L48 Spill Volume Estimate Form - Fill In Gray Cells

Facility Name & Well Number(s):	Peakview Federal Battery				Release Discovery Date & Time:	1/26/25 9:00 AM			
Provide any known details about the event:	Doing my weekly AVO inspection,walked facility and I seen 2- 3" check vales broken in half.Behind the oil tanks from the heater.				Primary Cause (dropdown):	Cause not Detected	Secondary Cause (dropdown):		
	Recovered Volume (bbl.) (if available, not included in volume calculations)	Method of Determination (dropdown)	Release Type (dropdown):		> 1/2" of Rain in Last 24 Hours (dropdown):		% Rainwater Recovered (not included in volume calculations, informational):		
BU:	Permian	Asset Area:	DBW - Farmland	no	Gauged volume	Oil	No		
Known Volume (dropdown):	Yes	Release On/Off Pad		Known Volume of Spill (bbl.)					
		On-Pad		9					

CARMONA RESOURCES

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

CARMONA RESOURCES

TABLE OF CONTENTS

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

CARMONA RESOURCES

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

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

CARMONA RESOURCES

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 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.

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 chain-of-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

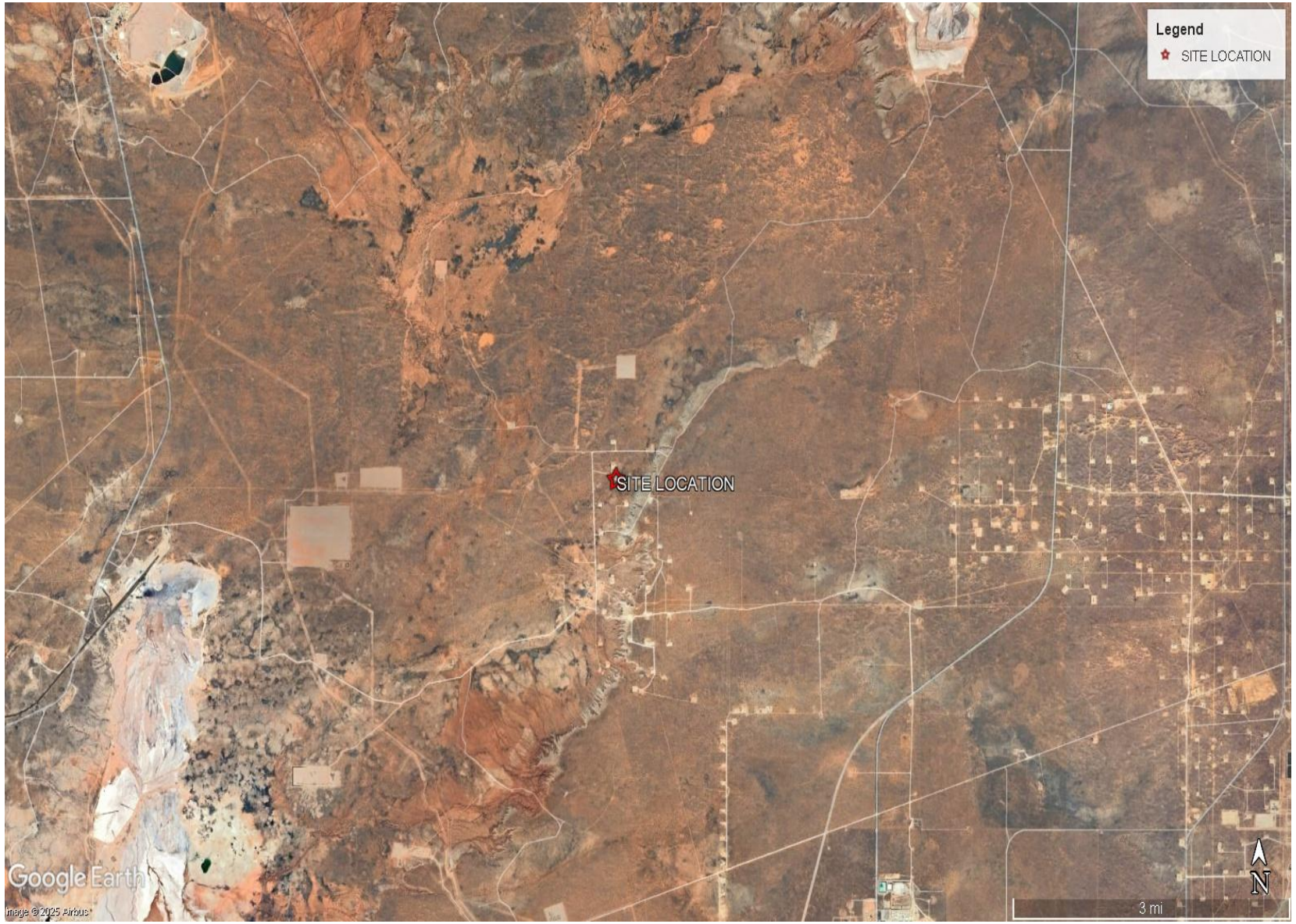
Conner Moehring
Environmental Manager

Stephen Reyes
Sr. Project Manager

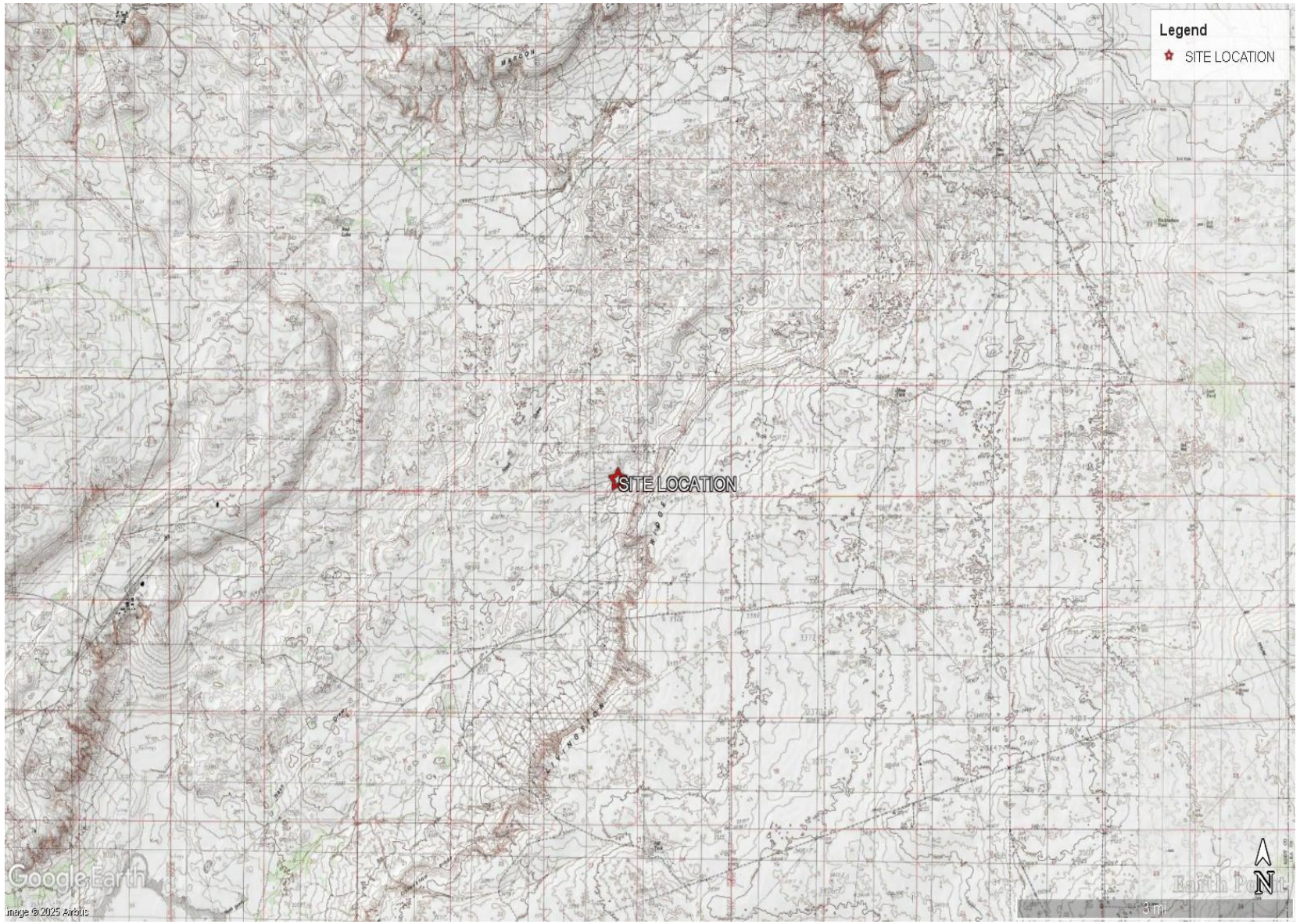
310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

FIGURES

CARMONA RESOURCES



OVERVIEW MAP CONOCOPHILLIPS, LLC PEAKVIEW FEDERAL BATTERY (01.26.25) EDDY COUNTY, NEW MEXICO 32.430030°, -103.846371°	CARMONA RESOURCES	FIGURE 1



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

CARMONA RESOURCES

FIGURE 2

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

CARMONA RESOURCES

FIGURE 3

EXCAVATION MAP CONOCOPHILLIPS, LLC PEAKVIEW FEDERAL BATTERY (01.26.25) EDDY COUNTY, NEW MEXICO 32.430030°, -103.846371°	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
ConocoPhillips
Peakview Federal Battery
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	4/21/2025	0-1'	63.6	<49.8	<49.8	63.6	<0.00200	<0.00200	<0.00200	0.0115	0.0115	162
	"	1.5'	**655**	<49.9	<49.9	**655**	<0.00199	<0.00199	<0.00199	0.0197	0.0197	143
	"	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
T-2	4/21/2025	0-1'	**3,950**	<249	<249	**3,950**	<0.00202	0.204	0.104	0.534	0.842	92.4
	"	1.5'	**5,810**	**886**	<250	**6,700**	<0.00200	1.56	2.00	11.00	14.50	112
	"	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**
	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
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	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
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 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 *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	*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 (continued)

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

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	*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

