

SITE INFORMATION

Closure Report
Red Bull 35 Federal 1H (08.24.25)
Incident ID: nAPP2523735216
Lea County, New Mexico
Unit K Sec 35 T25S R33E
32.085488°, -103.545737°

Crude Oil Release
Point of Release: Flare Fire
Release Date: 08/24/2025

Volume Released: 0.48 Barrels of Crude Oil Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for: Concho Operating, LLC 600 W Illinois Ave Midland, Texas 79701

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

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



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October 23, 2025

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

Re: Closure Report

Red Bull 35 Federal 1H (08.24.25) Incident ID: nAPP2523735216 Concho Operating, LLC

Site Location: Unit K, S35, T25S, R33E (Lat 32.085488°, Long -103.545737°)

Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Red Bull 35 Federal 1H (08.24.25). The site is located at 32.085488°, -103.545737° within Unit K, S35, T25S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 24, 2025, due to a flare fire. The incident released approximately zero point four eight (0.48) barrels of crude oil with zero (0) barrels of crude oil recovered. The impacted area occurred on pad, as shown in Figure 3. The Notice of Release and C-141 forms are attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. A groundwater determination bore was installed on April 18, 2023, and located approximately 0.07 miles Southeast of the release area in S35, T25S, R33E. The bore was left open for 72 hours and tagged with a water level meter. The bore indicated no signs of water at a depth of 106' below ground surface (bgs). A copy of the associated bore log 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: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.



4.0 Site Assessment Activities

Initial Assessment

On September 4, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) sample points (S-1 and S-2) and five (5) horizontal sample points (H-1 through H-5) were installed to total depths ranging from surface to 1.5' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Remediation Activities

Carmona Resources personnel were on site to mark out the proposed excavation areas and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on October 16, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. The area of S-1 was excavated to a depth of 2.5' to ensure the removal of all impacted material. A total of one (1) confirmation floor sample was collected (CS-1), and five (5) sidewall samples (SW-1 through SW-5) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 for the analytical results.

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 15 cubic yards of material were excavated and transported off-site for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. COG 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 432-813-6823.

