 02/17/25 14:55

	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	102983	02/17/25 15:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102912	02/17/25 23:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103098	02/17/25 23:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103062	02/17/25 21:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	102990	02/17/25 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102926	02/17/25 21:23	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	102988	02/17/25 15:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102992	02/18/25 01:18	SMC	EET MID

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

Date Collected: 02/12/25 00:00

Date Received: 02/17/25 14:55

	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	102983	02/17/25 15:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102912	02/17/25 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103098	02/17/25 23:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103062	02/17/25 21:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	102990	02/17/25 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102926	02/17/25 21:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	102988	02/17/25 15:59	SA	EET MIC
Soluble	Analysis	300.0		1	50 mL	50 mL	102992	02/18/25 01:24	SMC	EET MID

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

Date Collected: 02/12/25 00:00

Date Received: 02/17/25 14:55

_	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	102983	02/17/25 15:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102912	02/17/25 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103098	02/17/25 23:42	AJ	EET MID

Matrix: Solid

Matrix: Solid

Eurofins Midland

Matrix: Solid

Lab Chronicle

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-54558-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-54558-4

Matrix: Solid

Client Sample ID: H-4 (0-0.5') Date Collected: 02/12/25 00:00

Date Received: 02/17/25 14:55

	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			103062	02/17/25 22:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	102990	02/17/25 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102926	02/17/25 22:07	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	102988	02/17/25 15:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102992	02/18/25 01:30	SMC	EET MID

Client Sample ID: H-5 (0-0.5') Lab Sample ID: 880-54558-5

Date Collected: 02/12/25 00:00 Date Received: 02/17/25 14:55

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 5035 Total/NA Prep 5.01 g 5 mL 102983 02/17/25 15:11 MNR **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 102912 02/18/25 00:03 MNR **EET MID** 1 Total/NA Total BTEX 103098 02/18/25 00:03 Analysis 1 AJ **EET MID** Total/NA Analysis 8015 NM 103062 02/17/25 22:22 **EET MID** 1 AJ Total/NA Prep 8015NM Prep 10.05 g 10 mL 102990 02/17/25 16:28 EL **EET MID** Total/NA Analysis 8015B NM 1 uL 102926 02/17/25 22:22 TKC **EET MID** 1 uL Soluble Leach DI Leach 5.03 g 50 mL 102988 02/17/25 15:59 SA EET MID Soluble Analysis 300.0 1 50 mL 50 mL 102992 02/18/25 01:36 SMC **EET MID**

Client Sample ID: H-6 (0-0.5') Lab Sample ID: 880-54558-6 Date Collected: 02/12/25 00:00 **Matrix: Solid**

Date Received: 02/17/25 14:55

	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	102983	02/17/25 15:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102912	02/18/25 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103098	02/18/25 00:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103062	02/17/25 22:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	102990	02/17/25 16:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	102926	02/17/25 22:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	102988	02/17/25 15:59	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	102992	02/18/25 01:54	SMC	EET MID

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

Eurofins Midland

Matrix: Solid

Laboratory References:

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-54558-1

Project/Site: Peakview Federal Battery

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	06-30-25
• ,	are included in this report, bu	it 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: Peakview Federal Battery

Job ID: 880-54558-1

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

Eurofins Midland

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12

Sample Summary

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-54558-1

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-54558-1	H-1 (0-0.5')	Solid	02/12/25 00:00	02/17/25 14:55
880-54558-2	H-2 (0-0.5')	Solid	02/12/25 00:00	02/17/25 14:55
880-54558-3	H-3 (0-0.5')	Solid	02/12/25 00:00	02/17/25 14:55
880-54558-4	H-4 (0-0.5')	Solid	02/12/25 00:00	02/17/25 14:55
880-54558-5	H-5 (0-0.5')	Solid	02/12/25 00:00	02/17/25 14:55
880-54558-6	H-6 (0-0.5')	Solid	02/12/25 00:00	02/17/25 14:55

Name Camona Resources Same Project Sales of Project Sales	Number Common Reconces Compon Reconces C	Project Manager:	Conner Moehring			Bill to: (if different)		Carmona	Carmona Resources		000000000000000000000000000000000000000	880-54-50
State of Project: Midland, TX 78701 Midl	State of Project: Reporting: Level III Destrust Deferrables: EDD ADaPT Other. SIS REQUEST Preservation None: NO Cool: Cool HCL: HC Hc. HC. HC Hc. HC Hc. HC Hc. HC Hc. HC. HC Hc. HC. HC Hc		Sarmona Resources			Company Name					Program: UST/PST PRP	
Name	Reporting: Level III Destrust Preservati SIS REQUEST None: NO Cool: Cool Hold: HC Hold:		110 W Wall St Ste 500			Address:					State of Project:	
1	SIS REQUEST SIS REQUEST None: NO Cool: Cool HCL: HC HyPO4: HP NaHSO4: NASIS Na2S2O3: NASO3 Zn Acetate+NaO+ NaOH+Ascorbic Asample Co Sample Co Sa	le ZIP:	Aidland, TX 79701			City, State ZIP:					Reporting:Level II Level III	□rrp
thane: Peakview Federal Battery Turn Around Preservation Anal-YSS REQUEST Preservation ef shame: Eddy County, New Mexico Due Date: 72 HR Preservation None: NO Cool: Coo	Preservatii None: NO Cooi: Cooi HCL: HC H2SQ4: H2 H3PO4: H2 NaHSO4: NaSO3 Zn Acetate+NaOt NaOH+Ascorbic A Sample Cc Sample Cc		132-813-6823		Email	mcarmona@c	armonare	sources.c	om			
Figure F	None: NO Cool: Cool Holt: HC Holt: HC Holt: HP NaHSO4: NABIS Na2S203: NASO3 Zn Acetate+NaOth NaOth+Ascorbic A Sample Cc	ject Name:	Peakview Federal Ba	attery	Turn	Around				ANALYSIS F	REQUEST	Preservative Codes
Fig. 2 Fig. 2 Fig. 3	Cool: Cool HCL: HC H ₂ S0 ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NaBIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOt NaOH+Ascorbic A Sample Cc Sample Cc Sample Co	ject Number.	2659		☐ Routine	✓ Rush	Pres. Code					
PLE RECEIPT Tenn Blank Yeş No) Wet loc: Fes No Tenn Blank Yeş No) Wet loc: Fes No Tenn Blank Yeş No) Wet loc: Fes No Tenn Blank Yeş No Tenn Blank Yeş No MA Correction Factor Tenn Blank Yeş No MA Correction Factor Tenn Blank Yeş No MA Correction Factor Tenn Blank Yeş No MA Temperature Reading Yeş No MA Yeş No Y	Received by: (Signature)	ject Location	Eddy County, New M	lexico	Due Date:	72 HR						
PLE RECEIPT Temp Blank Vee, No. Wet Ice: Res. No. Wet Ice: Res. No. No. Themometer ID: Action of the composition of the co	Received by: (Signature)	npler's Name:	JR		-			Jaw				
Yes No Themometer Date Time Soil Water Graph X X X X X X X X X	Received by: (Signature)	WDI E DECEID		VPC	Wet Ice.	No.	eters	-	_			
Yes No NA Correction Factor Correction Factor Correction Factor Correction Factor Correction Factor Corrected Temperature Reading: Corrected Temperat	Received by: (Signature)	will be income	ON	Jermometer ID:		X	we.	_				NaHSO: NABIS
Yes No NIA Temperature Reading: Corrected Temperature: Correc	Received by: (Signature)	Ceived Intact.	AN ON SAY	orrection Factor		Ti	Par	_	_			OseN - O-S-eN
Corrected Temperature:	Received by: (Signature)	olei Custody Seals	Ves No N/A	amperature Bead	ino.		T					72 ACCESSOR MODELS 72
dentification Date Time Soil Water Comp Comp Comp Comp Comp Comp # of Comp Comp Comp Comp Comp Comp Comp Comp	Received by: (Signature)	nple custody sear	ON SAI	orrected Tempers	ature:			13 FU				NaOH+Asonthic Acid: SAPC
Date Time Soil Water Comp Cont Cont F or Mark F or Mark <td>Received by: (Signature)</td> <td>a Containers.</td> <td></td> <td></td> <td></td> <td>11-</td> <td>+</td> <td>s Hd</td> <td></td> <td></td> <td></td> <td></td>	Received by: (Signature)	a Containers.				11-	+	s Hd				
2/12/2025 X G 1 X X	Received by: (Signature)	Sample Ident		Time	Soil	_						Sample Comments
2/12/2025 X G 1 X X 2/12/2026 X G 1 X X	Received by: (Signature)	H-1 (0-0.			×	O	-					
2/12/2025 X G 1 X X 3/12/2025 X G 1 X X	Received by: (Signature)	H-2 (0-0.			×	9	-					
2/12/2025 X G 1 X X 2/12/2025 X G 1 X X 2/12/2025 X G 1 X X 3/12/2025 X G 1 X X	Received by: (Signature)	H-3 (0-0.			×	9	1	_				
2/12/2025 X G 1 X X X Z Z/12/2025 X G 1 X X X X X X X X X X X X X X X X X	Received by: (Signature)	H-4 (0-0.			×	ŋ	-	H	-			
2/12/2025 X G 1 X X	Received by: (Signature)	H-5 (0-0.			×		-		-			
	Received by: (Signature)	H-6 (0-0.			×	ပ	-		H			
	Received by: (Signature)											
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			Relinquished by	: (Signature))ate/Tim			Received by: (Signature)	Date/Time
Date/Time Received by: (Signature)	- 53	1							П		P	SH SEINC
Date/Time Received by: (Signature)		- 53								1		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-54558-1

SDG Number: Eddy County, New Mexico

List Source: Eurofins Midland

Login Number: 54558 List Sour

Creator: Vasquez, Julisa

List Number: 1

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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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/28/2025 11:28:29 AM

JOB DESCRIPTION

Peakview Federal Battery Eddy County, New Mexico

JOB NUMBER

880-57280-1

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 4/28/2025 11:28:29 AM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 3

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Client: Carmona Resources Project/Site: Peakview Federal Battery Laboratory Job ID: 880-57280-1 SDG: Eddy County, New Mexico

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Definitions/Glossary

Job ID: 880-57280-1 Client: Carmona Resources Project/Site: Peakview Federal Battery SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

U

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**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

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

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

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

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)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

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

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources Project: Peakview Federal Battery Job ID: 880-57280-1

Eurofins Midland Job ID: 880-57280-1

Job Narrative 880-57280-1

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

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

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

Receipt

The sample was received on 4/23/2025 2:28 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.2°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: H-2 (0-0.5') (880-57280-1).

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-57280-1), (CCV 880-108642/33), (CCV 880-108642/51), (CCV 880-108642/64), (LCS 880-108660/1-A), (LCSD 880-108660/2-A) and (880-56959-A-23-B MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-108567 and analytical batch 880-108642 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-108567/1-A), (LCSD 880-108567/2-A), (880-57283-A-1-C), (880-57283-A-1-A MS) and (880-57283-A-1-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-108660 and analytical batch 880-108642 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

Diesel Range Organics

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-108562 and analytical batch 880-108764 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-57280-1), (880-57276-A-15-B), (880-57276-A-15-C MS) and (880-57276-A-15-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources

Client Sample ID: H-2 (0-0.5') Date Collected: 04/21/25 00:00

Date Received: 04/23/25 14:28

Project/Site: Peakview Federal Battery

Job ID: 880-57280-1

SDG: Eddy County, New Mexico

_ab Sample ID: 880-57280-	-1
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Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 19:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 19:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 19:37	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:55	04/25/25 19:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 19:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:55	04/25/25 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130				04/24/25 11:55	04/25/25 19:37	1
1,4-Difluorobenzene (Surr)	77		70 - 130				04/24/25 11:55	04/25/25 19:37	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TILIDIEV	<0.00399	П	0.00399		mg/Kg			04/25/25 19:37	
Total BTEX	<0.00399	U	0.00399		mg/rtg			0 1/20/20 10:01	•
. -					mg/rtg			0 1/20/20 10:01	
Method: SW846 8015 NM - Diese	el Range Organ			MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iotal BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ	ics (DRO) (Qualifier	GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result <49.8	ics (DRO) (Qualifier	GC) RL 49.8	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result <49.8 sel Range Organ	ics (DRO) (Qualifier	GC) RL 49.8		Unit	<u>D</u>	Prepared Prepared	Analyzed	1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	el Range Organ Result <49.8 sel Range Organ	ics (DRO) (Qualifier U unics (DRO) Qualifier	GC) RL 49.8		Unit mg/Kg		<u> </u>	Analyzed 04/26/25 15:00	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	el Range Organ Result Result Result sel Range Orga Result	ics (DRO) (Qualifier U unics (DRO) Qualifier	GC) RL 49.8 (GC) RL		Unit mg/Kg		Prepared	Analyzed 04/26/25 15:00 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result Result Result sel Range Orga Result	ics (DRO) (Qualifier U unics (DRO) Qualifier U	GC) RL 49.8 (GC) RL		Unit mg/Kg		Prepared	Analyzed 04/26/25 15:00 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 49.8 sel Range Orga Result 49.8 49.8	ics (DRO) (Qualifier U unics (DRO) Qualifier U	GC) RL 49.8 (GC) RL 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 11:17 04/24/25 11:17	Analyzed 04/26/25 15:00 Analyzed 04/26/25 15:00 04/26/25 15:00	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 49.8 sel Range Orga Result 49.8	ics (DRO) (Qualifier U unics (DRO) Qualifier U	GC) RL 49.8 (GC) RL 49.8		Unit mg/Kg Unit mg/Kg		Prepared 04/24/25 11:17	Analyzed 04/26/25 15:00 Analyzed 04/26/25 15:00	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result 49.8 sel Range Orga Result 49.8 49.8	ics (DRO) (Qualifier U unics (DRO) Qualifier U U	GC) RL 49.8 (GC) RL 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 11:17 04/24/25 11:17	Analyzed 04/26/25 15:00 Analyzed 04/26/25 15:00 04/26/25 15:00	1 Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	el Range Organ Result 49.8 sel Range Orga Result 49.8 49.8 49.8 49.8	ics (DRO) (Qualifier U unics (DRO) Qualifier U U	GC) RL 49.8 (GC) RL 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 11:17 04/24/25 11:17	Analyzed 04/26/25 15:00 Analyzed 04/26/25 15:00 04/26/25 15:00 04/26/25 15:00	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <49.8 sel Range Orga Result <49.8 <49.8 <49.8 %Recovery 181	ics (DRO) (Qualifier U unics (DRO) Qualifier U U	GC) RL 49.8 (GC) RL 49.8 49.8 49.8 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 11:17 04/24/25 11:17 04/24/25 11:17 Prepared	Analyzed 04/26/25 15:00 Analyzed 04/26/25 15:00 04/26/25 15:00 04/26/25 15:00 Analyzed	1 Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	el Range Organ Result <49.8 sel Range Orga Result <49.8 <49.8 <49.8 %Recovery 181 172	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U Qualifier S1+ S1+	GC) RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 04/24/25 11:17 04/24/25 11:17 04/24/25 11:17 Prepared 04/24/25 11:17	Analyzed 04/26/25 15:00 Analyzed 04/26/25 15:00 04/26/25 15:00 Analyzed 04/26/25 15:00	Dil Fac