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

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 433552

CONDITIONS

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

CONDITIONS

Created By	Condition	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

L48 Spill Volume Estimate Form - Fill In Gray Cells

Facility Name & Well Number(s):	Peakview Federal Battery				Release Discovery Date & Time:	1/26/25 9:00 AM			
Provide any known details about the event:	Doing my weekly AVO inspection,walked facility and I seen 2- 3" check vales broken in half.Behind the oil tanks from the heater.				Primary Cause (dropdown):	Cause not Detected	Secondary Cause (dropdown):		
	Recovered Volume (bbl.) (if available, not included in volume calculations)	Method of Determination (dropdown)	Release Type (dropdown):		> 1/2" of Rain in Last 24 Hours (dropdown):		% Rainwater Recovered (not included in volume calculations, informational):		
BU:	Permian	Asset Area:	DBW - Farmland	no	Gauged volume	Oil	No		
Known Volume (dropdown):	Yes	Release On/Off Pad		Known Volume of Spill (bbl.)					
		On-Pad		9					

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

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

QUESTIONS

Action 478256

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 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

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

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

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 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

Nearest Water Well

COG Operating

Legend

- 0.27 Miles
- 0.50 Mile Radius
- 178.73' - Drilled 1998
- PEAK VIEW BATTERY

178.73' - Drilled 1998

PEAK VIEW BATTERY

Google Earth

N

4000 ft

High Karst
COG Operating

Legend
High
Low
Medium
PEAK VIEW BATTERY

PEAK VIEW BATTERY

Google Earth
Image © 2025 Airbus

N
4000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 03234 EXPLORE		CUB	ED	NW	NE	SW	35	21S	30E	607695.0	3589207.0 *		1121	410		
C 03003		CUB	ED	SW	NW	SW	31	21S	31E	610511.0	3588970.0 *		1826	650		
C 04528 POD1		CUB	ED	NW	SW	SW	12	22S	30E	608886.4	3585625.1		3095			
C 03002		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**

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USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

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

Groundwater levels for New Mexico

Click to hide state-specific text

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			A
1976-12-09		D	62611		3050.06	NAVD88	1	Z			A
1976-12-09		D	72019	180.94			1	Z			A
1983-01-18		D	62610		3050.72	NGVD29	1	Z			A
1983-01-18		D	62611		3052.30	NAVD88	1	Z			A
1983-01-18		D	72019	178.70			1	Z			A
1987-10-14		D	62610		3047.71	NGVD29	1	Z			A
1987-10-14		D	62611		3049.29	NAVD88	1	Z			A
1987-10-14		D	72019	181.71			1	Z			A
1988-03-17		D	62610		3046.66	NGVD29	1	Z			A
1988-03-17		D	62611		3048.24	NAVD88	1	Z			A
1988-03-17		D	72019	182.76			1	Z			A
1992-12-09		D	62610		3049.70	NGVD29	1	S			A
1992-12-09		D	62611		3051.28	NAVD88	1	S			A
1992-12-09		D	72019	179.72			1	S			A
1998-02-19		D	62610		3050.69	NGVD29	1	S			A
1998-02-19		D	62611		3052.27	NAVD88	1	S			A
1998-02-19		D	72019	178.73			1	S			A