Sincerely,

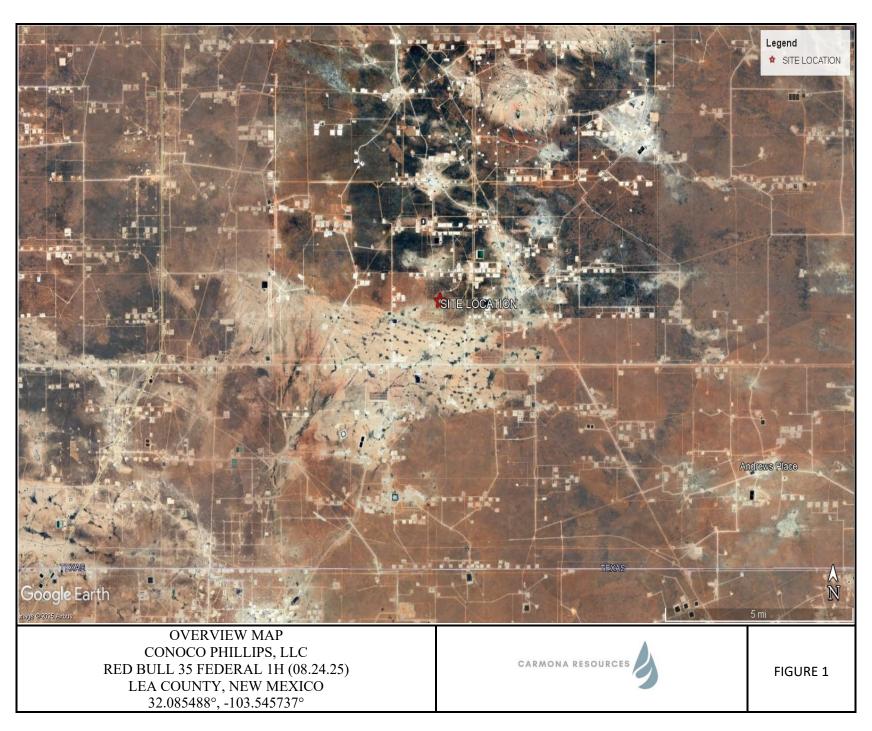
Carmona Resources, LLC

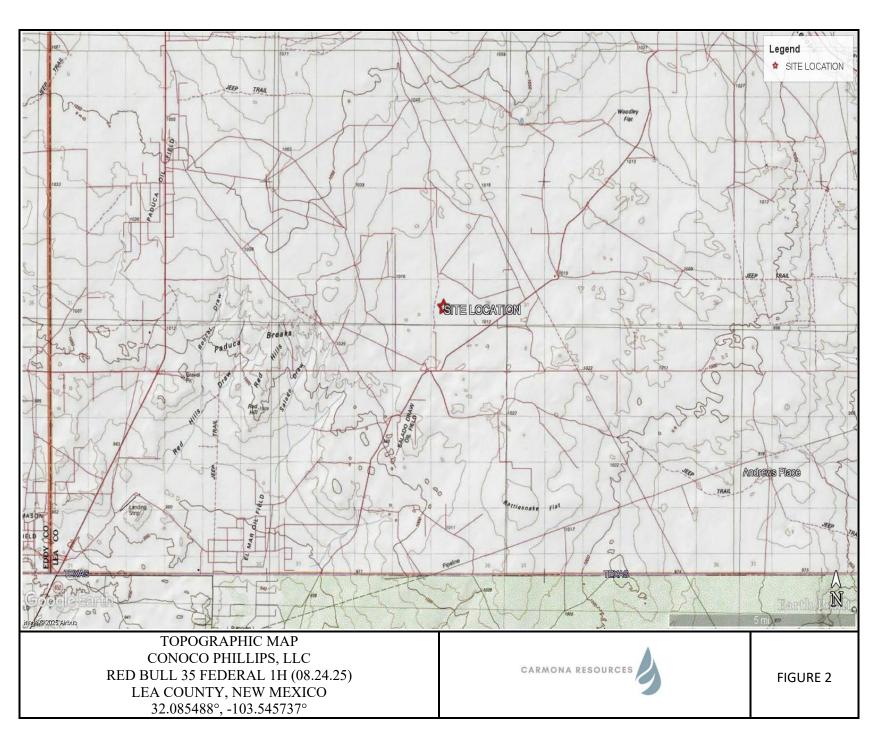
Conner Moehring
Environmental Management

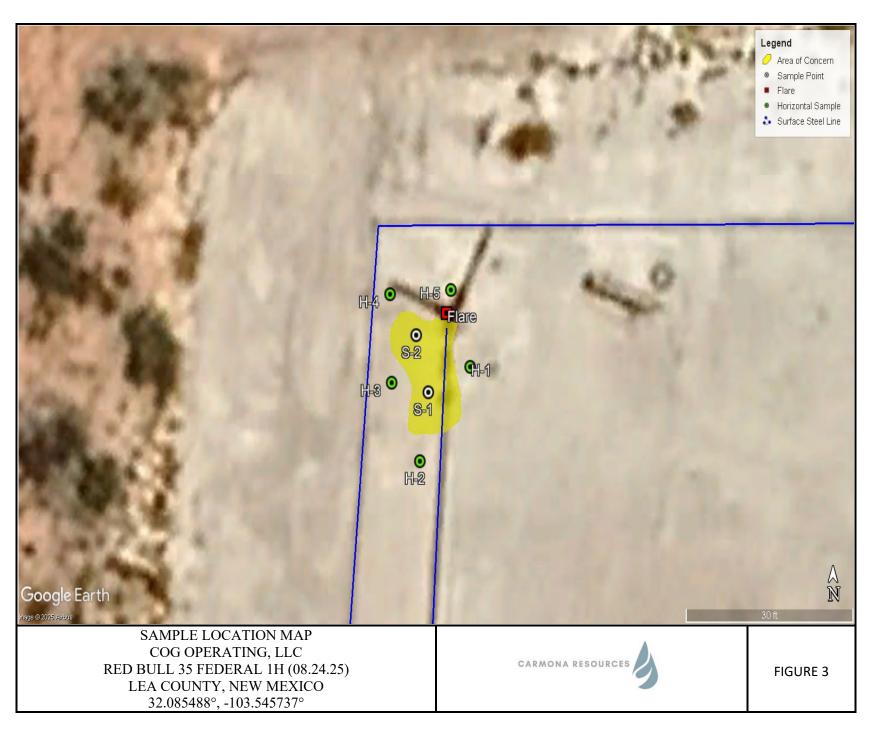
Environmental Manager

Stephen Reyes Environmental Engineer

FIGURES









APPENDIX A

Table 1
COG Operating, LLC
Red Bull 35 Federal 1H Flare Fire (08.24.25)
Lea County, New Mexico

0	Dete	Davids ('a)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (in)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
	9/4/2025	0-3	<50.0	116	<50.0	116	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	325
S-1	"	6	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	539
3-1	"	1	<50.0	66.8	<50.0	66.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	585
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	654
	9/4/2025	0-3	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.4
S-2	"	6	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	530
	"	1	<50.0	77.1	<50.0	77.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	597
H-1	9/4/2025	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	77.7
H-2	9/4/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	77.4
H-3	9/4/2025	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	122
H-4	9/4/2025	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	76.5
H-5	9/4/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	68.2
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (S) Sample Point (H) Horizontal Point