9.94

mg/Kg

96.6

04/26/25 02:58

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Chloride

Surrogate Summary

Client: Carmona Resources

Job ID: 880-57280-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Rec
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57280-1	H-2 (0-0.5')	192 S1+	77	
880-57283-A-1-A MS	Matrix Spike	144 S1+	84	
880-57283-A-1-B MSD	Matrix Spike Duplicate	145 S1+	79	
LCS 880-108567/1-A	Lab Control Sample	141 S1+	82	
LCSD 880-108567/2-A	Lab Control Sample Dup	149 S1+	87	
MB 880-108567/5-B	Method Blank	151 S1+	74	
Surrogate Legend				
BFB = 4-Bromofluorobenzer	ne (Surr)			
DFBZ = 1,4-Difluorobenzene	e (Surr)			

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

Matrix: Solid Prep Type: Total/NA

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-57276-A-15-C MS	Matrix Spike	160 S1+	171 S1+
880-57276-A-15-D MSD	Matrix Spike Duplicate	185 S1+	175 S1+
880-57280-1	H-2 (0-0.5')	181 S1+	172 S1+
LCS 880-108562/2-A	Lab Control Sample	108	119
LCSD 880-108562/3-A	Lab Control Sample Dup	111	122
MB 880-108562/1-A	Method Blank	188 S1+	189 S1+

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Midland

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QC Sample Results

Client: Carmona Resources Job ID: 880-57280-1 SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108567/5-B

Matrix: Solid

Analysis Batch: 108642

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108567

MB	MB	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 11:55	04/25/25 11:33	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	04/24/25 11:55	04/25/25 11:33	1
1,4-Difluorobenzene (Surr)	74		70 - 130	04/24/25 11:55	04/25/25 11:33	1

Lab Sample ID: LCS 880-108567/1-A

Matrix: Solid

Analysis Batch: 108642

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108567

	Spike	LUS	LUS				/ortec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1103		mg/Kg		110	70 - 130	
Toluene	0.100	0.1058		mg/Kg		106	70 - 130	
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130	
m,p-Xylenes	0.200	0.2162		mg/Kg		108	70 - 130	
o-Xylene	0.100	0.1168		mg/Kg		117	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-108567/2-A

Matrix: Solid

Analysis Batch: 108642

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108567

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1145		mg/Kg		115	70 - 130	4	35	
Toluene	0.100	0.1124		mg/Kg		112	70 - 130	6	35	
Ethylbenzene	0.100	0.1193		mg/Kg		119	70 - 130	6	35	
m,p-Xylenes	0.200	0.2366		mg/Kg		118	70 - 130	9	35	
o-Xylene	0.100	0.1272		mg/Kg		127	70 - 130	9	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130
1 4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-57283-A-1-A MS

Matrix: Solid

Analysis Batch: 108642

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

Prep Batch: 108567

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130	
Toluene	< 0.00200	U	0.100	0.1030		ma/Ka		103	70 - 130	

Eurofins Midland

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QC Sample Results

Client: Carmona Resources Job ID: 880-57280-1 SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

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

Lab Sample ID: 880-57283-A-1-A MS

Lab Sample ID: 880-57283-A-1-B MSD

Matrix: Solid

Matrix: Solid

Analysis Batch: 108642

Analysis Batch: 108642

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108567

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	<0.00200	U	0.100	0.1102		mg/Kg		110	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2138		mg/Kg		107	70 - 130
o-Xylene	<0.00200	U	0.100	0.1134		mg/Kg		113	70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108567

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1044		mg/Kg		104	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1056		mg/Kg		106	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1078		mg/Kg		108	70 - 130	2	35
m,p-Xylenes	<0.00399	U	0.200	0.2188		mg/Kg		109	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.1157		mg/Kg		116	70 - 130	2	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

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

Lab Sample ID: MB 880-108562/1-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108562

	MB	MB							
Analyte	Result	Qualifier	RL	MDL Un	nit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg	g/Kg		04/24/25 11:17	04/26/25 05:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mç	g/Kg		04/24/25 11:17	04/26/25 05:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mç	g/Kg		04/24/25 11:17	04/26/25 05:22	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	188	S1+	70 - 130	04/24/25 11:17	04/26/25 05:22	1
o-Terphenyl (Surr)	189	S1+	70 - 130	04/24/25 11:17	04/26/25 05:22	1

Lab Sample ID: LCS 880-108562/2-A

Matrix: Solid

Analysis Batch: 108764

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

Prep Batch: 108562

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	988.8		mg/Kg		99	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	1163		mg/Kg		116	70 - 130
C10-C28)							

Job ID: 880-57280-1 Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-108562/2-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108562

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108562

Lab Sample ID: LCSD 880-108562/3-A **Matrix: Solid** Analysis Batch: 108764

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1036 104 70 - 1305 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1212 121 mg/Kg 70 - 13020 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 880-57276-A-15-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 108764

Prep Type: Total/NA

Prep Batch: 108562

Sample Sample Spike MS MS Analyte Result Qualifier hahhA Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.1 U 1010 1000 mg/Kg 99 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 1010 1265 mg/Kg 124 70 - 130

C10-C28)

MS MS %Recovery Qualifier Surrogate Limits 160 S1+ 70 - 130 1-Chlorooctane (Surr) 171 S1+ o-Terphenyl (Surr) 70 - 130

Lab Sample ID: 880-57276-A-15-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 108764

Prep Type: Total/NA

Prep Batch: 108562

Sample Sample Spike MSD MSD RPD %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit U 1010 967.1 20 Gasoline Range Organics <50.1 mg/Kg 96 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 1010 1184 mg/Kg 116 70 - 130 20

C10-C28)

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	185	S1+	70 - 130
o-Terphenvl (Surr)	175	S1+	70 ₋ 130

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-57280-1 SDG: Eddy County, New Mexico

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108693/1-A

Matrix: Solid

Analysis Batch: 108741

MB MB

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 <10.0</td>
 U
 10.0
 mg/Kg
 04/26/25 00:14
 1

Lab Sample ID: LCS 880-108693/2-A

Matrix: Solid

Analysis Batch: 108741

Spike LCS LCS %Rec Added %Rec Analyte Result Qualifier Unit D Limits Chloride 250 244.3 mg/Kg 98 90 - 110

Lab Sample ID: LCSD 880-108693/3-A

Matrix: Solid

Analysis Batch: 108741

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 245.6 20 mg/Kg 90 - 110

Lab Sample ID: 880-57278-A-9-D MS

Matrix: Solid

Analysis Batch: 108741

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added %Rec Result Qualifier Unit Limits 350.9 Chloride 96.9 249 102 90 - 110 mg/Kg

Lab Sample ID: 880-57278-A-9-E MSD

Matrix: Solid

Analysis Batch: 108741

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 249 Chloride 96.9 352.0 mg/Kg 102 90 - 110 0 20

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57280-1

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 108567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	Total/NA	Solid	5035	
MB 880-108567/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-108567/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108567/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57283-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-57283-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108642

Lab Sample ID 880-57280-1	Client Sample ID H-2 (0-0.5')	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 108567
MB 880-108567/5-B	Method Blank	Total/NA	Solid	8021B	108567
LCS 880-108567/1-A	Lab Control Sample	Total/NA	Solid	8021B	108567
LCSD 880-108567/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108567
880-57283-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	108567
880-57283-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108567

Analysis Batch: 108832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 108562

Lab Sample ID 880-57280-1	Client Sample ID H-2 (0-0.5')	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-108562/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108562/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108562/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57276-A-15-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57276-A-15-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	Total/NA	Solid	8015B NM	108562
MB 880-108562/1-A	Method Blank	Total/NA	Solid	8015B NM	108562
LCS 880-108562/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108562
LCSD 880-108562/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108562
880-57276-A-15-C MS	Matrix Spike	Total/NA	Solid	8015B NM	108562
880-57276-A-15-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108562

Analysis Batch: 108814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 108693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-108693/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108693/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108693/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

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Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57280-1

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 108693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57278-A-9-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-57278-A-9-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 108741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	Soluble	Solid	300.0	108693
MB 880-108693/1-A	Method Blank	Soluble	Solid	300.0	108693
LCS 880-108693/2-A	Lab Control Sample	Soluble	Solid	300.0	108693
LCSD 880-108693/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108693
880-57278-A-9-D MS	Matrix Spike	Soluble	Solid	300.0	108693
880-57278-A-9-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	108693

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Lab Chronicle

Client: Carmona Resources Job ID: 880-57280-1

Project/Site: Peakview Federal Battery SDG: Eddy County, New Mexico

Lab Sample ID: 880-57280-1 **Client Sample ID: H-2 (0-0.5')**

Date Collected: 04/21/25 00:00 Matrix: Solid Date Received: 04/23/25 14:28

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108832	04/25/25 19:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			108814	04/26/25 15:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 15:00	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108693	04/25/25 13:28	SA	EET MID
Soluble	Analysis	300.0		1			108741	04/26/25 02:58	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-57280-1

Project/Site: Peakview Federal Battery

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	NELAP		T104704400	06-30-25	
0 ,	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: Peakview Federal Battery

Job ID: 880-57280-1

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

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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: Peakview Federal Battery

Job ID: 880-57280-1

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57280-1	H-2 (0-0.5')	Solid	04/21/25 00:00	04/23/25 14:28

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57280-1

SDG Number: Eddy County, New Mexico

List Source: Eurofins Midland

Login Number: 57280 List Number: 1

Creator: Vasquez, Julisa

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

<6mm (1/4").

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/29/2025 9:38:54 AM

JOB DESCRIPTION

Peakview Federal Battery Eddy County, New Mexico

JOB NUMBER

880-57282-1

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 4/29/2025 9:38:54 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: Peakview Federal Battery Laboratory Job ID: 880-57282-1 SDG: Eddy County, New Mexico

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Definitions/Glossary

Job ID: 880-57282-1 Client: Carmona Resources Project/Site: Peakview Federal Battery SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. S1+ Surrogate recovery exceeds control limits, high biased.

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier **Qualifier Description**

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

Job ID: 880-57282-1

Case Narrative

Client: Carmona Resources Project: Peakview Federal Battery

Eurofins Midland Job ID: 880-57282-1

Job Narrative 880-57282-1

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

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

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

Receipt

The samples were received on 4/23/2025 2:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.2°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-57282-1), T-1 (1.5') (880-57282-2), T-1 (2) (880-57282-3), T-1 (3') (880-57282-4), T-2 (0-1') (880-57282-5), T-2 (1.5') (880-57282-6), T-2 (2') (880-57282-7), T-2 (3') (880-57282-8), (CCV 880-108642/33), (CCV 880-108642/51), (CCV 880-108642/64), (LCS 880-108660/1-À), (LCSD 880-108660/2-A) and (880-56959-A-23-B MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-108567 and analytical batch 880-108642 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-108567/1-A), (LCSD 880-108567/2-A), (880-57283-A-1-C), (880-57283-A-1-A MS) and (880-57283-A-1-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-108660 and analytical batch 880-108642 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-2 (1.5') (880-57282-6). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-108562 and analytical batch 880-108764 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-57282-1), T-1 (1.5') (880-57282-2), T-1 (2') (880-57282-3), T-1 (3') (880-57282-4), T-2 (0-1') (880-57282-5), T-2 (2') (880-57282-7), T-2 (3') (880-57282-8), (880-57276-A-15-B), (880-57276-A-15-C MS) and (880-57276-A-15-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: T-2 (1.5') (880-57282-6). 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.

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

Case Narrative

Client: Carmona Resources Job ID: 880-57282-1
Project: Peakview Federal Battery

Job ID: 880-57282-1 (Continued) Eurofins Midland

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Client Sample Results

Client: Carmona Resources Job ID: 880-57282-1 Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

Client Sample ID: T-1 (0-1') Lab Sample ID: 880-57282-1 Date Collected: 04/21/25 00:00 Matrix: Solid Date Received: 04/23/25 14:28

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 16:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 16:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 16:54	1
m,p-Xylenes	0.00742		0.00401		mg/Kg		04/24/25 11:55	04/25/25 16:54	1
o-Xylene	0.00410		0.00200		mg/Kg		04/24/25 11:55	04/25/25 16:54	1
Xylenes, Total	0.0115		0.00401		mg/Kg		04/24/25 11:55	04/25/25 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				04/24/25 11:55	04/25/25 16:54	1
1,4-Difluorobenzene (Surr)	76		70 - 130				04/24/25 11:55	04/25/25 16:54	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0115		0.00401		mg/Kg			04/25/25 16:54	1
Method: SW846 8015 NM - Diese Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH	63.6		49.8		mg/Kg			04/26/25 15:16	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	
O!: D O '									Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:16	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over	<49.8 63.6	U	49.8		mg/Kg		04/24/25 11:17 04/24/25 11:17	04/26/25 15:16 04/26/25 15:16	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)									1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	63.6	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:16	1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	63.6 <49.8	U	49.8		mg/Kg		04/24/25 11:17 04/24/25 11:17	04/26/25 15:16 04/26/25 15:16	1 1 1 Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	63.6 <49.8 %Recovery	U Qualifier	49.8 49.8 <i>Limits</i>		mg/Kg		04/24/25 11:17 04/24/25 11:17 <i>Prepared</i>	04/26/25 15:16 04/26/25 15:16 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	63.6 <49.8 	U Qualifier S1+ S1+	49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg		04/24/25 11:17 04/24/25 11:17 Prepared 04/24/25 11:17	04/26/25 15:16 04/26/25 15:16 Analyzed 04/26/25 15:16	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	63.6 <49.8 **Recovery 181 179 Chromatograp	U Qualifier S1+ S1+	49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg	D	04/24/25 11:17 04/24/25 11:17 Prepared 04/24/25 11:17	04/26/25 15:16 04/26/25 15:16 Analyzed 04/26/25 15:16	1 1 1 1 Dil Fac

Client Sample ID: T-1 (1.5') Lab Sample ID: 880-57282-2 Date Collected: 04/21/25 00:00 **Matrix: Solid**

Date Received: 04/23/25 14:28

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:14	1
m,p-Xylenes	0.0108		0.00398		mg/Kg		04/24/25 11:55	04/25/25 17:14	1
o-Xylene	0.00892		0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:14	1
Xylenes, Total	0.0197		0.00398		mg/Kg		04/24/25 11:55	04/25/25 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				04/24/25 11:55	04/25/25 17:14	1
1.4-Difluorobenzene (Surr)	70		70 - 130				04/24/25 11:55	04/25/25 17:14	1