Explanation

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

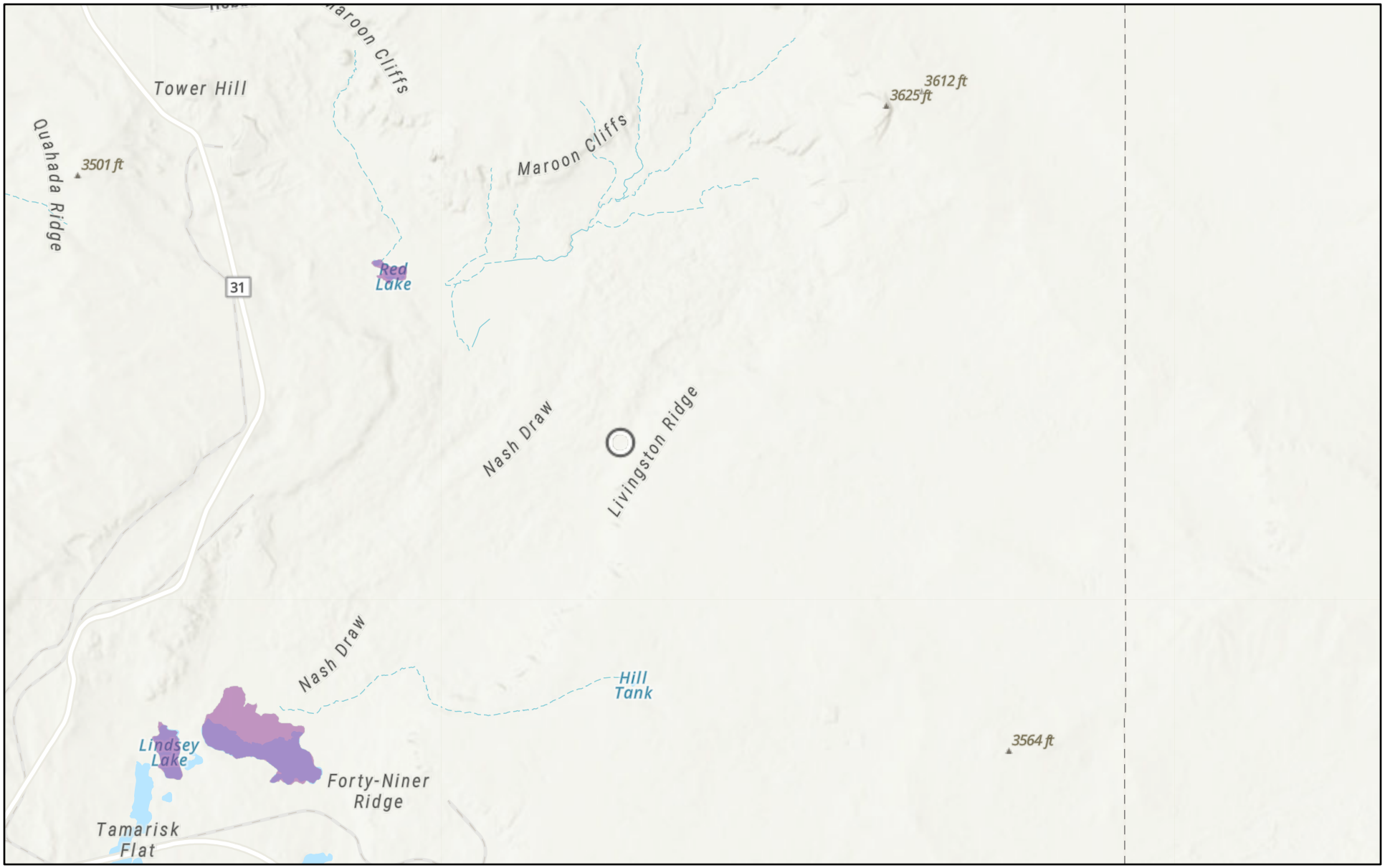
Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility FOIA Privacy 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