Removed

Table 1 COG Operating, LLC Redbull 35 Federal 1H Flare Fire (08.24.2025) Lea County, New Mexico

Sample ID			TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride	
	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-1	10/8/2025	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	122
SW-1	10/8/2025	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	108
SW-2	10/8/2025	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
SW-3	10/8/2025	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
SW-4	10/8/2025	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	99.3
SW-5	10/8/2025	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	107
BACKFILL	10/17/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	105
Regula	tory 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

PHOTOGRAPHIC LOG

COG Operating, LLC

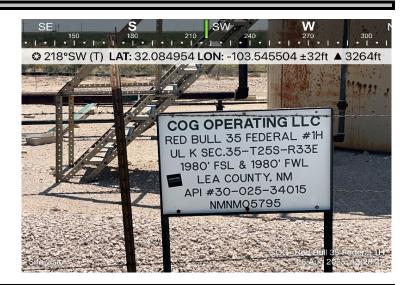
Photograph No. 1

Facility: Red Bull 35 Federal 1H (08.24.25)

County: Lea County, New Mexico

Description:

View Southwest of well sign.



Photograph No. 2

Facility: Red Bull 35 Federal 1H (08.24.25)

County: Lea County, New Mexico

Description:

View North, area of initial sampling S-1 & S-2



Photograph No. 3

Facility: Red Bull 35 Federal 1H (08.24.25)

County: Lea County, New Mexico

Description:

View Northwest, area of excavation



PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 4

Facility: Red Bull 35 Federal 1H (08.24.25)

County: Lea County, New Mexico

Description:

View North, area of backfilled excavation.



APPENDIX C

General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 498812

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	498812
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source				
Please answer all the questions in this group.				
Site Name	Red Bull 35 Federal 1H			
Date Release Discovered	08/24/2025			
Surface Owner	Private			

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 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)	Emergency services were not notified Release was confined to the well pad Facility has been cleared by safety personnel

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 498812

QUESTIONS	(continued)
QUESTIONS!	(COHUHUCU)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	498812
	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)	More volume information must be supplied to determine if this will be treated as a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes		
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.		
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 s	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	Emergency services were not notified Release was confined to the well pad Facility has been cleared by safety personnel				

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.

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

ACKNOWLEDGMENTS

Action 498812

ACKNOWLEDGMENTS

Operator:		OGRID:
ı	COG OPERATING LLC	229137
ı	600 W Illinois Ave	Action Number:
ı	Midland, TX 79701	498812
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
~	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 498812

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	498812
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By		Condition Date
jlaird	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/25/2025

Received by OCD: 11/5/2025 10:17:25 AM Spill Calculation - On-Pad Surface Pool Spill Page 21 of 140										
Convert Irregular shape into a series of rectangles	i			Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Puge 21 of 140 – Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	10	8	1.0	80.00	0.47	0.00	0.48		0.00	0.48
Rectangle B				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle C				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle D		Ĭ		0.00	0.00	0.00	0.00		0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00		0.00	0.00
Released to Imaging: 12	71/2025	11.05.0	0 4 14	0.00	0.00	0.00	0.00		0.00	0.00
- Reieusea io Imaging: 12	M12023	11.00.0	Total Vo	lume Released to	Unlined Secondar	y Containment:	0.4766		0.0000	0.4766

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 499331

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	499331
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2523735216	
Incident Name	NAPP2523735216 RED BULL 35 FEDERAL 1H @ 30-025-34015	
Incident Type	Oil Release	
Incident Status	Initial C-141 Received	
Incident Well	[30-025-34015] RED BULL 35 FEDERAL #001H	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Red Bull 35 Federal 1H	
Date Release Discovered	08/24/2025	
Surface Owner	Private	

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	Yes			
Did this release result in any injuries	No			
Has this release reached or does it have a reasonable probability of reaching a watercourse	No			
Has this release endangered or does it have a reasonable probability of endangering public health	No			
Has this release substantially damaged or will it substantially damage property or the environment	No			
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No			

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 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)	Emergency services were not notified Release was confined to the well pad Facility has been cleared by safety personnel

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

Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 499331

QUESTIONS	(continued)
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Operator:		OGRID:
COG OPERATING LLC 600 W Illinois Ave		229137 Action Number:
Midland, TX 79701		499331
		Action Type:
		[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determ	ine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major r (2) an unauthorized rele (a) results in a fire	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the	ne C-129 form.
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in inju	ıry.
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	Emergency services were no cleared by safety personnel	ot notified Release was confined to the well pad Facility has been
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediactions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	a lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my be to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger publi adequately investigate and remo	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technici Email: brittany.Esparza@Co Date: 08/26/2025	

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 499331

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	499331
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

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 What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered 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 Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

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	No			
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.				