Client Sample Results

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-2

04/25/25 21:08

Matrix: Solid

Client Sam	ple ID:	T-1	(1.5')
D (0 !! (10-0	

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

0.0197		0.00398						
		0.00390		mg/Kg			04/25/25 17:14	1
ange Organ	ics (DRO) (GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
655		49.9		mg/Kg			04/26/25 15:33	1
Range Orga	nics (DRO)	(GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg		04/24/25 11:17	04/26/25 15:33	1
655		49.9		mg/Kg		04/24/25 11:17	04/26/25 15:33	1
<49.9	U	49.9		mg/Kg		04/24/25 11:17	04/26/25 15:33	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
183	S1+	70 - 130				04/24/25 11:17	04/26/25 15:33	1
195	S1+	70 - 130				04/24/25 11:17	04/26/25 15:33	1
	Result 655 Range Orga Result <49.9 655 <49.9 %Recovery 183	Result Qualifier	Range Organics (DRO) (GC) Result Qualifier RL	Result Qualifier RL 49.9	Result 655 Qualifier Qualifier RL 49.9 MDL mg/Kg Unit mg/Kg Range Organics (DRO) (GC) Result Qualifier RL 49.9 MDL Unit mg/Kg <49.9	Result 655 Qualifier Qualifier 49.9 RL MDL mg/Kg Unit mg/Kg D mg/Kg Range Organics (DRO) (GC) Result 49.9 MDL Unit mg/Kg D mg/Kg 449.9 U 49.9 mg/Kg 449.9 U 49.9 mg/Kg %Recovery 183 Qualifier S1+ 70 - 130 Limits 70 - 130	Result 655 Qualifier Qualifier RL 49.9 MDL Unit mg/Kg D mg/Kg Prepared Range Organics (DRO) (GC) Result Qualifier RL 49.9 RL MDL Unit mg/Kg D 04/24/25 11:17 655 49.9 mg/Kg 04/24/25 11:17 49.9 U 49.9 mg/Kg 04/24/25 11:17 865 49.9 mg/Kg 04/24/25 11:17 49.9 WRecovery Qualifier Limits S1+ 70 - 130 Prepared 04/24/25 11:17	Result 655 Qualifier RL 49.9 MDL Unit mg/Kg D mg/Kg Prepared 04/26/25 15:33 Range Organics (DRO) (GC) Result 49.9 Qualifier Mg/Kg MDL Unit mg/Kg D mg/Kg Prepared 04/24/25 11:17 Analyzed 04/26/25 15:33 655 49.9 mg/Kg 04/24/25 11:17 04/26/25 15:33 49.9 mg/Kg 04/24/25 11:17 04/26/25 15:33 49.9 mg/Kg 04/24/25 11:17 04/26/25 15:33 8/Recovery Qualifier Limits 5/1+ 70 - 130 Prepared Analyzed 04/24/25 11:17 04/26/25 15:33

Client Sample ID: T-1 (2') Lab Sample ID: 880-57282-3 Date Collected: 04/21/25 00:00 **Matrix: Solid**

9.94

mg/Kg

143

Date Received: 04/23/25 14:28

Released to Imaging: 10/8/2025 10:46:54 AM

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	
Toluene	< 0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	,
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:55	04/25/25 17:35	
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:55	04/25/25 17:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				04/24/25 11:55	04/25/25 17:35	1
								0.4/05/05 45 05	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 ₋ 130 RL	MDL	Unit	D	04/24/25 11:55 Prepared	04/25/25 17:35 Analyzed	
		culation	70 - 130				04/24/25 11:55	04/25/25 17:35	1
	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>	04/24/25 11:55 Prepared	Analyzed 04/25/25 17:35	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U	RL 0.00398		mg/Kg		Prepared	Analyzed 04/25/25 17:35	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result 264	Qualifier U ics (DRO) (Qualifier	RL 0.00398 ————————————————————————————————————		mg/Kg		Prepared	Analyzed 04/25/25 17:35 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	- Total BTEX Calc Result <0.00398 esel Range Organ Result 264 diesel Range Orga	Qualifier U ics (DRO) (Qualifier	RL 0.00398 ————————————————————————————————————		mg/Kg Unit mg/Kg		Prepared	Analyzed 04/25/25 17:35 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result 264 diesel Range Orga	Qualifier U ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00398 GC) RL 50.1	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 04/25/25 17:35 Analyzed 04/26/25 16:06	Dil Fac

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1 SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-3

Matrix: Solid

Client Sample ID: T-1 (2')

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

Analyte	Result	Qualifier	RL	MDL U	Init	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	m	ng/Kg		04/24/25 11:17	04/26/25 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	185	S1+	70 - 130				04/24/25 11:17	04/26/25 16:06	1
o-Terphenyl (Surr)	189	S1+	70 - 130				04/24/25 11:17	04/26/25 16:06	1

Method: EPA 300.0 - Anions, Ion Cl	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172	9.96	mg/Kg			04/25/25 21:14	1

Client Sample ID: T-1 (3')

Date Collected: 04/21/25 00:00

Lab Sample ID: 880-57282-4

Matrix: Solid

Date Received: 04/23/25 14:28

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:55	04/25/25 17:55	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:55	04/25/25 17:55	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130				04/24/25 11:55	04/25/25 17:55	
1,4-Difluorobenzene (Surr)	73		70 - 130				04/24/25 11:55	04/25/25 17:55	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 17:55	
			•	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: SW846 8015 NM - Diese Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
Analyte Total TPH	Result 80.4	Qualifier	RL 50.3	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 04/26/25 16:21	
Analyte Total TPH : Method: SW846 8015B NM - Die	Result 80.4 sel Range Orga	Qualifier nics (DRO)	RL 50.3		mg/Kg	<u> </u>	· · · · · ·	04/26/25 16:21	
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte	Result 80.4 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 50.3 (GC)		mg/Kg	<u>D</u>	Prepared	04/26/25 16:21 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result 80.4 sel Range Orga	Qualifier nics (DRO) Qualifier	RL 50.3		mg/Kg	<u> </u>	· · · · · ·	04/26/25 16:21	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 80.4 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 50.3 (GC)		mg/Kg	<u> </u>	Prepared	04/26/25 16:21 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result 80.4 sel Range Orga Result < 50.3	Qualifier nics (DRO) Qualifier U	RL 50.3		mg/Kg Unit mg/Kg	<u> </u>	Prepared 04/24/25 11:17	04/26/25 16:21 Analyzed 04/26/25 16:21	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 80.4 sel Range Orga Result <50.3 80.4	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 04/24/25 11:17 04/24/25 11:17	04/26/25 16:21 Analyzed 04/26/25 16:21 04/26/25 16:21	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result 80.4	Qualifier nics (DRO) Qualifier U	RL 50.3 (GC) RL 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 04/24/25 11:17 04/24/25 11:17	04/26/25 16:21 Analyzed 04/26/25 16:21 04/26/25 16:21 04/26/25 16:21	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result 80.4	Qualifier nics (DRO) Qualifier U	RL 50.3		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 04/24/25 11:17 04/24/25 11:17 04/24/25 11:17 Prepared	04/26/25 16:21 Analyzed 04/26/25 16:21 04/26/25 16:21 04/26/25 16:21 Analyzed	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	Result 80.4	Qualifier nics (DRO) Qualifier U Qualifier S1+ S1+	RL 50.3 (GC) RL 50.3 50.3 50.3 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 04/24/25 11:17 04/24/25 11:17 04/24/25 11:17 Prepared 04/24/25 11:17	04/26/25 16:21 Analyzed 04/26/25 16:21 04/26/25 16:21 04/26/25 16:21 Analyzed 04/26/25 16:21	Dil Fa
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	Result	Qualifier nics (DRO) Qualifier U Qualifier S1+ S1+	RL 50.3 (GC) RL 50.3 50.3 50.3 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 04/24/25 11:17 04/24/25 11:17 04/24/25 11:17 Prepared 04/24/25 11:17	04/26/25 16:21 Analyzed 04/26/25 16:21 04/26/25 16:21 04/26/25 16:21 Analyzed 04/26/25 16:21	Dil Fac

Client Sample Results

Client: Carmona Resources

SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

Client Sample ID: T-2 (0-1')

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

Lab Sample ID: 880-57282-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	
Toluene	0.204		0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	,
Ethylbenzene	0.104		0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	•
m,p-Xylenes	0.377		0.00404		mg/Kg		04/24/25 11:55	04/25/25 18:15	
o-Xylene	0.157		0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	
Xylenes, Total	0.534		0.00404		mg/Kg		04/24/25 11:55	04/25/25 18:15	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	247	S1+	70 - 130				04/24/25 11:55	04/25/25 18:15	
1,4-Difluorobenzene (Surr)	72		70 - 130				04/24/25 11:55	04/25/25 18:15	
			DI.	MDI	11-:4	Б	Drawavad	Analysed	Dil F-
Method: TAL SOP Total BTEX - Analyte		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte			RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 04/25/25 18:15	Dil Fa
Analyte Total BTEX	Result 0.842 el Range Organ	Qualifier ics (DRO) (0.00404 GC)		mg/Kg	<u>D</u>	Prepared		
Analyte Total BTEX Method: SW846 8015 NM - Diese	Result 0.842 el Range Organ	Qualifier	0.00404 GC)	MDL	mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte	Result 0.842 el Range Organ	Qualifier ics (DRO) (0.00404 GC)		mg/Kg			04/25/25 18:15	
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	Result 0.842 el Range Organ Result 3950	Qualifier ics (DRO) (Qualifier	0.00404 GC) RL 249		mg/Kg			04/25/25 18:15 Analyzed	Dil Fa
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	Result 0.842 el Range Organ Result 3950 sel Range Orga	Qualifier ics (DRO) (Qualifier	0.00404 GC) RL 249	MDL	mg/Kg			04/25/25 18:15 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	Result 0.842 el Range Organ Result 3950 sel Range Orga	Qualifier ics (DRO) (Qualifier nics (DRO)	0.00404 GC) RL 249	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	04/25/25 18:15 Analyzed 04/26/25 16:39	Dil Fa
	Result 0.842 el Range Organ Result 3950 sel Range Orga Result	Qualifier ics (DRO) (Qualifier nics (DRO) Qualifier	0.00404 GC) RL 249 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	04/25/25 18:15 Analyzed 04/26/25 16:39 Analyzed	Dil Fa

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Method: EPA 300.0 - Anions, Ion Chroma	tography - Soluble							
o-Terphenyl (Surr)	233 S1+	70 - 130			04/24/25 11:17	04/26/25 16:39	5	

9.98

mg/Kg

Client Sample ID: T-2 (1.5') Lab Sample ID: 880-57282-6

Limits

70 - 130

%Recovery Qualifier

92.4

184 S1+

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

Surrogate

Chloride

1-Chlorooctane (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 18:36	1
Toluene	1.56		0.0401		mg/Kg		04/28/25 09:09	04/28/25 16:10	20
Ethylbenzene	2.00		0.0401		mg/Kg		04/28/25 09:09	04/28/25 16:10	20
m,p-Xylenes	7.71		0.0802		mg/Kg		04/28/25 09:09	04/28/25 16:10	20
o-Xylene	3.26		0.0401		mg/Kg		04/28/25 09:09	04/28/25 16:10	20
Xylenes, Total	11.0		0.0802		mg/Kg		04/28/25 09:09	04/28/25 16:10	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	262	S1+	70 - 130				04/24/25 11:55	04/25/25 18:36	1
1,4-Difluorobenzene (Surr)	75		70 - 130				04/24/25 11:55	04/25/25 18:36	1

Eurofins Midland

04/25/25 21:26

Analyzed

04/26/25 16:39

Prepared

04/24/25 11:17

Matrix: Solid

Dil Fac

Client Sample Results

Client: Carmona Resources

Client Sample ID: T-2 (1.5')

Date Collected: 04/21/25 00:00

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-6

04/26/25 16:54

04/24/25 11:17

Matrix: Solid

Date Received: 04/23/25 14:28

Method: TAL SOP Total BTEX - Tot	al BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.5		0.0802		mg/Kg			04/28/25 16:10	1
Method: SW846 8015 NM - Diesel F	Pange Organ	ics (DRO) (G	C)						

Method: SW846 8015 NM - Diesel	Range Organic	cs (DRO) (GC	;)					
Analyte	Result (Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6700		250	mg/Kg			04/26/25 16:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	886		250		mg/Kg		04/24/25 11:17	04/26/25 16:54	5
(GRO)-C6-C10									
Diesel Range Organics (Over	5810		250		mg/Kg		04/24/25 11:17	04/26/25 16:54	5
C10-C28)									
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		04/24/25 11:17	04/26/25 16:54	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	205	S1+	70 - 130				04/24/25 11:17	04/26/25 16:54	5

Method: EPA 300.0 - Anions, Ion Cl	nromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112	10.0	mg/Kg			04/25/25 21:32	1

70 - 130

277 S1+

Client Sample ID: T-2 (2') Lab Sample ID: 880-57282-7 Date Collected: 04/21/25 00:00 **Matrix: Solid**

Date Received: 04/23/25 14:28

o-Terphenyl (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 18:56	
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 18:56	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 18:56	
m,p-Xylenes	0.00521		0.00398		mg/Kg		04/24/25 11:55	04/25/25 18:56	
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 18:56	1
Xylenes, Total	0.00521		0.00398		mg/Kg		04/24/25 11:55	04/25/25 18:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	187	S1+	70 - 130				04/24/25 11:55	04/25/25 18:56	1
								0.1/05/05 10.50	
			70 - 130				04/24/25 11:55	04/25/25 18:56	
Method: TAL SOP Total BTEX -	· Total BTEX Cald	culation Qualifier	RL	MDL		<u>D</u>	04/24/25 11:55 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX	Total BTEX Calc Result 0.00521	Qualifier	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result 0.00521 sel Range Organ	Qualifier	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result 0.00521 sel Range Organ	Qualifier ics (DRO) (RL 0.00398		mg/Kg		Prepared	Analyzed 04/25/25 18:56	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Result 0.00521 sel Range Organ Result 168	Qualifier ics (DRO) (Qualifier	RL 0.00398 ————————————————————————————————————		mg/Kg		Prepared	Analyzed 04/25/25 18:56 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Di	Total BTEX Calc Result 0.00521 sel Range Organ Result 168 esel Range Orga	Qualifier ics (DRO) (Qualifier	RL 0.00398 ————————————————————————————————————		mg/Kg Unit mg/Kg		Prepared	Analyzed 04/25/25 18:56 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result 0.00521 sel Range Organ Result 168 esel Range Orga	Qualifier ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00398 GC) RL 50.1	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 04/25/25 18:56 Analyzed 04/26/25 17:11	Dil Fac

Job ID: 880-57282-1

Client: Carmona Resources

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-7

Matrix: Solid

Client Sample ID: T-2 (2')

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

Analyte	Result	Qualifier	RL	MDL (Jnit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	r	mg/Kg		04/24/25 11:17	04/26/25 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	185	S1+	70 - 130				04/24/25 11:17	04/26/25 17:11	1
o-Terphenyl (Surr)	184	S1+	70 - 130				04/24/25 11:17	04/26/25 17:11	1