PEAK VIEW BATTERY



2/7/2025

USA Flood Hazard Areas

1% Annual Chance Flood Hazard

World Hillshade

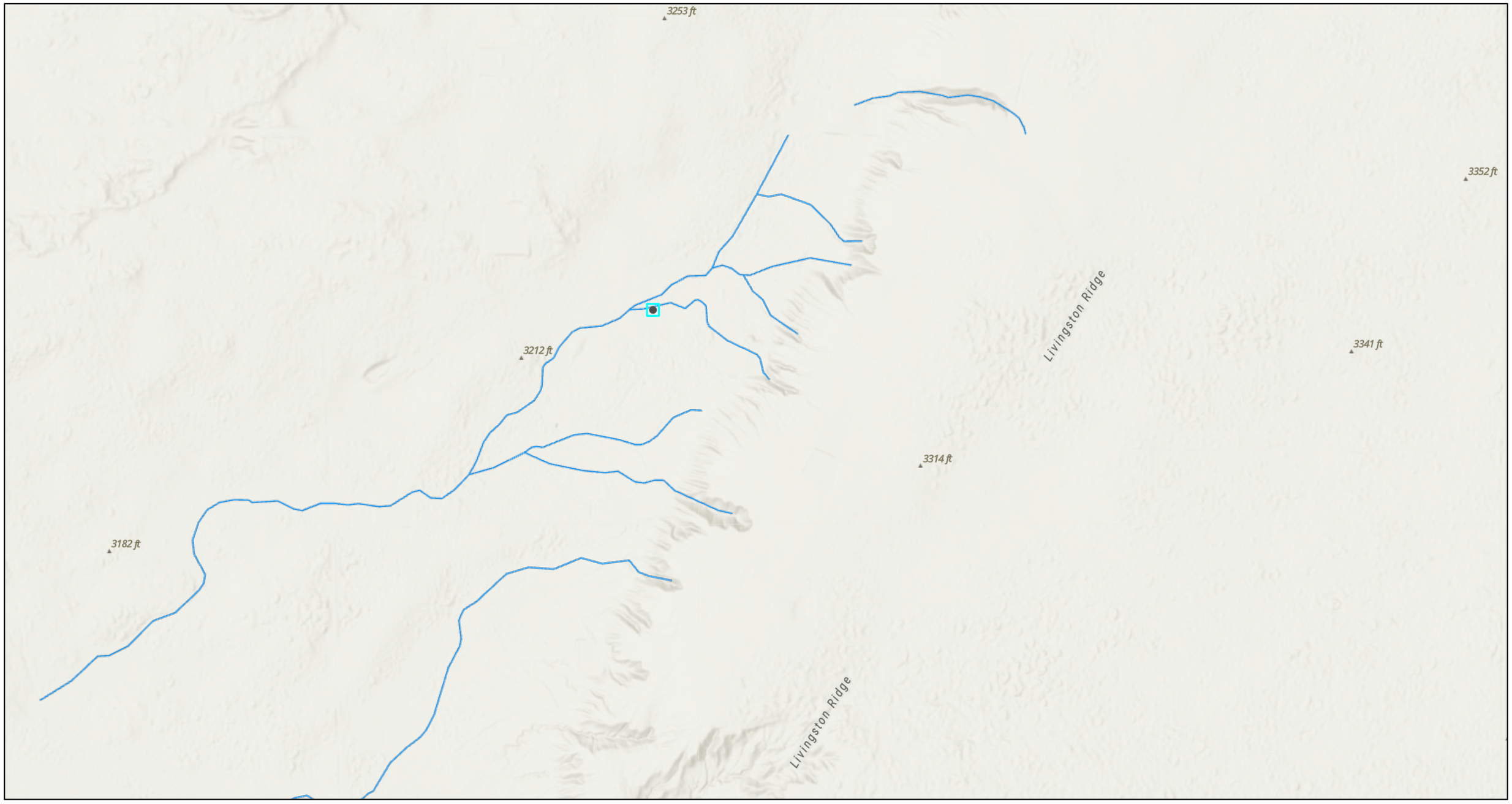
1:144,448

0 1 2 4 mi

0 1.5 3 6 km

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

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

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APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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

See page two for job notes and contact information.

my EOL

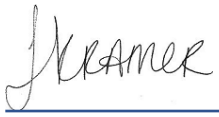
Eurofins Midland

Job Notes

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

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

Authorization



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

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

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-54558-1
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/17/25 15:11	02/17/25 22:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/17/25 15:11	02/17/25 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*02/17/25 15:11*	*02/17/25 22:41*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/17/25 15:11*	*02/17/25 22:41*	*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			02/17/25 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/25 21:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 21:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 21:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*02/17/25 16:28*	*02/17/25 21:07*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/17/25 16:28*	*02/17/25 21:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**317**		9.94		mg/Kg			02/18/25 00:59	1

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

Lab Sample ID: 880-54558-2
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 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*

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-54558-2
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<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*
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')

Lab Sample ID: 880-54558-3
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/25 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*
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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/17/25 23:22	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 21:37	1

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-54558-3
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/17/25 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 Chromatography - 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

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/17/25 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*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/17/25 15:11*	*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 Organics (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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/17/25 16:28	02/17/25 22:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/17/25 16:28	02/17/25 22:07	1
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 Chromatography - Soluble

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

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-54558-5
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/25 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)	*110*		*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	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/17/25 16:28	02/17/25 22:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/17/25 16:28	02/17/25 22:22	1
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*
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')

Lab Sample ID: 880-54558-6
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/17/25 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*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*02/17/25 15:11*	*02/18/25 00:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

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

Lab Sample ID: 880-54558-6

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/25 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/25 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 22:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*02/17/25 16:28*	*02/17/25 22:37*	*1*
o-Terphenyl	*88*		*70 - 130*	*02/17/25 16:28*	*02/17/25 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/18/25 01:54	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-54558-1	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
880-54558-3	H-3 (0-0.5')	103	99
880-54558-4	H-4 (0-0.5')	107	95
880-54558-5	H-5 (0-0.5')	110	92
880-54558-6	H-6 (0-0.5')	108	96
LCS 880-102983/1-A	Lab Control Sample	105	99
LCSD 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-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-54557-A-1-F MS	Matrix Spike	93	81
880-54557-A-1-G MSD	Matrix Spike Duplicate	91	79
880-54558-1	H-1 (0-0.5')	84	74
880-54558-2	H-2 (0-0.5')	89	77
880-54558-3	H-3 (0-0.5')	85	74
880-54558-4	H-4 (0-0.5')	93	82
880-54558-5	H-5 (0-0.5')	95	83
880-54558-6	H-6 (0-0.5')	100	88
LCS 880-102990/2-A	Lab Control Sample	99	88
LCSD 880-102990/3-A	Lab Control Sample Dup	111	99
MB 880-102990/1-A	Method Blank	145 S1+	133 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Analyte	MB Result	MB 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	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/25 08:40	02/17/25 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 08:40	02/17/25 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/25 08:40	02/17/25 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*02/17/25 08:40*	*02/17/25 11:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/17/25 08:40*	*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	MB Result	MB 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	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/25 15:11	02/17/25 22:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/25 15:11	02/17/25 22:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/25 15:11	02/17/25 22:19	1

Surrogate	*MB %Recovery*	*MB 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

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

Surrogate	*LCS %Recovery*	*LCS 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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08868		mg/Kg		89	70 - 130	17	35

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: LCSD 880-102983/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 102912 — **Prep Batch: 102983**

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

Surrogate	*LCSD %Recovery*	*LCSD 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 — **Prep Type: Total/NA**
Analysis Batch: 102912 — **Prep Batch: 102983**

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

Surrogate	*MS %Recovery*	*MS 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 — **Prep Type: Total/NA**
Analysis Batch: 102912 — **Prep Batch: 102983**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	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	3	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1866		mg/Kg		94	70 - 130	6	35
o-Xylene	<0.00200	U	0.0996	0.09088		mg/Kg		91	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD 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 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 102926 — **Prep Batch: 102990**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 17:30	1

QC Sample Results

Client: Carmona Resources
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: MB 880-102990/1-A
Matrix: Solid
Analysis Batch: 102926

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102990

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 17:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/17/25 16:28	02/17/25 17:30	1

Surrogate	*MB %Recovery*	*MB 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*

Lab Sample ID: LCS 880-102990/2-A
Matrix: Solid
Analysis Batch: 102926

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102990

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

Surrogate	*LCS %Recovery*	*LCS 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: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 102990