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 499331

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	499331
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By		Condition Date
scott.rodgers	None	8/26/2025

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

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 512335

QUESTIONS

Operator:	OGRID:				
COG OPERATING LLC	229137				
600 W Illinois Ave	Action Number:				
Midland, TX 79701	512335				
	Action Type:				
	[NOTIFY] Notification Of Sampling (C-141N)				

QUESTIONS

Prerequisites								
Incident ID (n#)	nAPP2523735216							
Incident Name	NAPP2523735216 RED BULL 35 FEDERAL 1H @ 30-025-34015							
Incident Type	Oil Release							
Incident Status	Initial C-141 Approved							
Incident Well	[30-025-34015] RED BULL 35 FEDERAL #001H							

Location of Release Source							
Site Name	Red Bull 35 Federal 1H						
Date Release Discovered	08/24/2025						
Surface Owner	Private						

Sampling Event General Information								
Please answer all the questions in this group.								
What is the sampling surface area in square feet	127							
What is the estimated number of samples that will be gathered	6							
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/08/2025							
Time sampling will commence	10:30 AM							
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823							
Please provide any information necessary for navigation to sampling site	32.085487, -103.545730							

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 512335

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	512335
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Creat By	ed Condition	Condition Date
jlair	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.	10/6/2025
jlair	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.	10/6/2025

APPENDIX D







New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to

right file.)	closed)			larges	t)								(meters)		(In feet))
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	x	Y	Мар	Distance	Well Depth		Water Column
<u>C 02313</u>		CUB	LE	NE	SW	SW	26	25S	33E	636971.0	3552098.0 *	•	1287	150	110	40
C 04628 POD1		CUB	LE	NW	NW	NE	01	26S	33E	639120.7	3550219.3	•	1982			
C 02285 POD1		CUB	LE	NW	SE	SE	03	26S	33E	636612.9	3548855.0	•	2078	220	220	0
<u>C 02288</u>		CUB	LE	SE	SE	SE	03	26S	33E	636645.9	3548758.5	•	2161	220	180	40
<u>C 02290</u>		CUB	LE	SE	SE	SE	03	26S	33E	636538.0	3548770.9	•	2182	200	160	40
<u>C 02289</u>		CUB	LE	SE	SE	SE	03	26S	33E	636612.0	3548675.0 *	•	2251	200	160	40
<u>C 02286</u>		CUB	LE	SW	SE	SE	03	26S	33E	636469.5	3548714.8	•	2257	220	175	45
<u>C 02287</u>		C	LE	SW	SE	SE	03	26S	33E	636427.4	3548708.1	•	2278	220		
C 04698 POD1		CUB	LE	NE	NW	SE	27	25S	33E	635651.9	3553287.5	•	2917	80		
<u>C 02291</u>		CUB	LE	NW	NW	NE	06	26S	34E	640825.0	3550140.0 *	•	3655	220	160	60
<u>C 03441 POD1</u>		C	LE	SE	NW	NE	06	26S	34E	640970.7	3550039.6	•	3818	250		
<u>C 02294</u>		CUB	LE	SE	SE	SW	11	26S	33E	637465.4	3547003.1	•	3841	200	145	55
C 02292 POD1		CUB	LE	SE	NW	NE	06	26S	34E	640991.6	3549987.2	•	3849	200	140	60
<u>C 02293</u>		CUB	LE	NE	NE	NW	14	26S	33E	637500.6	3546975.0	•	3871	200	135	65
C 03442 POD1		C	LE	SE	NW	NE	06	26S	34E	641055.8	3550028.1	•	3903	251		