Method: EPA 300.0 - Anions, Ion Cl	hromatograph	y - Soluble							
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.3		9.94		mg/Kg			04/25/25 21:38	1

Client Sample ID: T-2 (3')

Date Collected: 04/21/25 00:00

ab Sample	ID: 8	80-572	282-8
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Matrix: Solid

Date Received: 04/23/25 14:28									
Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC))						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 19:17	
Toluene	< 0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 19:17	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 19:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:55	04/25/25 19:17	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 19:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:55	04/25/25 19:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130				04/24/25 11:55	04/25/25 19:17	1
1,4-Difluorobenzene (Surr)	76		70 - 130				04/24/25 11:55	04/25/25 19:17	1
- Method: TAL SOP Total BTEX	- Total BTEX Cale	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 19:17	1
Method: SW846 8015 NM - Did	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TDU	04.7		50.2		malka			04/26/25 17:27	- 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	94.7		50.2		mg/Kg			04/26/25 17:27	
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 11:17	04/26/25 17:27	
Diesel Range Organics (Over C10-C28)	94.7		50.2		mg/Kg		04/24/25 11:17	04/26/25 17:27	
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 11:17	04/26/25 17:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	187	S1+	70 - 130				04/24/25 11:17	04/26/25 17:27	
o-Terphenyl (Surr)	186	S1+	70 - 130				04/24/25 11:17	04/26/25 17:27	

RL

9.92

MDL Unit

mg/Kg

Prepared

Eurofins Midland

Analyzed

04/25/25 21:56

Result Qualifier

104

Dil Fac

Analyte

Chloride

Surrogate Summary

Client: Carmona Resources Job ID: 880-57282-1 Project/Site: Peakview Federal Battery 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)	
880-57282-1	T-1 (0-1')	147 S1+	76	
880-57282-2	T-1 (1.5')	132 S1+	70	
880-57282-3	T-1 (2')	144 S1+	74	
880-57282-4	T-1 (3')	157 S1+	73	
880-57282-5	T-2 (0-1')	247 S1+	72	
880-57282-6	T-2 (1.5')	262 S1+	75	
880-57282-7	T-2 (2')	187 S1+	76	
880-57282-8	T-2 (3')	188 S1+	76	
880-57283-A-1-A MS	Matrix Spike	144 S1+	84	
880-57283-A-1-B MSD	Matrix Spike Duplicate	145 S1+	79	
880-57377-A-1-B MS	Matrix Spike	102	106	
880-57377-A-1-C MSD	Matrix Spike Duplicate	102	106	
LCS 880-108567/1-A	Lab Control Sample	141 S1+	82	
LCS 880-108797/1-A	Lab Control Sample	109	104	
LCSD 880-108567/2-A	Lab Control Sample Dup	149 S1+	87	
LCSD 880-108797/2-A	Lab Control Sample Dup	110	101	
MB 880-108567/5-B	Method Blank	151 S1+	74	
MB 880-108797/5-A	Method Blank	98	86	

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

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-57276-A-15-C MS	Matrix Spike	160 S1+	171 S1+	
880-57276-A-15-D MSD	Matrix Spike Duplicate	185 S1+	175 S1+	
880-57282-1	T-1 (0-1')	181 S1+	179 S1+	
880-57282-2	T-1 (1.5')	183 S1+	195 S1+	
880-57282-3	T-1 (2')	185 S1+	189 S1+	
880-57282-4	T-1 (3')	185 S1+	187 S1+	
880-57282-5	T-2 (0-1')	184 S1+	233 S1+	
880-57282-6	T-2 (1.5')	205 S1+	277 S1+	
880-57282-7	T-2 (2')	185 S1+	184 S1+	
880-57282-8	T-2 (3')	187 S1+	186 S1+	
LCS 880-108562/2-A	Lab Control Sample	108	119	
LCSD 880-108562/3-A	Lab Control Sample Dup	111	122	
MB 880-108562/1-A	Method Blank	188 S1+	189 S1+	

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Midland

Prep Type: Total/NA

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-108567/5-B

Matrix: Solid

Analysis Batch: 108642

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108567

	IND	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/25 11:55	04/25/25 11:33	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	04/24/25 11:55	04/25/25 11:33	1
1.4-Difluorobenzene (Surr)	74		70 - 130	04/24/25 11:55	04/25/25 11:33	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 108567**

Lab Sample ID: LCS 880-108567/1-A **Matrix: Solid**

Analysis Batch: 108642

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1103 mg/Kg 110 70 - 130 Toluene 0.100 0.1058 mg/Kg 106 70 - 130 0.100 Ethylbenzene 0.1121 mg/Kg 112 70 - 130 0.200 108 70 - 130 m,p-Xylenes 0.2162 mg/Kg 0.100 0.1168 70 - 130 o-Xylene mg/Kg 117

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-108567/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 108642

Prep Type: Total/NA **Prep Batch: 108567**

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1145		mg/Kg		115	70 - 130	4	35	
Toluene	0.100	0.1124		mg/Kg		112	70 - 130	6	35	
Ethylbenzene	0.100	0.1193		mg/Kg		119	70 - 130	6	35	
m,p-Xylenes	0.200	0.2366		mg/Kg		118	70 - 130	9	35	
o-Xylene	0.100	0.1272		mg/Kg		127	70 - 130	9	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130
1 4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-57283-A-1-A MS

Matrix: Solid

Analysis Batch: 108642

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

Prep Batch: 108567

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.1059		mg/Kg	_	106	70 - 130	
Toluene	<0.00200	U	0.100	0.1030		mg/Kg		103	70 - 130	

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QC Sample Results

Client: Carmona Resources Job ID: 880-57282-1 SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

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

Lab Sample ID: 880-57283-A-1-A MS

Lab Sample ID: 880-57283-A-1-B MSD

Matrix: Solid

Analysis Batch: 108642

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108567

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	<0.00200	U	0.100	0.1102		mg/Kg		110	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2138		mg/Kg		107	70 - 130
o-Xylene	<0.00200	U	0.100	0.1134		mg/Kg		113	70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108567

Matrix: Solid

Analysis Batch: 108642

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1044		mg/Kg		104	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.1056		mg/Kg		106	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1078		mg/Kg		108	70 - 130	2	35
m,p-Xylenes	<0.00399	U	0.200	0.2188		mg/Kg		109	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.1157		mg/Kg		116	70 - 130	2	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: MB 880-108797/5-A

Matrix: Solid

Analysis Batch: 108783

Client Sample ID: Method Blank

04/28/25 11:20

Prep Type: Total/NA

Prep Batch: 108797

An	alyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Be	nzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Tol	uene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Eth	nylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
m,	p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
o->	(ylene	< 0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1

0.00400

mg/Kg

MB MB

<0.00400 U

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98	70 - 130	04/28/25 09:09	04/28/25 11:20	1
1.4-Difluorobenzene (Surr)	86	70 ₋ 130	04/28/25 09:09	04/28/25 11:20	1

Lab Sample ID: LCS 880-108797/1-A

Matrix: Solid

Xylenes, Total

Analysis Batch: 108783

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

04/28/25 09:09

Prep Batch: 108797

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1064		mg/Kg		106	70 - 130	
Toluene	0.100	0.09533		mg/Kg		95	70 - 130	
Ethylbenzene	0.100	0.1041		mg/Kg		104	70 - 130	
m,p-Xylenes	0.200	0.2146		mg/Kg		107	70 - 130	

QC Sample Results

Job ID: 880-57282-1 Client: Carmona Resources Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-108797/1-A **Matrix: Solid**

Lab Sample ID: LCSD 880-108797/2-A

Analysis Batch: 108783

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108797

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 0.100 0.1089 109 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 109 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 104

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 108783

Matrix: Solid

Prep Batch: 108797

Spike LCSD LCSD RPD Analyte Added Result Qualifier Unit %Rec Limits D Benzene 0.100 0.1060 mg/Kg 106 70 - 130 0 Toluene 0.100 0.09646 mg/Kg 96 70 - 130 Ethylbenzene 0.100 0.1066 mg/Kg 107 70 - 130 2 m,p-Xylenes 0.200 0.2201 mg/Kg 110 70 - 130 35 0.100 0.1119 70 - 130 o-Xylene mg/Kg 112 35

Limit 35 35 35

LCSD LCSD

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

Lab Sample ID: 880-57377-A-1-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 108783

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.08461		mg/Kg		85	70 - 130	
Toluene	<0.00200	U F1	0.100	0.06389	F1	mg/Kg		64	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.05862	F1	mg/Kg		59	70 - 130	
m,p-Xylenes	<0.00399	U F1	0.200	0.1159	F1	mg/Kg		58	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.05679	F1	mg/Kg		57	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 ₋ 130

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 108783

Lab Sample ID: 880-57377-A-1-C MSD

Prep Type: Total/NA **Prep Batch: 108797**

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier Limits Limit Analyte Unit %Rec RPD Benzene <0.00200 U 0.100 0.08142 mg/Kg 81 70 - 130 4 35 0.100 0.05592 F1 Toluene <0.00200 UF1 mg/Kg 56 70 - 13035 13 Ethylbenzene <0.00200 UF1 0.100 0.04489 F1 mg/Kg 45 70 - 130 27 35 0.200 44 m,p-Xylenes <0.00399 UF1 0.08723 F1 mg/Kg 70 - 13028 35 o-Xylene <0.00200 UF1 0.100 0.04334 F1 mg/Kg 43 70 - 130 27 35

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Prep Batch: 108797

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-57377-A-1-C MSD

Matrix: Solid

Analysis Batch: 108783

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 108797

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 102 70 - 130 1,4-Difluorobenzene (Surr) 106 70 - 130

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

Lab Sample ID: MB 880-108562/1-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108562

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		04/24/25 11:17	04/26/25 05:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		04/24/25 11:17	04/26/25 05:22	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/24/25 11:17	04/26/25 05:22	1
	***	**5							
	Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Analyte Result Gasoline Range Organics <50.0 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 C10-C28) Oil Range Organics (Over C28-C36) <50.0	Gasoline Range Organics <50.0 U (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U C10-C28)	Analyte Result Qualifier RL Gasoline Range Organics <50.0 U 50.0 (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) <50.0 U 50.0 C10-C28) 50.0 U 50.0	Analyte Result Qualifier RL MDL Gasoline Range Organics <50.0 U 50.0 (GRO)-C6-C10 U 50.0 50.0 Diesel Range Organics (Over C28-C36) <50.0 U 50.0 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0	Analyte Result Qualifier RL MDL Unit Gasoline Range Organics <50.0 U 50.0 mg/Kg (GRO)-C6-C10 Solution U 50.0 mg/Kg Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg	Analyte Result Qualifier RL MDL Unit D Gasoline Range Organics <50.0 U 50.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg	Analyte Result Qualifier RL MDL Unit D Prepared Gasoline Range Organics <50.0 U 50.0 mg/Kg 04/24/25 11:17 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 04/24/25 11:17 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 04/24/25 11:17	Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Gasoline Range Organics <50.0 U 50.0 mg/Kg 04/24/25 11:17 04/26/25 05:22 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 04/24/25 11:17 04/26/25 05:22 C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 04/24/25 11:17 04/26/25 05:22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	188	S1+	70 - 130	04/24/25 11:17	04/26/25 05:22	1
o-Terphenyl (Surr)	189	S1+	70 - 130	04/24/25 11:17	04/26/25 05:22	1

Lab Sample ID: LCS 880-108562/2-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 108562**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	988.8		mg/Kg		99	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1163		mg/Kg		116	70 - 130	
C10-C28)								

LCS LCS

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

Lab Sample ID: LCSD 880-108562/3-A

Matrix: Solid

Analysis Batch: 108764

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108562

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1036		mg/Kg		104	70 - 130	5	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1212		mg/Kg		121	70 - 130	4	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery Qualifi	er Limits
1-Chlorooctane (Surr)	111	70 _ 130
o-Terphenyl (Surr)	122	70 - 130

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QC Sample Results

Client: Carmona Resources SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

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

MS MS %Recovery Qualifier

160 S1+

Lab Sample ID: 880-57276-A-15-C MS

Matrix: Solid

Surrogate

Analysis Batch: 108764

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1000		mg/Kg		99	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1265		mg/Kg		124	70 - 130	

Limits

70 - 130

70 - 130

o-Terphenyl (Surr) 171 S1+

1-Chlorooctane (Surr)

Analysis Batch: 108764

Lab Sample ID: 880-57276-A-15-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Prep Batch: 108562

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 108562

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	967.1		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1184		mg/Kg		116	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	185	S1+	70 - 130
o-Terphenyl (Surr)	175	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108694/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108739

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	 D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/25/25 19:57	1

Lab Sample ID: LCS 880-108694/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108739

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 250	261.2		ma/Ka		104	90 - 110	

Lab Sample ID: LCSD 880-108694/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108739

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	246.1		mg/Kg		98	90 - 110	6	20

QC Sample Results

Client: Carmona Resources Job ID: 880-57282-1 SDG: Eddy County, New Mexico Project/Site: Peakview Federal Battery

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57282-7 MS Client Sample ID: T-2 (2') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108739

Sample Sample Spike MS MS %Rec Result Qualifier Result Qualifier Added Analyte Unit D %Rec Limits Chloride 96.3 249 366.7 mg/Kg 109 90 - 110

Lab Sample ID: 880-57282-7 MSD Client Sample ID: T-2 (2') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 108739

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Chloride 96.3 249 356.8 mg/Kg 105 90 - 110 3 20

QC Association Summary

Client: Carmona Resources

Job ID: 880-57282-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 108567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Total/NA	Solid	5035	
880-57282-2	T-1 (1.5')	Total/NA	Solid	5035	
880-57282-3	T-1 (2')	Total/NA	Solid	5035	
880-57282-4	T-1 (3')	Total/NA	Solid	5035	
880-57282-5	T-2 (0-1')	Total/NA	Solid	5035	
880-57282-6	T-2 (1.5')	Total/NA	Solid	5035	
880-57282-7	T-2 (2')	Total/NA	Solid	5035	
880-57282-8	T-2 (3')	Total/NA	Solid	5035	
MB 880-108567/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-108567/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108567/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57283-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-57283-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Total/NA	Solid	8021B	108567
880-57282-2	T-1 (1.5')	Total/NA	Solid	8021B	108567
880-57282-3	T-1 (2')	Total/NA	Solid	8021B	108567
880-57282-4	T-1 (3')	Total/NA	Solid	8021B	108567
880-57282-5	T-2 (0-1')	Total/NA	Solid	8021B	108567
880-57282-6	T-2 (1.5')	Total/NA	Solid	8021B	108567
880-57282-7	T-2 (2')	Total/NA	Solid	8021B	108567
880-57282-8	T-2 (3')	Total/NA	Solid	8021B	108567
MB 880-108567/5-B	Method Blank	Total/NA	Solid	8021B	108567
LCS 880-108567/1-A	Lab Control Sample	Total/NA	Solid	8021B	108567
LCSD 880-108567/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108567
880-57283-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	108567
880-57283-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108567