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

Surrogate	*LCSD %Recovery*	*LCSD 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

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 102990

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	745.6		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	724.4		mg/Kg		73	70 - 130

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

QC Sample Results

Client: Carmona Resources
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 — **Prep Type: Total/NA**
Analysis Batch: 102926 — **Prep Batch: 102990**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	778.0		mg/Kg		78	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	708.7		mg/Kg		71	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD 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**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 102992

Analyte	MB Result	MB 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**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 102992

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

Lab Sample ID: LCSD 880-102988/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 102992

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

Lab Sample ID: 880-54558-1 MS — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 102992

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

Lab Sample ID: 880-54558-1 MSD — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 102992

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

QC Association Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-54558-1
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

QC Association Summary

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

QC Association Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-54558-1
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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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
Matrix: Solid
Date Received: 02/17/25 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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')
Lab Sample ID: 880-54558-3
Date Collected: 02/12/25 00:00
Matrix: Solid
Date Received: 02/17/25 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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 MID
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')
Lab Sample ID: 880-54558-4
Date Collected: 02/12/25 00:00
Matrix: Solid
Date Received: 02/17/25 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			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
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	102983	02/17/25 15:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	102912	02/18/25 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			103098	02/18/25 00:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			103062	02/17/25 22:22	AJ	EET MID
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	1 uL	1 uL	102926	02/17/25 22:22	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 01:36	SMC	EET MID

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

Lab Sample ID: 880-54558-6
Matrix: Solid
Date Collected: 02/12/25 00:00
Date Received: 02/17/25 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: 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

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

Chain of Custody

880-54558 Chain of Custody

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

Comments

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

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Peakview Federal Battery	Turn Around	
Project Number:	2659	☐ Routine	☑ Rush
Project Location	Eddy County, New Mexico	Due Date:	72 HR
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9
Total Containers:		Corrected Temperature:	2.9

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0.5')	2/12/2025		X		G	1		X	X	X	
H-2 (0-0.5')	2/12/2025		X		G	1		X	X	X	
H-3 (0-0.5')	2/12/2025		X		G	1		X	X	X	
H-4 (0-0.5')	2/12/2025		X		G	1		X	X	X	
H-5 (0-0.5')	2/12/2025		X		G	1		X	X	X	
H-6 (0-0.5')	2/12/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			2/17/25 1455

Login Sample Receipt Checklist

Client: Carmona Resources

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

Login Number: 54558
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

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

See page two for job notes and contact information.

my EOL

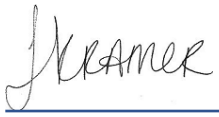
Eurofins Midland

Job Notes

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

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

Authorization



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

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Peakview Federal Battery

Job ID: 880-57280-1

Job ID: 880-57280-1 Eurofins Midland

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).

GC VOA
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/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

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

Lab Sample ID: 880-57280-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		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 - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/26/25 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*181*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 15:00*	*1*
o-Terphenyl (Surr)	*172*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 15:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.6**		9.94		mg/Kg			04/26/25 02:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-57280-1	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-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-57276-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+

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-57280-1
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

Analyte	MB Result	MB 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

Surrogate	*MB %Recovery*	*MB 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

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

Surrogate	*LCS %Recovery*	*LCS 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

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

Surrogate	*LCSD %Recovery*	*LCSD 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

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

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

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

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

Lab Sample ID: 880-57283-A-1-B MSD
Matrix: Solid
Analysis Batch: 108642

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108567

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

Surrogate	*MSD %Recovery*	*MSD 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

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

Surrogate	*MB %Recovery*	*MB 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

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-57280-1
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

Surrogate	LCS %Recovery	LCS 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

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

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

Lab Sample ID: 880-57276-A-15-C MS
Matrix: Solid
Analysis Batch: 108764

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108562

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

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

Lab Sample ID: 880-57276-A-15-D MSD
Matrix: Solid
Analysis Batch: 108764

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 108562

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	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

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-108693/1-A
Matrix: Solid
Analysis Batch: 108741

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/26/25 00:14	1

Lab Sample ID: LCS 880-108693/2-A
Matrix: Solid
Analysis Batch: 108741

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-108693/3-A
Matrix: Solid
Analysis Batch: 108741

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.6		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-57278-A-9-D MS
Matrix: Solid
Analysis Batch: 108741

Client Sample ID: Matrix Spike
Prep Type: Soluble

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

Lab Sample ID: 880-57278-A-9-E MSD
Matrix: Solid
Analysis Batch: 108741

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

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

QC Association Summary

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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	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: 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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57280-1	H-2 (0-0.5')	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
880-57280-1	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	

QC Association Summary

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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

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

Lab Sample ID: 880-57280-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			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	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: 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

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

Login Sample Receipt Checklist

Client: Carmona Resources

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

Login Number: 57280
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

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

See page two for job notes and contact information.

my EOL

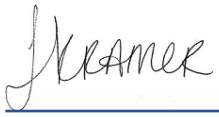
Eurofins Midland

Job Notes

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

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

Authorization



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4/29/2025 9:38:54 AM

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

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Peakview Federal Battery

Job ID: 880-57282-1

Job ID: 880-57282-1 Eurofins Midland

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-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.

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.

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Peakview Federal Battery

Job ID: 880-57282-1

Job ID: 880-57282-1 (Continued)

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-57282-1
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		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 - Total BTEX Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.6**		49.8		mg/Kg			04/26/25 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:16	1
Diesel Range Organics (Over C10-C28)	**63.6**		49.8		mg/Kg		04/24/25 11:17	04/26/25 15:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/24/25 11:17	04/26/25 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*181*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 15:16*	*1*
o-Terphenyl (Surr)	*179*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		10.0		mg/Kg			04/25/25 20:51	1

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-57282-2
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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		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

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-57282-2
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0197**		0.00398		mg/Kg			04/25/25 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**655**		49.9		mg/Kg			04/26/25 15:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/24/25 11:17	04/26/25 15:33	1
Diesel Range Organics (Over C10-C28)	**655**		49.9		mg/Kg		04/24/25 11:17	04/26/25 15:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/24/25 11:17	04/26/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*183*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 15:33*	*1*
o-Terphenyl (Surr)	*195*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 15:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**143**		9.94		mg/Kg			04/25/25 21:08	1