Analysis Batch: 108783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-6	T-2 (1.5')	Total/NA	Solid	8021B	108797
MB 880-108797/5-A	Method Blank	Total/NA	Solid	8021B	108797
LCS 880-108797/1-A	Lab Control Sample	Total/NA	Solid	8021B	108797
LCSD 880-108797/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	108797
880-57377-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	108797
880-57377-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	108797

Prep Batch: 108797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-6	T-2 (1.5')	Total/NA	Solid	5035	
MB 880-108797/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-108797/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-108797/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57377-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-57377-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 108831

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-57282-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 108831 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-57282-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-57282-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-57282-5	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-57282-6	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-57282-7	T-2 (2')	Total/NA	Solid	Total BTEX	
880-57282-8	T-2 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 108562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-57282-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-57282-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-57282-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-57282-5	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-57282-6	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-57282-7	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-57282-8	T-2 (3')	Total/NA	Solid	8015NM Prep	
MB 880-108562/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-108562/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-108562/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57276-A-15-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57276-A-15-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 108764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Total/NA	Solid	8015B NM	108562
880-57282-2	T-1 (1.5')	Total/NA	Solid	8015B NM	108562
880-57282-3	T-1 (2')	Total/NA	Solid	8015B NM	108562
880-57282-4	T-1 (3')	Total/NA	Solid	8015B NM	108562
880-57282-5	T-2 (0-1')	Total/NA	Solid	8015B NM	108562
880-57282-6	T-2 (1.5')	Total/NA	Solid	8015B NM	108562
880-57282-7	T-2 (2')	Total/NA	Solid	8015B NM	108562
880-57282-8	T-2 (3')	Total/NA	Solid	8015B NM	108562
MB 880-108562/1-A	Method Blank	Total/NA	Solid	8015B NM	108562
LCS 880-108562/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	108562
LCSD 880-108562/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	108562
880-57276-A-15-C MS	Matrix Spike	Total/NA	Solid	8015B NM	108562
880-57276-A-15-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	108562

Analysis Batch: 108815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-57282-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-57282-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-57282-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-57282-5	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-57282-6	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-57282-7	T-2 (2')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 108815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-8	T-2 (3')	Total/NA	Solid	8015 NM	

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Leach Batch: 108694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57282-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-57282-3	T-1 (2')	Soluble	Solid	DI Leach	
880-57282-4	T-1 (3')	Soluble	Solid	DI Leach	
880-57282-5	T-2 (0-1')	Soluble	Solid	DI Leach	
880-57282-6	T-2 (1.5')	Soluble	Solid	DI Leach	
880-57282-7	T-2 (2')	Soluble	Solid	DI Leach	
880-57282-8	T-2 (3')	Soluble	Solid	DI Leach	
MB 880-108694/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-108694/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-108694/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57282-7 MS	T-2 (2')	Soluble	Solid	DI Leach	
880-57282-7 MSD	T-2 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 108739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57282-1	T-1 (0-1')	Soluble	Solid	300.0	108694
880-57282-2	T-1 (1.5')	Soluble	Solid	300.0	108694
880-57282-3	T-1 (2')	Soluble	Solid	300.0	108694
880-57282-4	T-1 (3')	Soluble	Solid	300.0	108694
880-57282-5	T-2 (0-1')	Soluble	Solid	300.0	108694
880-57282-6	T-2 (1.5')	Soluble	Solid	300.0	108694
880-57282-7	T-2 (2')	Soluble	Solid	300.0	108694
880-57282-8	T-2 (3')	Soluble	Solid	300.0	108694
MB 880-108694/1-A	Method Blank	Soluble	Solid	300.0	108694
LCS 880-108694/2-A	Lab Control Sample	Soluble	Solid	300.0	108694
LCSD 880-108694/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	108694
880-57282-7 MS	T-2 (2')	Soluble	Solid	300.0	108694
880-57282-7 MSD	T-2 (2')	Soluble	Solid	300.0	108694

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-1

Matrix: Solid

Client Sample ID: T-1 (0-1') Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 16:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 16:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 15:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 15:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1			108739	04/25/25 20:51	CH	EET MID

Client Sample ID: T-1 (1.5') Lab Sample ID: 880-57282-2 Date Collected: 04/21/25 00:00 Matrix: Solid

Date Received: 04/23/25 14:28

Date Received: 04/23/25 14:28

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 17:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 15:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 15:33	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	108739	04/25/25 21:08	CH	EET MID

Client Sample ID: T-1 (2') Lab Sample ID: 880-57282-3 Date Collected: 04/21/25 00:00 **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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 17:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 17:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 16:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	108739	04/25/25 21:14	CH	EET MID

Client Sample ID: T-1 (3') Lab Sample ID: 880-57282-4

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

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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			5.01 g	5 mL	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 17:55	SM	EET MID

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Matrix: Solid

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Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-4

Matrix: Solid

Client Sample ID: T-1 (3')

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

	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			108815	04/26/25 16:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 16:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1			108739	04/25/25 21:20	CH	EET MID

Client Sample ID: T-2 (0-1') Lab Sample ID: 880-57282-5 Date Collected: 04/21/25 00:00 **Matrix: Solid**

Date Received: 04/23/25 14:28

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 18:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 16:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	108764	04/26/25 16:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	108739	04/25/25 21:26	CH	EET MID

Client Sample ID: T-2 (1.5') Lab Sample ID: 880-57282-6 Date Collected: 04/21/25 00:00 **Matrix: Solid**

Date Received: 04/23/25 14:28

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 18:36	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	108797	04/28/25 09:09	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	108783	04/28/25 16:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/28/25 16:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 16:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	108764	04/26/25 16:54	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1			108739	04/25/25 21:32	CH	EET MID

Client Sample ID: T-2 (2') Lab Sample ID: 880-57282-7

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 18:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 17:11	SM	EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 10/8/2025 10:46:54 AM

Lab Chronicle

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Lab Sample ID: 880-57282-7

Client Sample ID: T-2 (2') Date Collected: 04/21/25 00:00 Matrix: Solid Date Received: 04/23/25 14:28

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 17:11	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	108739	04/25/25 21:38	CH	EET MID

Lab Sample ID: 880-57282-8

Matrix: Solid

Date Collected: 04/21/25 00:00 Date Received: 04/23/25 14:28

Client Sample ID: T-2 (3')

	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	108567	04/24/25 11:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	108642	04/25/25 19:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			108831	04/25/25 19:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			108815	04/26/25 17:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	108562	04/24/25 11:17	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	108764	04/26/25 17:27	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	108694	04/25/25 13:30	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	108739	04/25/25 21:56	CH	EET MID

Laboratory References:

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

Eurofins Midland

Released to Imaging: 10/8/2025 10:46:54 AM

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-57282-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority		am	Identification Number	Expiration Date	
Texas	NELA	Р	T104704400	06-30-25	
	are included in this report, but ses not offer certification.	it 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: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

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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

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Sample Summary

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-57282-1

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57282-1	T-1 (0-1')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-2	T-1 (1.5')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-3	T-1 (2')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-4	T-1 (3')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-5	T-2 (0-1')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-6	T-2 (1.5')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-7	T-2 (2')	Solid	04/21/25 00:00	04/23/25 14:28
880-57282-8	T-2 (3')	Solid	04/21/25 00:00	04/23/25 14:28

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Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-57282-1

SDG Number: Eddy County, New Mexico

Login Number: 57282 List Source: Eurofins Midland List Number: 1

Creator: Vasquez, Julisa

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

<6mm (1/4").

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/27/2025 1:40:24 PM

JOB DESCRIPTION

Peakview Federal Battery Eddy County, new Mexico

JOB NUMBER

880-59775-1

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 6/27/2025 1:40:24 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Page 2 of 27

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6/27/2025

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Client: Carmona Resources Project/Site: Peakview Federal Battery Laboratory Job ID: 880-59775-1 SDG: Eddy County, new Mexico

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Definitions/Glossary

Job ID: 880-59775-1 Client: Carmona Resources Project/Site: Peakview Federal Battery SDG: Eddy County, new Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

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.

74 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**

Detection Limit (DoD/DOE) DΙ

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) Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NFG 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 RPD

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

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Peakview Federal Battery

Job ID: 880-59775-1

Job ID: 880-59775-1 Eurofins Midland

Job Narrative 880-59775-1

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

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

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

Receipt

The samples were received on 6/26/2025 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.4°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113168 and analytical batch 880-113189 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.

Eurofins Midland

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Client Sample Results

Client: Carmona Resources

Job ID: 880-59775-1 SDG: Eddy County, new Mexico Project/Site: Peakview Federal Battery

Client Sample ID: CS-1 (3')

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

Lab Sample ID: 880-59775-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 18:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/26/25 12:30	06/26/25 18:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/26/25 12:30	06/26/25 18:38	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	11	0.00398		mg/Kg			06/26/25 18:38	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total TPH <50.3 U 50.3 06/27/25 00:51 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <50.3 U Gasoline Range Organics 50.3 06/26/25 12:03 06/27/25 00:51 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.3 U 50.3 mg/Kg 06/26/25 12:03 06/27/25 00:51 C10-C28) Oil Range Organics (Over C28-C36) <50.3 U 50.3 mg/Kg 06/26/25 12:03 06/27/25 00:51 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane (Surr) 87 70 - 130 06/26/25 12:03 06/27/25 00:51 83 70 - 130 06/26/25 12:03 06/27/25 00:51

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Solubl	е						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		9.92		mg/Kg			06/27/25 06:21	1

Client Sample ID: CS-2 (3') Lab Sample ID: 880-59775-2 Date Collected: 06/24/25 00:00 **Matrix: Solid**

Date Received: 06/26/25 11:05

o-Terphenyl (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 18:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 18:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/26/25 12:30	06/26/25 18:58	1
1,4-Difluorobenzene (Surr)	80		70 - 130				06/26/25 12:30	06/26/25 18:58	1

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID: 880-59775-2

Matrix: Solid

Client Sample ID: CS-2 (3') Date Collected: 06/24/25 00:00

Date Received: 06/26/25 11:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/26/25 18:58	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	<49.7	U	49.7		mg/Kg			06/27/25 01:06	1
_ Method: SW846 8015B NM - Dies	eal Panga Orga	nics (DPO)	(GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:06	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:06	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				06/26/25 12:03	06/27/25 01:06	1
o-Terphenyl (Surr)	86		70 - 130				06/26/25 12:03	06/27/25 01:06	1
- Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.4		10.1		mg/Kg			06/27/25 06:28	

Client Sample ID: SW-1 (3') Lab Sample ID: 880-59775-3 Date Collected: 06/24/25 00:00 **Matrix: Solid**

Date Received: 06/26/25 11:05

Released to Imaging: 10/8/2025 10:46:54 AM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 19:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 19:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 19:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 19:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 19:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/26/25 12:30	06/26/25 19:19	1
1 1 Differenchemanne (Cerry)	0.7								
	97 - Total BTEX Cald	culation	70 - 130				06/26/25 12:30	06/26/25 19:19	:
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL		<u>D</u>	06/26/25 12:30 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Dies	- Total BTEX Calc Result < 0.00398 sel Range Organ	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX	- Total BTEX Calc Result < 0.00398 sel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg	_ =	Prepared	Analyzed 06/26/25 19:19	
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die: Analyte Total TPH	- Total BTEX Calc Result <0.00398 sel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 49.9		mg/Kg	_ =	Prepared	Analyzed 06/26/25 19:19 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 <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 49.9	MDL	mg/Kg	_ =	Prepared	Analyzed 06/26/25 19:19 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die: Analyte	- Total BTEX Calc Result <0.00398 sel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u></u>	Prepared Prepared	Analyzed 06/26/25 19:19 Analyzed 06/27/25 01:22	Dil Fac

Job ID: 880-59775-1

Client: Carmona Resources

Project/Site: Peakview Federal Battery

SDG: Eddy County, new Mexico

Client Sample ID: SW-1 (3')

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

Lab Sample ID: 880-59775-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/26/25 12:03	06/27/25 01:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			06/26/25 12:03	06/27/25 01:22	1
o-Terphenyl (Surr)	88		70 - 130			06/26/25 12:03	06/27/25 01:22	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		10.0		mg/Kg			06/27/25 06:35	1

Client Sample ID: SW-2 (3')

Date Received: 06/26/25 11:05

Lab Sample ID: 880-59775-4

Matrix: Solid

Date Collected: 06/24/25 00:00

						_			
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
Benzene	<0.00200		0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/26/25 12:30	06/26/25 19:39	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/26/25 12:30	06/26/25 19:39	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	103		70 - 130				06/26/25 12:30	06/26/25 19:39	
1,4-Difluorobenzene (Surr)	87		70 - 130				06/26/25 12:30	06/26/25 19:39	
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/26/25 19:39	
Method: SW846 8015 NM - Diese Analyte		ics (DRO) (Qualifier	GC) RL	MDI	Unit	D	Prepared	Amalumad	
			NL.	MIDL	Oilit		Frepareu	Analyzed	DII Fa
Total TPH	<49.7		49.7	WIDE	mg/Kg	=	Frepareu	06/27/25 01:38	Dil Fa
	<49.7	U	49.7	MDL		=	- герагеи		DII F
Total TPH	<49.7 sel Range Orga	U	49.7			<u></u> 	Prepared		
Total TPH Method: SW846 8015B NM - Die	<49.7 sel Range Orga	nics (DRO) Qualifier	49.7 (GC)		mg/Kg	<u> </u>		06/27/25 01:38	
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10	<49.7 sel Range Orga Result	nics (DRO) Qualifier	49.7 (GC)		mg/Kg	<u> </u>	Prepared	06/27/25 01:38 Analyzed	
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.7 sel Range Orga Result	nics (DRO) Qualifier	49.7 (GC)		mg/Kg	<u> </u>	Prepared	06/27/25 01:38 Analyzed	
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7 sel Range Orga Result <49.7 <49.7	nics (DRO) Qualifier U	49.7 (GC) RL 49.7 49.7		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/26/25 12:03	06/27/25 01:38 Analyzed 06/27/25 01:38 06/27/25 01:38	
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.7 sel Range Orga Result <49.7	nics (DRO) Qualifier U	49.7 (GC) RL 49.7		mg/Kg Unit mg/Kg	<u> </u>	Prepared 06/26/25 12:03	06/27/25 01:38 Analyzed 06/27/25 01:38	
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 %Recovery	nics (DRO) Qualifier U	49.7 (GC) RL 49.7 49.7 49.7 Limits		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/26/25 12:03 06/26/25 12:03 06/26/25 12:03 Prepared	06/27/25 01:38 Analyzed 06/27/25 01:38 06/27/25 01:38 06/27/25 01:38 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.7 sel Range Orga Result <49.7 <49.7 <49.7	nics (DRO) Qualifier U	49.7 (GC) RL 49.7 49.7 49.7		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/26/25 12:03 06/26/25 12:03	06/27/25 01:38 Analyzed 06/27/25 01:38 06/27/25 01:38	Dil Fa
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 %Recovery	nics (DRO) Qualifier U	49.7 (GC) RL 49.7 49.7 49.7 Limits		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/26/25 12:03 06/26/25 12:03 06/26/25 12:03 Prepared	06/27/25 01:38 Analyzed 06/27/25 01:38 06/27/25 01:38 06/27/25 01:38 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	<49.7 sel Range Orga Result <49.7 <49.7 <49.7 <849.7 %Recovery 84 82	nics (DRO) Qualifier U U Qualifier	49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/26/25 12:03 06/26/25 12:03 06/26/25 12:03 Prepared 06/26/25 12:03	06/27/25 01:38 Analyzed 06/27/25 01:38 06/27/25 01:38 06/27/25 01:38 Analyzed 06/27/25 01:38	Dil Fa
Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	\$\sel \text{Range Orga} \frac{\text{Result}}{<49.7}\$ \$\sell \text{49.7}\$ \$\sell \text{49.7}\$ \$\sell \text{Recovery}\$ \$\text{84}\$ \$\text{82}\$ \$\text{Chromatograph}\$	nics (DRO) Qualifier U U Qualifier	49.7 (GC) RL 49.7 49.7 49.7 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/26/25 12:03 06/26/25 12:03 06/26/25 12:03 Prepared 06/26/25 12:03	06/27/25 01:38 Analyzed 06/27/25 01:38 06/27/25 01:38 06/27/25 01:38 Analyzed 06/27/25 01:38	Dil Fa

Eurofins Midland

6/27/2025

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Client Sample ID: SW-3 (3') Date Collected: 06/24/25 00:00

Date Received: 06/26/25 11:05

Job ID: 880-59775-1 SDG: Eddy County, new Mexico

Matrix: Solid

.ab	Samp	le II	D : 8	880	-597	75-5	
				B.4	4	0 - 11 -1	

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC))						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:30	06/26/25 20:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:30	06/26/25 20:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:30	06/26/25 20:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/26/25 12:30	06/26/25 20:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:30	06/26/25 20:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/26/25 12:30	06/26/25 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/26/25 12:30	06/26/25 20:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/26/25 12:30	06/26/25 20:00	1
Method: TAL SOP Total BTEX - Tot	al BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/26/25 20:00	1
Method: SW846 8015 NM - Diesel F	Range Organ	ics (DRO) (GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/25 01:54	1
 Method: SW846 8015B NM - Diesel	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		06/26/25 12:03	06/27/25 01:54	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		06/26/25 12:03	06/27/25 01:54	1
C10-C28)	<49.8		49.8		no ar /1/ ar		06/26/25 12:03	06/27/25 01:54	1
Oil Range Organics (Over C28-C36)	\49.8	U	49.0		mg/Kg		00/20/20 12:03	00/27/20 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 Chlaracatona (Curr)			70 - 130				06/26/25 12:03	06/27/25 01:54	1
1-Chlorooctane (Surr)	85		70 - 130				00/20/25 12.03	06/27/25 01.54	1

Client Sample ID: SW-4 (3') Lab Sample ID: 880-59775-6 Date Collected: 06/24/25 00:00 **Matrix: Solid**

RL

9.96

MDL Unit

mg/Kg

D

Prepared

06/26/25 12:30

06/26/25 12:30

Analyzed

06/27/25 07:04

06/26/25 20:20

06/26/25 20:20

Dil Fac

Date Received: 06/26/25 11:05

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

109

105

92

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Unit D Dil Fac RL Prepared Analyzed Benzene <0.00200 U 0.00200 mg/Kg 06/26/25 12:30 06/26/25 20:20 Toluene <0.00200 U 0.00200 mg/Kg 06/26/25 12:30 06/26/25 20:20 Ethylbenzene <0.00200 U 0.00200 mg/Kg 06/26/25 12:30 06/26/25 20:20 m,p-Xylenes <0.00401 U 0.00401 mg/Kg 06/26/25 12:30 06/26/25 20:20 o-Xylene <0.00200 U 0.00200 mg/Kg 06/26/25 12:30 06/26/25 20:20 <0.00401 U 0.00401 06/26/25 12:30 06/26/25 20:20 Xylenes, Total mg/Kg Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac

70 - 130

70 - 130

Client Sample Results

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID: 880-59775-6

Matrix: Solid

Client Sample ID: SW-4 (3')

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/26/25 20:20	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/25 02:10	1
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/27/25 02:10	1
Method: SW846 8015B NM - Dies Analyte	• •	nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
(GRO)-C6-C10									
	4F0 0	11	50.0		mg/Kg		06/26/25 12:03	06/27/25 02:10	1
Diesel Range Organics (Over	<50.0	U	30.0						
C10-C28)									
0 0 (<50.0 <50.0		50.0		mg/Kg		06/26/25 12:03	06/27/25 02:10	1
C10-C28)		U			mg/Kg		06/26/25 12:03 Prepared	06/27/25 02:10 Analyzed	1 Dil Fac
C10-C28) Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg				1 <i>Dil Fac</i>

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 114 10.0 mg/Kg 06/27/25 07:11 Client Sample ID: SW-5 (3') Lab Sample ID: 880-59775-7

Date Collected: 06/24/25 00:00

Xylenes, Total

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Date Received: 06/26/25 11:05											
Method: SW846 8021B -	Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 21:54	1		
Toluene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 21:54	1		
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 21:54	1		
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		06/26/25 12:30	06/26/25 21:54	1		
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/26/25 12:30	06/26/25 21:54	1		

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/26/25 12:30	06/26/25 21:54	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/26/25 12:30	06/26/25 21:54	1

0.00398

mg/Kg

Method: TAL SOP Total B	TEX - Total BTEX Calculation						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398 U	0.00398	mg/Kg			06/26/25 21:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<50.1	U	50.1		mg/Kg			06/27/25 02:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 02:26	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 02:26	1

Eurofins Midland

Matrix: Solid

06/26/25 12:30

06/26/25 21:54

<0.00398 U

Released to Imaging: 10/8/2025 10:46:54 AM

Client Sample Results

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID: 880-59775-7

Matrix: Solid

Client Sample ID: SW-5 (3')

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	m	ng/Kg		06/26/25 12:03	06/27/25 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				06/26/25 12:03	06/27/25 02:26	1
o-Terphenyl (Surr)	88		70 ₋ 130				06/26/25 12:03	06/27/25 02:26	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103	10.0	mg/Kg			06/27/25 07:18	1

Client Sample ID: SW-6 (3') Date Collected: 06/24/25 00:00

Lab Sample ID: 880-59775-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/26/25 12:30	06/26/25 22:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/26/25 12:30	06/26/25 22:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/26/25 12:30	06/26/25 22:15	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		06/26/25 12:30	06/26/25 22:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/26/25 12:30	06/26/25 22:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/26/25 12:30	06/26/25 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/26/25 12:30	06/26/25 22:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/26/25 12:30	06/26/25 22:15	1
Method: TAL SOP Total BTEX -	T-4-LDTEV O-L								
			DI.	MDI	l lmi4	_	Duamanad	Amakanad	Dil Faa
Analyte	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed 06/26/25 22:15	Dil Fac
Analyte Total BTEX	Result <0.00396	Qualifier U	0.00396	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/26/25 22:15	Dil Fac
Analyte	Result <0.00396	Qualifier U	0.00396	MDL	mg/Kg	<u>D</u>	Prepared		1
Analyte Total BTEX Method: SW846 8015 NM - Dies	Result <0.00396	Qualifier U ics (DRO) (Qualifier	0.00396 GC)		mg/Kg		<u> </u>	06/26/25 22:15	Dil Fac Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Result <0.00396 sel Range Organ Result <50.1	Qualifier U ics (DRO) (Qualifier U	0.00396 GC) RL 50.1		mg/Kg		<u> </u>	06/26/25 22:15 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Result <0.00396 sel Range Organ Result <50.1 esel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00396 GC) RL 50.1		mg/Kg Unit mg/Kg		<u> </u>	06/26/25 22:15 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Dies	Result <0.00396 sel Range Organ Result <50.1 esel Range Orga Result	Qualifier U ics (DRO) (Qualifier U nics (DRO)	0.00396 GC) RL 50.1	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	06/26/25 22:15 Analyzed 06/27/25 02:42	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <0.00396 sel Range Organ Result <50.1 esel Range Orga Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00396 GC) RL 50.1 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	06/26/25 22:15 Analyzed 06/27/25 02:42 Analyzed	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 02:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 02:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				06/26/25 12:03	06/27/25 02:42	1
o-Terphenyl (Surr)	85		70 - 130				06/26/25 12:03	06/27/25 02:42	1

RL

10.1

MDL Unit

mg/Kg

Prepared

Result Qualifier

102

Eurofins Midland

Analyzed

06/27/25 07:25

Dil Fac

Analyte

Chloride

Surrogate Summary

Client: Carmona Resources

Job ID: 880-59775-1

Project/Site: Peakview Federal Battery

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)	
880-59717-A-1-E MS	Matrix Spike	106	97	
880-59717-A-1-F MSD	Matrix Spike Duplicate	97	103	
880-59775-1	CS-1 (3')	103	94	
880-59775-2	CS-2 (3')	104	80	
880-59775-3	SW-1 (3')	102	97	
880-59775-4	SW-2 (3')	103	87	
880-59775-5	SW-3 (3')	100	97	
880-59775-6	SW-4 (3')	105	92	
880-59775-7	SW-5 (3')	109	89	
880-59775-8	SW-6 (3')	107	91	
LCS 880-113110/1-A	Lab Control Sample	98	103	
LCSD 880-113110/2-A	Lab Control Sample Dup	106	97	
	Method Blank	100	94	

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)	
80-59774-A-1-B MS	Matrix Spike	80	82	
80-59774-A-1-C MSD	Matrix Spike Duplicate	92	83	
80-59775-1	CS-1 (3')	87	83	
80-59775-2	CS-2 (3')	89	86	
80-59775-3	SW-1 (3')	91	88	
80-59775-4	SW-2 (3')	84	82	
80-59775-5	SW-3 (3')	85	82	
80-59775-6	SW-4 (3')	88	86	
80-59775-7	SW-5 (3')	90	88	
80-59775-8	SW-6 (3')	87	85	
CS 880-113147/2-A	Lab Control Sample	108	120	
CSD 880-113147/3-A	Lab Control Sample Dup	106	117	
B 880-113147/1-A	Method Blank	106	111	

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Client: Carmona Resources Job ID: 880-59775-1 Project/Site: Peakview Federal Battery SDG: Eddy County, new Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-113110/5-A

Matrix: Solid

Analysis Batch: 113162

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 113110

1

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/25 09:13	06/26/25 16:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/25 09:13	06/26/25 16:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/25 09:13	06/26/25 16:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/26/25 09:13	06/26/25 16:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/25 09:13	06/26/25 16:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/26/25 09:13	06/26/25 16:55	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	06/26/25 09:13	06/26/25 16:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/26/25 09:13	06/26/25 16:55	1

Lab Sample ID: LCS 880-113110/1-A

Matrix: Solid

Analysis Batch: 113162

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 113110

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09647		mg/Kg		96	70 - 130	
Toluene	0.100	0.08468		mg/Kg		85	70 - 130	
Ethylbenzene	0.100	0.09020		mg/Kg		90	70 - 130	
m,p-Xylenes	0.200	0.1755		mg/Kg		88	70 - 130	
o-Xylene	0.100	0.09353		mg/Kg		94	70 - 130	

LCS LCS

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

Lab Sample ID: LCSD 880-113110/2-A

Matrix: Solid

Analysis Batch: 113162

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 113110

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Limit 90 Benzene 0.100 0.09009 mg/Kg 70 - 130 35 Toluene 0.100 0.08438 mg/Kg 84 70 - 130 0 35 Ethylbenzene 0.100 0.09258 mg/Kg 93 70 - 130 35 3 m,p-Xylenes 0.200 0.1843 mg/Kg 92 70 - 130 35 0.100 0.09883 o-Xylene mg/Kg 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1.4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-59717-A-1-E MS

Matrix: Solid

Analysis Batch: 113162

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

Prep Batch: 113110

MS MS Sample Sample Spike %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits <0.00200 U 0.100 0.08459 85 70 - 130 Benzene mg/Kg Toluene <0.00200 U 0.100 0.07524 mg/Kg 75 70 - 130

Eurofins Midland

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Client: Carmona Resources Job ID: 880-59775-1 SDG: Eddy County, new Mexico Project/Site: Peakview Federal Battery

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

Lab Sample ID: 880-59717-A-1-E MS

Matrix: Solid

Analysis Batch: 113162

Prep Type: Total/NA

Prep Batch: 113110

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	<0.00200	U	0.100	0.07831		mg/Kg		78	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1518		mg/Kg		76	70 - 130
o-Xylene	<0.00200	U	0.100	0.08153		mg/Kg		82	70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 113110

Matrix: Solid Analysis Batch: 113162

Lab Sample ID: 880-59717-A-1-F MSD

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09304		mg/Kg		93	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.07957		mg/Kg		80	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.08173		mg/Kg		82	70 - 130	4	35
m,p-Xylenes	<0.00400	U	0.200	0.1571		mg/Kg		79	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08375		mg/Kg		84	70 - 130	3	35

MSD MSD

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

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

Lab Sample ID: MB 880-113147/1-A

Matrix: Solid

Analysis Batch: 113158

Client	Samo	le ID	: Method	Blank
Olicit	Ourip	יםו טו	. Mictiloa	Dialik

Prep Type: Total/NA

Prep Batch: 113147

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/26/25 23:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/26/25 23:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/26/25 23:16	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	06/26/25 12:03	06/26/25 23:16	1
o-Terphenyl (Surr)	111		70 - 130	06/26/25 12:03	06/26/25 23:16	1

Lab Sample ID: LCS 880-113147/2-A

Matrix: Solid

Analysis Batch: 113158

Client Sample	ID: Lab	Control S	Sample
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Prep Type: Total/NA Prep Batch: 113147

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	932.5		mg/Kg		93	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1008		mg/Kg		101	70 - 130	
C10-C28)								

Eurofins Midland

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Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

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

Lab Sample ID: LCS 880-113147/2-A

Matrix: Solid

Analysis Batch: 113158

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 113147

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 108 70 - 130 o-Terphenyl (Surr) 120 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 113147

Lab Sample ID: LCSD 880-113147/3-A **Matrix: Solid**

Lab Sample ID: 880-59774-A-1-B MS

Analysis Batch: 113158

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	921.2		mg/Kg		92	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	993.5		mg/Kg		99	70 - 130	1	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 113147

Sample Sample Spike MS MS Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.1 U 999 737.2 mg/Kg 74 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 999 873.1 mg/Kg 87 70 - 130