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57282-3
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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		04/24/25 11:55	04/25/25 17:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/24/25 11:55	04/25/25 17:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 17:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/24/25 11:55	04/25/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*04/24/25 11:55*	*04/25/25 17:35*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/24/25 11:55*	*04/25/25 17:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/25/25 17:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**264**		50.1		mg/Kg			04/26/25 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 11:17	04/26/25 16:06	1
Diesel Range Organics (Over C10-C28)	**264**		50.1		mg/Kg		04/24/25 11:17	04/26/25 16:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57282-3
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		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 Chromatography - 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')

Lab Sample ID: 880-57282-4
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/24/25 11:55	04/25/25 17:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/25 11:55	04/25/25 17:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/24/25 11:55	04/25/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*04/24/25 11:55*	*04/25/25 17:55*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/24/25 11:55*	*04/25/25 17:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**80.4**		50.3		mg/Kg			04/26/25 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/24/25 11:17	04/26/25 16:21	1
Diesel Range Organics (Over C10-C28)	**80.4**		50.3		mg/Kg		04/24/25 11:17	04/26/25 16:21	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/24/25 11:17	04/26/25 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*185*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 16:21*	*1*
o-Terphenyl (Surr)	*187*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 16:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		9.96		mg/Kg			04/25/25 21:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-57282-5
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	1
Toluene	**0.204**		0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	1
Ethylbenzene	**0.104**		0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	1
m,p-Xylenes	**0.377**		0.00404		mg/Kg		04/24/25 11:55	04/25/25 18:15	1
o-Xylene	**0.157**		0.00202		mg/Kg		04/24/25 11:55	04/25/25 18:15	1
Xylenes, Total	**0.534**		0.00404		mg/Kg		04/24/25 11:55	04/25/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*247*	*S1+*	*70 - 130*	*04/24/25 11:55*	*04/25/25 18:15*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*04/24/25 11:55*	*04/25/25 18:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.842**		0.00404		mg/Kg			04/25/25 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3950**		249		mg/Kg			04/26/25 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249		mg/Kg		04/24/25 11:17	04/26/25 16:39	5
Diesel Range Organics (Over C10-C28)	**3950**		249		mg/Kg		04/24/25 11:17	04/26/25 16:39	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		04/24/25 11:17	04/26/25 16:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*184*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 16:39*	*5*
o-Terphenyl (Surr)	*233*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 16:39*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.4**		9.98		mg/Kg			04/25/25 21:26	1

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-57282-6
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		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*

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-57282-6
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Method: TAL SOP Total BTEX - Total BTEX Calculation

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 Range Organics (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

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	**886**		250		mg/Kg		04/24/25 11:17	04/26/25 16:54	5
Diesel Range Organics (Over C10-C28)	**5810**		250		mg/Kg		04/24/25 11:17	04/26/25 16:54	5
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*
o-Terphenyl (Surr)	*277*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 16:54*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.0		mg/Kg			04/25/25 21:32	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57282-7
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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		04/24/25 11:55	04/25/25 18:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 18:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/24/25 11:55	04/25/25 18:56	1
m,p-Xylenes	**0.00521**		0.00398		mg/Kg		04/24/25 11:55	04/25/25 18:56	1
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*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/24/25 11:55*	*04/25/25 18:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00521**		0.00398		mg/Kg			04/25/25 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**168**		50.1		mg/Kg			04/26/25 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/24/25 11:17	04/26/25 17:11	1
Diesel Range Organics (Over C10-C28)	**168**		50.1		mg/Kg		04/24/25 11:17	04/26/25 17:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57282-7
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		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 Chromatography - Soluble

Analyte	Result	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')

Lab Sample ID: 880-57282-8
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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		04/24/25 11:55	04/25/25 19:17	1
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 Calculation

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 - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**94.7**		50.2		mg/Kg			04/26/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/24/25 11:17	04/26/25 17:27	1
Diesel Range Organics (Over C10-C28)	**94.7**		50.2		mg/Kg		04/24/25 11:17	04/26/25 17:27	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/24/25 11:17	04/26/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*187*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 17:27*	*1*
o-Terphenyl (Surr)	*186*	*S1+*	*70 - 130*	*04/24/25 11:17*	*04/26/25 17:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.92		mg/Kg			04/25/25 21:56	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-57282-1
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

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		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)

QC Sample Results

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

Analyte	MB Result	MB 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

Surrogate	*MB %Recovery*	*MB 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

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

Surrogate	*LCS %Recovery*	*LCS 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

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

Surrogate	*LCSD %Recovery*	*LCSD 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

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

QC Sample Results

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: 880-57283-A-1-A MS | **Client Sample ID: Matrix Spike**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 108642 | **Prep Batch: 108567**

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

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

Lab Sample ID: 880-57283-A-1-B MSD | **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 108642 | **Prep Batch: 108567**

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

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

Lab Sample ID: MB 880-108797/5-A | **Client Sample ID: Method Blank**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 108783 | **Prep Batch: 108797**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Ethylbenzene	<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-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/25 09:09	04/28/25 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/25 09:09	04/28/25 11:20	1

Surrogate	*MB %Recovery*	*MB 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 | **Client Sample ID: Lab Control Sample**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 108783 | **Prep Batch: 108797**

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

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: LCS 880-108797/1-A
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108797

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

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

Lab Sample ID: LCSD 880-108797/2-A
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108797

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1060		mg/Kg		106	70 - 130	0	35
Toluene			0.100	0.09646		mg/Kg		96	70 - 130	1	35
Ethylbenzene			0.100	0.1066		mg/Kg		107	70 - 130	2	35
m,p-Xylenes			0.200	0.2201		mg/Kg		110	70 - 130	3	35
o-Xylene			0.100	0.1119		mg/Kg		112	70 - 130	3	35

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

Lab Sample ID: 880-57377-A-1-B MS
Matrix: Solid
Analysis Batch: 108783

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 108797

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

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

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08142		mg/Kg		81	70 - 130	4	35
Toluene	<0.00200	U F1	0.100	0.05592	F1	mg/Kg		56	70 - 130	13	35
Ethylbenzene	<0.00200	U F1	0.100	0.04489	F1	mg/Kg		45	70 - 130	27	35
m,p-Xylenes	<0.00399	U F1	0.200	0.08723	F1	mg/Kg		44	70 - 130	28	35
o-Xylene	<0.00200	U F1	0.100	0.04334	F1	mg/Kg		43	70 - 130	27	35

QC Sample Results

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

Surrogate	MSD %Recovery	MSD Qualifier	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

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

Surrogate	MB %Recovery	MB 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

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

Surrogate	LCS %Recovery	LCS 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

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

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-57276-A-15-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108764 — **Prep Batch: 108562**