C10-C28)

Matrix: Solid

Analysis Batch: 113158

MS MS %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane (Surr) 80 o-Terphenyl (Surr) 82 70 - 130

Lab Sample ID: 880-59774-A-1-C MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid**

Analysis Batch: 113158

Prep Type: Total/NA

Prep Batch: 113147

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics U 999 733.0 <50.1 mg/Kg 73 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 999 848.4 mg/Kg 85 70 - 130 20

C10-C28)

MSD MSD

Surrogate	%Recovery Qualifie	er Limits
1-Chlorooctane (Surr)	92	70 - 130
o-Terphenyl (Surr)	83	70 - 130

Client: Carmona Resources

Job ID: 880-59775-1 Project/Site: Peakview Federal Battery SDG: Eddy County, new Mexico

Prep Type: Soluble

Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-113168/1-A

Matrix: Solid

Analysis Batch: 113189

MB MB

Dil Fac MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 06/27/25 05:37

Lab Sample ID: LCS 880-113168/2-A

Matrix: Solid

Analysis Batch: 113189

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 255.1 mg/Kg 102 90 - 110

Lab Sample ID: LCSD 880-113168/3-A

Matrix: Solid

Analysis Batch: 113189

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 254.2 mg/Kg 102 90 - 110

Lab Sample ID: 880-59774-A-1-F MS

Matrix: Solid

Analysis Batch: 113189

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier %Rec Unit Limits Chloride 128 F1 250 334.8 F1 83 90 - 110 mg/Kg

Lab Sample ID: 880-59774-A-1-G MSD

Matrix: Solid

Analysis Batch: 113189

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 128 F1 250 334.5 F1 mg/Kg 83 90 - 110 20

Client: Carmona Resources Project/Site: Peakview Federal Battery Job ID: 880-59775-1

SDG: Eddy County, new Mexico

GC VOA

Prep Batch: 113110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Total/NA	Solid	5035	
880-59775-2	CS-2 (3')	Total/NA	Solid	5035	
880-59775-3	SW-1 (3')	Total/NA	Solid	5035	
880-59775-4	SW-2 (3')	Total/NA	Solid	5035	
880-59775-5	SW-3 (3')	Total/NA	Solid	5035	
880-59775-6	SW-4 (3')	Total/NA	Solid	5035	
880-59775-7	SW-5 (3')	Total/NA	Solid	5035	
880-59775-8	SW-6 (3')	Total/NA	Solid	5035	
MB 880-113110/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-113110/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-113110/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-59717-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-59717-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 113162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Total/NA	Solid	8021B	113110
880-59775-2	CS-2 (3')	Total/NA	Solid	8021B	113110
880-59775-3	SW-1 (3')	Total/NA	Solid	8021B	113110
880-59775-4	SW-2 (3')	Total/NA	Solid	8021B	113110
880-59775-5	SW-3 (3')	Total/NA	Solid	8021B	113110
880-59775-6	SW-4 (3')	Total/NA	Solid	8021B	113110
880-59775-7	SW-5 (3')	Total/NA	Solid	8021B	113110
880-59775-8	SW-6 (3')	Total/NA	Solid	8021B	113110
MB 880-113110/5-A	Method Blank	Total/NA	Solid	8021B	113110
LCS 880-113110/1-A	Lab Control Sample	Total/NA	Solid	8021B	113110
LCSD 880-113110/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	113110
880-59717-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	113110
880-59717-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	113110

Analysis Batch: 113275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Total/NA	Solid	Total BTEX	
880-59775-2	CS-2 (3')	Total/NA	Solid	Total BTEX	
880-59775-3	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-59775-4	SW-2 (3')	Total/NA	Solid	Total BTEX	
880-59775-5	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-59775-6	SW-4 (3')	Total/NA	Solid	Total BTEX	
880-59775-7	SW-5 (3')	Total/NA	Solid	Total BTEX	
880-59775-8	SW-6 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 113147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-59775-2	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-59775-3	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-59775-4	SW-2 (3')	Total/NA	Solid	8015NM Prep	
880-59775-5	SW-3 (3')	Total/NA	Solid	8015NM Prep	
880-59775-6	SW-4 (3')	Total/NA	Solid	8015NM Prep	

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

GC Semi VOA (Continued)

Prep Batch: 113147 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-7	SW-5 (3')	Total/NA	Solid	8015NM Prep	
880-59775-8	SW-6 (3')	Total/NA	Solid	8015NM Prep	
MB 880-113147/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113147/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-113147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-59774-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-59774-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Total/NA	Solid	8015B NM	113147
880-59775-2	CS-2 (3')	Total/NA	Solid	8015B NM	113147
880-59775-3	SW-1 (3')	Total/NA	Solid	8015B NM	113147
880-59775-4	SW-2 (3')	Total/NA	Solid	8015B NM	113147
880-59775-5	SW-3 (3')	Total/NA	Solid	8015B NM	113147
880-59775-6	SW-4 (3')	Total/NA	Solid	8015B NM	113147
880-59775-7	SW-5 (3')	Total/NA	Solid	8015B NM	113147
880-59775-8	SW-6 (3')	Total/NA	Solid	8015B NM	113147
MB 880-113147/1-A	Method Blank	Total/NA	Solid	8015B NM	113147
LCS 880-113147/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113147
LCSD 880-113147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	113147
880-59774-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	113147
880-59774-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	113147

Analysis Batch: 113242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Total/NA	Solid	8015 NM	
880-59775-2	CS-2 (3')	Total/NA	Solid	8015 NM	
880-59775-3	SW-1 (3')	Total/NA	Solid	8015 NM	
880-59775-4	SW-2 (3')	Total/NA	Solid	8015 NM	
880-59775-5	SW-3 (3')	Total/NA	Solid	8015 NM	
880-59775-6	SW-4 (3')	Total/NA	Solid	8015 NM	
880-59775-7	SW-5 (3')	Total/NA	Solid	8015 NM	
880-59775-8	SW-6 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 113168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Soluble	Solid	DI Leach	
880-59775-2	CS-2 (3')	Soluble	Solid	DI Leach	
880-59775-3	SW-1 (3')	Soluble	Solid	DI Leach	
880-59775-4	SW-2 (3')	Soluble	Solid	DI Leach	
880-59775-5	SW-3 (3')	Soluble	Solid	DI Leach	
880-59775-6	SW-4 (3')	Soluble	Solid	DI Leach	
880-59775-7	SW-5 (3')	Soluble	Solid	DI Leach	
880-59775-8	SW-6 (3')	Soluble	Solid	DI Leach	
MB 880-113168/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113168/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113168/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-59774-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

HPLC/IC (Continued)

Leach Batch: 113168 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 113189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59775-1	CS-1 (3')	Soluble	Solid	300.0	113168
880-59775-2	CS-2 (3')	Soluble	Solid	300.0	113168
880-59775-3	SW-1 (3')	Soluble	Solid	300.0	113168
880-59775-4	SW-2 (3')	Soluble	Solid	300.0	113168
880-59775-5	SW-3 (3')	Soluble	Solid	300.0	113168
880-59775-6	SW-4 (3')	Soluble	Solid	300.0	113168
880-59775-7	SW-5 (3')	Soluble	Solid	300.0	113168
880-59775-8	SW-6 (3')	Soluble	Solid	300.0	113168
MB 880-113168/1-A	Method Blank	Soluble	Solid	300.0	113168
LCS 880-113168/2-A	Lab Control Sample	Soluble	Solid	300.0	113168
LCSD 880-113168/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113168
880-59774-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	113168
880-59774-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	113168

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Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID: 880-59775-1

Matrix: Solid

Client Sample ID: CS-1 (3') Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 18:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 00:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 00:51	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 06:21	CS	EET MID

Client Sample ID: CS-2 (3') Lab Sample ID: 880-59775-2

Date Collected: 06/24/25 00:00 Matrix: Solid Date Received: 06/26/25 11:05

_	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 18:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 01:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 06:28	CS	EET MID

Client Sample ID: SW-1 (3') Lab Sample ID: 880-59775-3 Date Collected: 06/24/25 00:00

Date Received: 06/26/25 11:05

	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 19:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 01:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 01:22	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 06:35	CS	EET MID

Client Sample ID: SW-2 (3') Lab Sample ID: 880-59775-4

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 19:39	SA	EET MID

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Matrix: Solid

Matrix: Solid

Lab Chronicle

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Client Sample ID: SW-2 (3')

Date Collected: 06/24/25 00:00

Date Received: 06/26/25 11:05

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID: 880-59775-4

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			113242	06/27/25 01:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 01:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 06:42	CS	EET MID

Client Sample ID: SW-3 (3') Lab Sample ID: 880-59775-5 Date Collected: 06/24/25 00:00 **Matrix: Solid**

Date Received: 06/26/25 11:05

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 5035 Total/NA Prep 4.97 g 5 mL 113110 06/26/25 12:30 MNR **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 113162 06/26/25 20:00 MNR **EET MID** 1 Total/NA Total BTEX Analysis 1 113275 06/26/25 20:00 SA **EET MID** Total/NA Analysis 8015 NM 113242 06/27/25 01:54 **EET MID** SA Total/NA Prep 8015NM Prep 10.05 g 10 mL 113147 06/26/25 12:03 FC **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 113158 06/27/25 01:54 TKC **EET MID** Soluble Leach DI Leach 5.02 g 50 mL 113168 06/26/25 14:35 SMC **EET MID** Soluble Analysis 300.0 1 113189 06/27/25 07:04 CS **EET MID**

Client Sample ID: SW-4 (3') Lab Sample ID: 880-59775-6

Date Collected: 06/24/25 00:00

Date Received: 06/26/25 11:05

	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 20:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 20:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 02:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 02:10	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 07:11	CS	EET MID

Client Sample ID: SW-5 (3') Lab Sample ID: 880-59775-7

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

_	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 21:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 02:26	SA	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.99 g 1 uL	10 mL 1 uL	113147 113158	06/26/25 12:03 06/27/25 02:26	FC TKC	EET MID EET MID

Eurofins Midland

Page 21 of 27

Matrix: Solid

Matrix: Solid

Lab Chronicle

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Client Sample ID: SW-5 (3')

Date Collected: 06/24/25 00:00

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID: 880-59775-7

Matrix: Solid

Date Received: 06/26/25 11:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 07:18	CS	EET MID

Client Sample ID: SW-6 (3') Lab Sample ID: 880-59775-8

Date Collected: 06/24/25 00:00 **Matrix: Solid**

Date Received: 06/26/25 11:05

	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	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 22:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 22:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 02:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 02:42	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 07:25	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-59775-1

Project/Site: Peakview Federal Battery

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	06-30-25
• ,	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: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

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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: Peakview Federal Battery

Job ID: 880-59775-1

SDG: Eddy County, new Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59775-1	CS-1 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-2	CS-2 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-3	SW-1 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-4	SW-2 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-5	SW-3 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-6	SW-4 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-7	SW-5 (3')	Solid	06/24/25 00:00	06/26/25 11:05
880-59775-8	SW-6 (3')	Solid	06/24/25 00:00	06/26/25 11:05

Chain of Custody

202		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com		SW-6 (3')	SW-5 (3')	SW-4 (3")	SW-3 (3')	SW-2 (3')	SW-1 (3')	CS-2 (3')	CS-1 (3')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:			Project Manager:	
1		l to Mike Carmo		(3')	(3')	(3')	(3")	(3')	(3')	(3')	(3')	itification		Yes	Yes	(Yes				Eddy		Peak	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Conner Moehring	
	Relinquished	na / Mcarmo		6/24/2025	6/24/2025	6/24/2025	6/24/2025	6/24/2025	6/24/2025	6/24/2025	6/24/2025	Date		No (N/A	No ANA	No	Temp Blank:		CMM	Eddy County, New Mexico	2659	Peakview Federal Battery		01	ite 500	rces	g	
	Relinquished by: (Signature)	na@carmonar										Time	Corrected Temperature	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (No			Mexico		Battery						
		esources.com		×	×	×	×	×	×	×	×	Soil	erature:	ading:	ה		Wet Ice:			Due Date:	□ Routine	Tur	Email:					
		and Conner M		8	Co	S	S	Co	Co	Co	Comp	Water Comp	Ċ	Ç	>!	\frac{1}{2}	Yes No)		24 HR TAT	☑ Rush	Turn Around	iii: mcarmona@carmonaresources.com	City, State ZIP	Address:	Company Name:	Bill to: (if different)	
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1 /05		@carm		×	×	×	×	×	×	×	×			С	hlor	ide :	300.0						13				Carmona Resources	
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D	Received by: (Signature)		\parallel	+	+		H		\vdash		-	_	_	_		-						TSI	Deliverables: EDD [eporting	State of Project:	rogram:		
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				+	\dagger	r							Na C	10 A	Na ₂ S	NaH	H ₃ PC	H ₂ S0 ₄ : H ₂	HCL: HC	Cool	None: NO		ADaP I			wnfield	Work Order Comments	
S												Sampl	NaUn+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ U ₃ : NaSU ₃	NaHSO4: NABIS	H₃PO₄: HP	4: H ₂	HC.	Cool: Cool	NO	Preservative Codes	Other:	Reporting: Level III LPS 170S LIRRP	7	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC	nents	
25/25	Date.											Sample Comments	DIC ACIC	VaOH: 2	SO3	SIS		Nac	Ä	Me	DI	vative (er:	Ē]			
10	Date/Time	l. L.										nents	SAPC					NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Codes		Level IV		Buperfund		

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-59775-1

SDG Number: Eddy County, new Mexico

Login Number: 59775

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	·
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	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 6/27/2025 1:23:58 PM

JOB DESCRIPTION

Peakview Federal Battery Eddy County, new Mexico

JOB NUMBER

880-59774-1

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 6/27/2025 1:23:58 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies Page 2 of 19 6/27/2025 Released to Imaging: 10/8/2025 10:46:54 AM

Client: Carmona Resources Project/Site: Peakview Federal Battery Laboratory Job ID: 880-59774-1 SDG: Eddy County, new Mexico

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-59774-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, new Mexico

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Qualifiers

GC VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier Qualifier Description

F1 MS and/or MSD recovery exceeds control limits.

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

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Case Narrative

Client: Carmona Resources
Project: Peakview Federal Battery

Job ID: 880-59774-1

Job ID: 880-59774-1 Eurofins Midland

Job Narrative 880-59774-1

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

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

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

Receipt

The sample was received on 6/26/2025 11:05 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.4°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-113168 and analytical batch 880-113189 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.