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

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

Lab Sample ID: 880-57276-A-15-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 108764 — **Prep Batch: 108562**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	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

Surrogate	*MSD %Recovery*	*MSD 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

Analyte	MB Result	MB 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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.2		mg/Kg		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

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57282-7 MS
Matrix: Solid
Analysis Batch: 108739

Client Sample ID: T-2 (2')
Prep Type: Soluble

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

Lab Sample ID: 880-57282-7 MSD
Matrix: Solid
Analysis Batch: 108739

Client Sample ID: T-2 (2')
Prep Type: Soluble

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

QC Association Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-57282-1
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

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

QC Association Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-57282-1
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	

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	

HPLC/IC

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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Lab Sample ID: 880-57282-1
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: T-1 (3')
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Lab Sample ID: 880-57282-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			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')
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Lab Sample ID: 880-57282-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 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')
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Lab Sample ID: 880-57282-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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')
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Lab Sample ID: 880-57282-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57282-7
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

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

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57282-8
Matrix: Solid
Date Collected: 04/21/25 00:00
Date Received: 04/23/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: 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

Login Sample Receipt Checklist

Client: Carmona Resources

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

Login Number: 57282
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | 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

See page two for job notes and contact information.

Eurofins Midland

Job Notes

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

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

Authorization

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6/27/2025 1:40:24 PM

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

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-59775-1
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		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 Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/26/25 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			06/27/25 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		06/26/25 12:03	06/27/25 00:51	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		06/26/25 12:03	06/27/25 00:51	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		06/26/25 12:03	06/27/25 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*06/26/25 12:03*	*06/27/25 00:51*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*06/26/25 12:03*	*06/27/25 00:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		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 Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: CS-2 (3')

Lab Sample ID: 880-59775-2
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/26/25 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/25 01:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:06	1
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 Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.4**		10.1		mg/Kg			06/27/25 06:28	1

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-59775-3
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		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*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*06/26/25 12:30*	*06/26/25 19:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/26/25 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/27/25 01:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/26/25 12:03	06/27/25 01:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/26/25 12:03	06/27/25 01:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-59775-3
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		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 Chromatography - 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')

Lab Sample ID: 880-59775-4
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		06/26/25 12:30	06/26/25 19:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 19:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/26/25 12:30	06/26/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*06/26/25 12:30*	*06/26/25 19:39*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*06/26/25 12:30*	*06/26/25 19:39*	*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			06/26/25 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/27/25 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/26/25 12:03	06/27/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*06/26/25 12:03*	*06/27/25 01:38*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*06/26/25 12:03*	*06/27/25 01:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		10.0		mg/Kg			06/27/25 06:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-59775-5
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		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 - Total BTEX Calculation

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 Range Organics (DRO) (GC)

Analyte	Result	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 Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/26/25 12:03	06/27/25 01:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/26/25 12:03	06/27/25 01:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/26/25 12:03	06/27/25 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*06/26/25 12:03*	*06/27/25 01:54*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*06/26/25 12:03*	*06/27/25 01:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		9.96		mg/Kg			06/27/25 07:04	1

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-59775-6
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 20:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 20:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 20:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		06/26/25 12:30	06/26/25 20:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/26/25 12:30	06/26/25 20:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/26/25 12:30	06/26/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*06/26/25 12:30*	*06/26/25 20:20*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*06/26/25 12:30*	*06/26/25 20:20*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-59775-6
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/26/25 20:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/27/25 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/27/25 02:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/27/25 02:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/26/25 12:03	06/27/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*06/26/25 12:03*	*06/27/25 02:10*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*06/26/25 12:03*	*06/27/25 02:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		10.0		mg/Kg			06/27/25 07:11	1

Client Sample ID: SW-5 (3')

Lab Sample ID: 880-59775-7
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		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
Xylenes, Total	<0.00398	U	0.00398		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*

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			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

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: SW-5 (3')

Lab Sample ID: 880-59775-7
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		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*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

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')

Lab Sample ID: 880-59775-8
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		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 - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/26/25 22:15	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 02:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	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*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.1		mg/Kg			06/27/25 07:25	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-59717-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
MB 880-113110/5-A	Method Blank	100	94

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-59774-A-1-B MS	Matrix Spike	80	82
880-59774-A-1-C MSD	Matrix Spike Duplicate	92	83
880-59775-1	CS-1 (3')	87	83
880-59775-2	CS-2 (3')	89	86
880-59775-3	SW-1 (3')	91	88
880-59775-4	SW-2 (3')	84	82
880-59775-5	SW-3 (3')	85	82
880-59775-6	SW-4 (3')	88	86
880-59775-7	SW-5 (3')	90	88
880-59775-8	SW-6 (3')	87	85
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

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-59775-1
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

Analyte	MB Result	MB 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

Surrogate	*MB %Recovery*	*MB 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

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

Surrogate	*LCS %Recovery*	*LCS 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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09009		mg/Kg		90	70 - 130	7	35
Toluene	0.100	0.08438		mg/Kg		84	70 - 130	0	35
Ethylbenzene	0.100	0.09258		mg/Kg		93	70 - 130	3	35
m,p-Xylenes	0.200	0.1843		mg/Kg		92	70 - 130	5	35
o-Xylene	0.100	0.09883		mg/Kg		99	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD 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

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

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

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

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

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

Lab Sample ID: 880-59717-A-1-F MSD
Matrix: Solid
Analysis Batch: 113162

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 113110

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

Surrogate	*MSD %Recovery*	*MSD 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 Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		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

Surrogate	*MB %Recovery*	*MB 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

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

Eurofins Midland

QC Sample Results

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

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

Lab Sample ID: LCSD 880-113147/3-A
Matrix: Solid
Analysis Batch: 113158

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

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

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

Lab Sample ID: 880-59774-A-1-B MS
Matrix: Solid
Analysis Batch: 113158

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 113147

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

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

Lab Sample ID: 880-59774-A-1-C MSD
Matrix: Solid
Analysis Batch: 113158

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 113147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	733.0		mg/Kg		73	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	999	848.4		mg/Kg		85	70 - 130	3	20

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-59775-1
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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/27/25 05:37	1

Lab Sample ID: LCS 880-113168/2-A
Matrix: Solid
Analysis Batch: 113189

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-113168/3-A
Matrix: Solid
Analysis Batch: 113189

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254.2		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-59774-A-1-F MS
Matrix: Solid
Analysis Batch: 113189

Client Sample ID: Matrix Spike
Prep Type: Soluble

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

Lab Sample ID: 880-59774-A-1-G MSD
Matrix: Solid
Analysis Batch: 113189

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	128	F1	250	334.5	F1	mg/Kg		83	90 - 110	0	20