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Client Sample Results

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59774-1

SDG: Eddy County, new Mexico

ole ID: 880-59774-1

trix: Solid

Client Sample ID: Backfill	Lab Sample ID: 880-8
Date Collected: 06/24/25 00:00	Matr

Date Received: 06/26/25 11:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	
Toluene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/26/25 12:17	06/26/25 19:07	
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/26/25 12:17	06/26/25 19:07	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				06/26/25 12:17	06/26/25 19:07	
1,4-Difluorobenzene (Surr)	96		70 - 130				06/26/25 12:17	06/26/25 19:07	
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/26/25 19:07	
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.1	U	50.1		mg/Kg			06/27/25 00:03	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 00:03	
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 00:03	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 00:03	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	84		70 - 130				06/26/25 12:03	06/27/25 00:03	
o-Terphenyl (Surr)	82		70 - 130				06/26/25 12:03	06/27/25 00:03	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	128		9.98		mg/Kg			06/27/25 05:59	

Surrogate Summary

Client: Carmona Resources

Job ID: 880-59774-1

Project/Site: Peakview Federal Battery

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)	
880-59671-A-1-B MS	Matrix Spike	93	90	
880-59671-A-1-C MSD	Matrix Spike Duplicate	93	94	
880-59774-1	Backfill	109	96	
LCS 880-112989/1-A	Lab Control Sample	94	89	
LCSD 880-112989/2-A	Lab Control Sample Dup	92	89	
MB 880-112989/5-A	Method Blank	94	94	
Surrogate Legend				
BFB = 4-Bromofluorober	nzene (Surr)			
DFBZ = 1,4-Difluorobena	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1	
₋ab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-59774-1	Backfill	84	82	
880-59774-1 MS	Backfill	80	82	
880-59774-1 MSD	Backfill	92	83	
LCS 880-113147/2-A	Lab Control Sample	108	120	
LCSD 880-113147/3-A	Lab Control Sample Dup	106	117	
MB 880-113147/1-A	Method Blank	106	111	

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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Job ID: 880-59774-1 Client: Carmona Resources Project/Site: Peakview Federal Battery SDG: Eddy County, new Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-112989/5-A

Matrix: Solid

Analysis Batch: 112995

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 112989

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:35	06/26/25 11:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:35	06/26/25 11:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:35	06/26/25 11:14	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/25/25 09:35	06/26/25 11:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/25/25 09:35	06/26/25 11:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/25/25 09:35	06/26/25 11:14	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/25/25 09:35	06/26/25 11:14	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/25/25 09:35	06/26/25 11:14	1

Lab Sample ID: LCS 880-112989/1-A

Matrix: Solid

Analysis Batch: 112995

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 112989

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.09277 mg/Kg 93 70 - 130 Toluene 0.100 0.08769 mg/Kg 88 70 - 130 Ethylbenzene 0.100 0.09067 mg/Kg 91 70 - 130 93 70 - 130 0.200 0.1863 m,p-Xylenes mg/Kg 0.100

0.09368

mg/Kg

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-112989/2-A

Matrix: Solid

o-Xylene

Analysis Batch: 112995

Client Sample ID: Lab Control Sample Dup

70 - 130

Prep Type: Total/NA

Prep Batch: 112989

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Limit Benzene 0.100 0.09362 mg/Kg 94 70 - 130 35 Toluene 0.100 0.08763 mg/Kg 88 70 - 130 0 35 Ethylbenzene 0.100 0.09169 mg/Kg 92 70 - 130 35 m,p-Xylenes 0.200 0.1878 mg/Kg 94 70 - 130 35 0.100 o-Xylene 0.09404 mg/Kg 70 - 130 35

LCSD LCSD

Surrogate	%Recovery Qualifier	r Limits
4-Bromofluorobenzene (Surr)	92	70 - 130
1.4-Difluorobenzene (Surr)	89	70 - 130

Lab Sample ID: 880-59671-A-1-B MS

Matrix: Solid

Analysis Batch: 112995

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

Prep Batch: 112989

Sample Sample Spike MS MS %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits <0.00200 U 0.100 94 70 - 130 Benzene 0.09384 mg/Kg Toluene <0.00200 U 0.100 0.07550 mg/Kg 76 70 - 130

Eurofins Midland

Page 8 of 19

Client: Carmona Resources Job ID: 880-59774-1 Project/Site: Peakview Federal Battery SDG: Eddy County, new Mexico

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

Lab Sample ID: 880-59671-A-1-B MS

Matrix: Solid Analysis Batch: 112995

П											
		Sample	Sample	Spike	MS	MS				%Rec	
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Ethylbenzene	<0.00200	U	0.100	0.07073		mg/Kg		71	70 - 130	
İ	m,p-Xylenes	<0.00399	U	0.200	0.1431		mg/Kg		72	70 - 130	
	o-Xylene	<0.00200	U	0.100	0.07284		mg/Kg		73	70 - 130	

MS MS

Surrogate	%Recovery Qualifie	er Limits
4-Bromofluorobenzene (Surr)	93	70 - 130
1,4-Difluorobenzene (Surr)	90	70 ₋ 130

Lab Sample ID: 880-59671-A-1-C MSD

Matrix: Solid

Analysis Batch: 112995

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 112989

Prep Type: Total/NA

Prep Batch: 112989

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.100 Benzene <0.00200 U 0.09712 mg/Kg 97 70 - 130 3 35 0.07843 78 Toluene <0.00200 U 0.100 mg/Kg 70 - 130 4 35 Ethylbenzene <0.00200 U 0.100 0.07115 mg/Kg 71 70 - 130 35 <0.00399 U 0.200 0.1444 72 70 - 130 35 m,p-Xylenes mg/Kg 0.100 <0.00200 U 0.07372 74 70 - 130 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-113147/1-A

Matrix: Solid

Analysis Batch: 113158

Prep Type: Total/NA

Prep Batch: 113147

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/26/25 23:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/26/25 23:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/26/25 23:16	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	06/26/25 12:03	06/26/25 23:16	1
o-Terphenyl (Surr)	111		70 - 130	06/26/25 12:03	06/26/25 23:16	1

Lab Sample ID: LCS 880-113147/2-A

Matrix: Solid

Analysis Batch: 113158

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 113147

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	932.5		mg/Kg		93	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1008		mg/Kg		101	70 - 130	
C10-C28)								

Job ID: 880-59774-1 Client: Carmona Resources Project/Site: Peakview Federal Battery

SDG: Eddy County, new Mexico

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

Lab Sample ID: LCS 880-113147/2-A

Matrix: Solid

Lab Sample ID: LCSD 880-113147/3-A

Analysis Batch: 113158

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

Prep Batch: 113147

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 108 70 - 130 o-Terphenyl (Surr) 120 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 113147

Analysis Batch: 113158 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 921.2 92 70 - 13020 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 993.5 99 mg/Kg 70 - 13020 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 106 70 - 130 1-Chlorooctane (Surr) o-Terphenyl (Surr) 117 70 - 130

Lab Sample ID: 880-59774-1 MS Client Sample ID: Backfill

Matrix: Solid

Matrix: Solid

Analysis Batch: 113158

Prep Type: Total/NA

Prep Batch: 113147

Sample Sample MS MS Spike Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.1 U 999 737.2 mg/Kg 74 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 999 873.1 mg/Kg 87 70 - 130 C10-C28)

MS MS %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane (Surr) 80 o-Terphenyl (Surr) 82 70 - 130

Lab Sample ID: 880-59774-1 MSD Client Sample ID: Backfill

Matrix: Solid

Analysis Batch: 113158

Prep Type: Total/NA

Prep Batch: 113147

Sample Sample MSD MSD RPD Spike %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits RPD Limit U 999 733.0 73 Gasoline Range Organics <50.1 mg/Kg 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 999 848.4 mg/Kg 85 70 - 130 3 20 C10-C28)

MSD MSD

Surrogate	%Recovery Qualif	ier Limits
1-Chlorooctane (Surr)	92	70 - 130
o-Terphenyl (Surr)	83	70 - 130

Client: Carmona Resources Project/Site: Peakview Federal Battery Job ID: 880-59774-1

SDG: Eddy County, new Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-113168/1-A

Matrix: Solid

Analysis Batch: 113189

Client Sample ID: Method Blank

Prep Type: Soluble

Client Sample ID: Backfill

Prep Type: Soluble

MB MB MDL Unit Dil Fac Analyte Result Qualifier RL D Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 06/27/25 05:37

Lab Sample ID: LCS 880-113168/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 113189

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 255.1 mg/Kg 102 90 - 110

Lab Sample ID: LCSD 880-113168/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 113189

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 254.2 mg/Kg 102 90 - 110

Lab Sample ID: 880-59774-1 MS Client Sample ID: Backfill **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 113189

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 128 250 334.8 F1 83 90 - 110 mg/Kg

Lab Sample ID: 880-59774-1 MSD

Matrix: Solid

Analysis Batch: 113189

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 128 F1 250 334.5 F1 mg/Kg 83 90 - 110 20

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59774-1 SDG: Eddy County, new Mexico

GC VOA

Prep Batch: 112989

Lab Sample ID 880-59774-1	Client Sample ID Backfill	Prep Type Total/NA	Matrix Solid	Method 5035	Prep Batch
MB 880-112989/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-112989/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-112989/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-59671-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-59671-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 112995

Lab Sample ID 880-59774-1	Client Sample ID Backfill	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 112989
MB 880-112989/5-A	Method Blank	Total/NA	Solid	8021B	112989
LCS 880-112989/1-A	Lab Control Sample	Total/NA	Solid	8021B	112989
LCSD 880-112989/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	112989
880-59671-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	112989
880-59671-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	112989

Analysis Batch: 113271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 113147

Lab Sample ID 880-59774-1	Client Sample ID Backfill	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-113147/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-113147/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-113147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-59774-1 MS	Backfill	Total/NA	Solid	8015NM Prep	
880-59774-1 MSD	Backfill	Total/NA	Solid	8015NM Prep	

Analysis Batch: 113158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Total/NA	Solid	8015B NM	113147
MB 880-113147/1-A	Method Blank	Total/NA	Solid	8015B NM	113147
LCS 880-113147/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	113147
LCSD 880-113147/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	113147
880-59774-1 MS	Backfill	Total/NA	Solid	8015B NM	113147
880-59774-1 MSD	Backfill	Total/NA	Solid	8015B NM	113147

Analysis Batch: 113241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 113168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Soluble	Solid	DI Leach	
MB 880-113168/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-113168/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-113168/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

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Client: Carmona Resources Project/Site: Peakview Federal Battery Job ID: 880-59774-1

SDG: Eddy County, new Mexico

HPLC/IC (Continued)

Leach Batch: 113168 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1 MS	Backfill	Soluble	Solid	DI Leach	
880-59774-1 MSD	Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 113189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Soluble	Solid	300.0	113168
MB 880-113168/1-A	Method Blank	Soluble	Solid	300.0	113168
LCS 880-113168/2-A	Lab Control Sample	Soluble	Solid	300.0	113168
LCSD 880-113168/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	113168
880-59774-1 MS	Backfill	Soluble	Solid	300.0	113168
880-59774-1 MSD	Backfill	Soluble	Solid	300.0	113168

Lab Chronicle

Client: Carmona Resources

Job ID: 880-59774-1

Project/Site: Peakview Federal Battery

SDG: Eddy County, new Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-59774-1

Matrix: Solid

Date Collected: 06/24/25 00:00 Date Received: 06/26/25 11:05

	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	112989	06/26/25 12:17	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	112995	06/26/25 19:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113271	06/26/25 19:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			113241	06/27/25 00:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	113147	06/26/25 12:03	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	113158	06/27/25 00:03	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	113168	06/26/25 14:35	SMC	EET MID
Soluble	Analysis	300.0		1			113189	06/27/25 05:59	CS	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: 880-59774-1

Project/Site: Peakview Federal Battery

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	06-30-25	
• ,	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: Peakview Federal Battery

Job ID: 880-59774-1

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

Eurofins Midland

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Sample Summary

Client: Carmona Resources

Project/Site: Peakview Federal Battery

Job ID: 880-59774-1

SDG: Eddy County, new Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-59774-1	Backfill	Solid	06/24/25 00:00	06/26/25 11:05

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Chain of Custody

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-59774-1

SDG Number: Eddy County, new Mexico

Login Number: 59774 List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

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

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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 503297

QUESTIONS

Operator:	OGRID:	
CONOCOPHILLIPS COMPANY	217817	
600 W. Illinois Avenue	Action Number:	
Midland, TX 79701	503297	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2505043591			
Incident Name	NAPP2505043591 PEAKVIEW FEDERAL BATTERY @ FAPP2212329364			
Incident Type	Oil Release			
Incident Status	Remediation Closure Report Received			
Incident Facility	[fAPP2212329364] PEAK VIEW BATTERY			

Location of Release Source			
Please answer all the questions in this group.			
Site Name	Peakview Federal Battery		
Date Release Discovered	01/26/2025		
Surface Owner	Federal		

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

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Cause: Equipment Failure Valve Crude Oil Released: 9 BBL Recovered: 5 BBL Lost: 4 BBL.				
Produced Water Released (bbls) Details	Not answered.				
Is the concentration of 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)	Not answered.				

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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 503297

QUESTIONS	(continued)
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QUESTI	IONS (continued)
Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	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	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted 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 releating the 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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 09/05/2025

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

Phone: (505) 629-6116

Online Phone Directory
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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 503297

QUESTIONS (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 500 and 1000 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
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 ti	hat apply or are indicated. This information must be provided t	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 de	monstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	al extents of contamination been fully delineated	Yes
Was this release entirely c	ontained 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 CI B)	1130
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	6700
GRO+DRO	(EPA SW-846 Method 8015M)	6700
BTEX	(EPA SW-846 Method 8021B or 8260B)	14.5
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	NMAC unless the site characterization report includes complet telines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
On what estimated date wi	Il the remediation commence	06/23/2025
On what date will (or did) to	ne final sampling or liner inspection occur	06/26/2025
On what date will (or was)	the remediation complete(d)	07/10/2025
What is the estimated surfa	ace area (in square feet) that will be reclaimed	0
What is the estimated volu	me (in cubic yards) that will be reclaimed	0
What is the estimated surfa	ace area (in square feet) that will be remediated	400
What is the estimated volu	me (in cubic yards) that will be remediated	55
These estimated dates and measu	rements are recognized to be the best guess or calculation at t	the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that propose	ed 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.

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 4

Action 503297

QUESTIONS (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	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	fEEM0112342028 LEA LAND LANDFILL
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: Brittany Esparza
Title: Environmental Technician
Email: brittany.Esparza@ConocoPhillips.com
Date: 09/05/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 503297

QUESTIONS (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	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 503297

QUESTIONS (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded 478256	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/26/2025
What was the (estimated) number of samples that were to be gathered	11
What was the sampling surface area in square feet	200

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	400	
What was the total volume (cubic yards) remediated	55	
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)	NA	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement

Name: Brittany Esparza

Title: Environmental Technician

Email: brittany.Esparza@ConocoPhillips.com

Date: 09/05/2025

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QUESTIONS, Page 7

Action 503297

QUESTIONS (continued)

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	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 503297

CONDITIONS

Operator:	OGRID:
CONOCOPHILLIPS COMPANY	217817
600 W. Illinois Avenue	Action Number:
Midland, TX 79701	503297
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	10/8/2025