QC Association Summary

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	

QC Association Summary

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	

QC Association Summary

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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: CS-1 (3')

Lab Sample ID: 880-59775-1
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	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

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-59775-4
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	113110	06/26/25 12:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	113162	06/26/25 20:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			113275	06/26/25 20:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			113242	06/27/25 01:54	SA	EET MID
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	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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 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	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 02:26	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: SW-5 (3')

Lab Sample ID: 880-59775-7
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	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
Matrix: Solid
Date Collected: 06/24/25 00:00
Date Received: 06/26/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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
Project/Site: Peakview Federal Battery

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

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

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

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: 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

880-59775 Chain of Custody

6/27/2025

Page 1 of 1

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

Work Order Comments

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

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Peakview Federal Battery	Turn Around	
Project Number:	2659	☐ Routine ☑ Rush	
Project Location	Eddy County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.3
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-1 (3')	6/24/2025		X		Comp	1	X	X	X	
CS-2 (3')	6/24/2025		X		Comp	1	X	X	X	
SW-1 (3')	6/24/2025		X		Comp	1	X	X	X	
SW-2 (3')	6/24/2025		X		Comp	1	X	X	X	
SW-3 (3')	6/24/2025		X		Comp	1	X	X	X	
SW-4 (3')	6/24/2025		X		Comp	1	X	X	X	
SW-5 (3')	6/24/2025		X		Comp	1	X	X	X	
SW-6 (3')	6/24/2025		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/26/25 1105		6/26/25 1105

Login Sample Receipt Checklist

Client: Carmona Resources

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

Login Number: 59775
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | 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

See page two for job notes and contact information.

my EOL

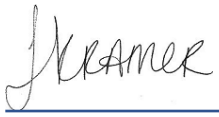
Eurofins Midland

Job Notes

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

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

Authorization



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6/27/2025 1:23:58 PM

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

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

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

Client Sample ID: Backfill

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

Lab Sample ID: 880-59774-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		06/26/25 12:17	06/26/25 19:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/26/25 12:17	06/26/25 19:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/26/25 12:17	06/26/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*06/26/25 12:17*	*06/26/25 19:07*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/26/25 12:17*	*06/26/25 19:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/26/25 19:07	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 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 00:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 00:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/26/25 12:03	06/27/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*06/26/25 12:03*	*06/27/25 00:03*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*06/26/25 12:03*	*06/27/25 00:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**	**F1**	9.98		mg/Kg			06/27/25 05:59	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-59774-1
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-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-59774-1	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

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-59774-1
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

Analyte	MB Result	MB 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

Surrogate	*MB %Recovery*	*MB 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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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		
m,p-Xylenes			0.200	0.1863		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.09368		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS 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
Analysis Batch: 112995

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 112989

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09362		mg/Kg		94	70 - 130	1	35
Toluene			0.100	0.08763		mg/Kg		88	70 - 130	0	35
Ethylbenzene			0.100	0.09169		mg/Kg		92	70 - 130	1	35
m,p-Xylenes			0.200	0.1878		mg/Kg		94	70 - 130	1	35
o-Xylene			0.100	0.09404		mg/Kg		94	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*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

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

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-59774-1
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

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 112989

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07073		mg/Kg		71	70 - 130
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

Surrogate	*MS %Recovery*	*MS Qualifier*	*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
Prep Type: Total/NA
Prep Batch: 112989

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09712		mg/Kg		97	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.07843		mg/Kg		78	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07115		mg/Kg		71	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1444		mg/Kg		72	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.07372		mg/Kg		74	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD 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

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 113147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		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

Surrogate	*MB %Recovery*	*MB 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

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Peakview Federal Battery

Job ID: 880-59774-1
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

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

Lab Sample ID: LCSD 880-113147/3-A
Matrix: Solid
Analysis Batch: 113158

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

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

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

Lab Sample ID: 880-59774-1 MS
Matrix: Solid
Analysis Batch: 113158

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 113147

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

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

Lab Sample ID: 880-59774-1 MSD
Matrix: Solid
Analysis Batch: 113158

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 113147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	733.0		mg/Kg		73	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	999	848.4		mg/Kg		85	70 - 130	3	20

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

QC Sample Results

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			06/27/25 05:37	1

Lab Sample ID: LCS 880-113168/2-A
Matrix: Solid
Analysis Batch: 113189

Client Sample ID: Lab Control Sample
Prep Type: Soluble

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

Lab Sample ID: LCSD 880-113168/3-A
Matrix: Solid
Analysis Batch: 113189

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254.2		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-59774-1 MS
Matrix: Solid
Analysis Batch: 113189

Client Sample ID: Backfill
Prep Type: Soluble

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

Lab Sample ID: 880-59774-1 MSD
Matrix: Solid
Analysis Batch: 113189

Client Sample ID: Backfill
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	128	F1	250	334.5	F1	mg/Kg		83	90 - 110	0	20

QC Association Summary

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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Total/NA	Solid	5035	
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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	Total/NA	Solid	8021B	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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-59774-1	Backfill	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	
880-59774-1 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	

QC Association Summary

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
Project/Site: Peakview Federal Battery

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

Client Sample ID: Backfill

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

Lab Sample ID: 880-59774-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	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

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	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

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

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: 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

Chain of Custody

880-59774 Chain of Custody

6/27/2025

Page ___1___ of __1___

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

Work Order Comments

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

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Peakview Federal Battery	Turn Around	
Project Number:	2659	☐ Routine ☑ Rush	
Project Location	Eddy County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.3
Total Containers:		Corrected Temperature:	-0.4

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
Backfill	6/24/2025		X		Comp	1		X	X	X	

Parameters

ANALYSIS REQUEST

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/24/25 1105		6/24/25 1105

Login Sample Receipt Checklist

Client: Carmona Resources

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

Login Number: 59774
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 503297

QUESTIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 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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QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 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. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 09/05/2025

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QUESTIONS (continued)

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 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 that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		06/23/2025
On what date will (or did) the 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 surface area (in square feet) that will be reclaimed		0
What is the estimated volume (in cubic yards) that will be reclaimed		0
What is the estimated surface area (in square feet) that will be remediated		400
What is the estimated volume (in cubic yards) that will be remediated		55
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

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

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QUESTIONS (continued)

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	Action Number: 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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QUESTIONS (continued)

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

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	Action Number: 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

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

CONDITIONS

Created By	Condition	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