Average Depth to Water: 158 feet

Minimum Depth: 110 feet

Maximum Depth: 220 feet

Record Count: 15

<u>UTM Filters (in meters):</u>

Easting: 637237.00 **Northing:** 3550838.00

Radius: 4000

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

^{*} UTM location was derived from PLSS - see Help

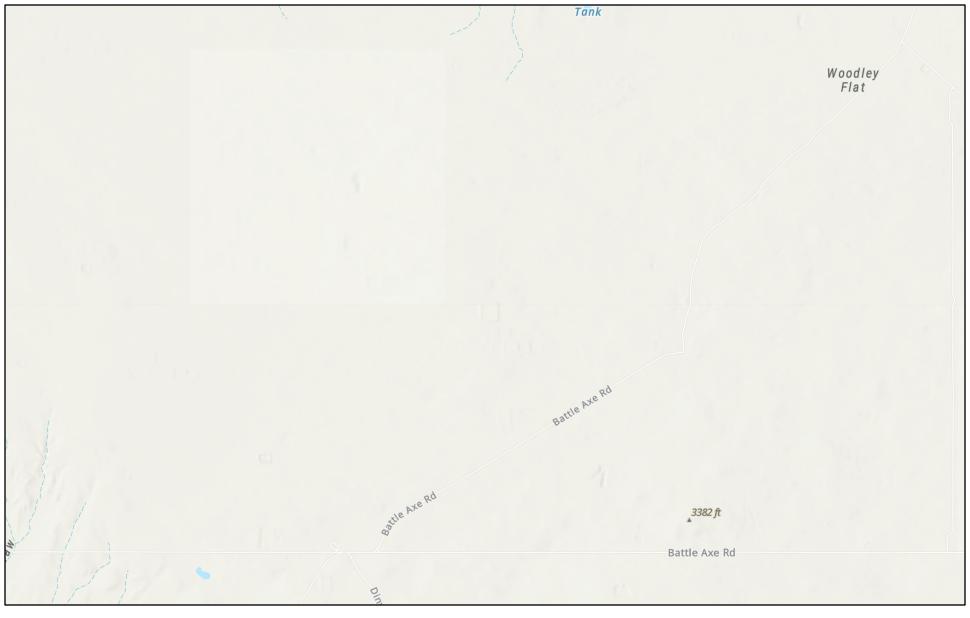
Sample Name: BH01 Date: 04/18/2023 Site Name: Redbull Federal 35 Incident Number: nAPP2126444907 Job Number: 03D2024004 LITHOLOGIC / SOIL SAMPLING LOG Logged By: J. Falcomata Method: Hollow Stem Coordinates: 32.0848815, -103.5447991 Hole Diameter: 5" Total Depth: 106'

Comments: Soil boring was advanced to a total depth of 106' bgs. No water was observed within the soil boring after at least 72 hours. On 04/21/2023 the soil boring was plugged and abandoned using hydrated bentonite chips.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
					1 -	<u> </u>		Note: Driller injected well with a water and soap mixture @ 50' to help stabilize well and prevent cave in. Due to collapse, well cased @ 60' using 2" polypipe casing.
Dry	-	-	N	-		10	SP-SC	(10') SAND: fine grained - med grained, trace
						- -		amounts med sized gravel, poorly graded, tan - yellow brown, no odor, non plastic, non cohesive.
Dry	-	-	N	-		20	SP-SM	(20') SAND: fine grained, slightly silty poorly
						-		graded, med-reddish brown, no odor, non plastic,
Dry	-	-	N	-	_	30	SP-SM	non cohesive (30') SAND: fine grained, slightly silty, poorly
					_	-		graded, reddish brown - slightly orange, no odor,
Dry	_	-	N	-		40	SP-SM	non plastic, non cohesive. (40') SAND: fine grained, slightly silty, poorly
					-	-		graded, orangish brown, no odor, non plastic, non
Dry	-	-	N	-		_ 50	SP-SM	cohesive. (50') SAND: fine grained, silty, poorly sorted,
					-	-		orangish brown to medium brown, no odor, non
Dry	_	-	N	-		60	SP-SM	plastic, non cohesive. (60') SAND: fine grained, silty, poorly sorted,
					-	-		orangish brown to medium brown, no odor, non
Wet	-	-	N	-		- 70	SP-SM	plastic, non cohesive. (70') SAND: fine grained, silty, poorly graded,
					-	-		medium brown - tan, wet from injection, no odor,
Wet	-	-	N	-		- 80	SP-SM	non plastic, non cohesive. (80') SAND: fine grained, silty, poorly graded, ,
					-	-		medium, wet from injection, no odor, non plastic,
Wet	-	-	N	-		90	SP-SM	non cohesive. (90') SAND: fine grained, silty, poorly graded, ,
					-	-		medium, wet from injection, no odor, non plastic,
Wet	-	-	N	-		100	SP-SM	non cohesive. (100') SAND: fine grained, silty, poorly sorted,
					-	-		medium brown - brown, wet from injection, no
Wet	-	-	N	-	-	106	SP-SM	odor, non plastic, non cohesive. AA

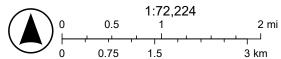
Total Depth @ 106 feet bgs

Red Bull 35 Federal 1H (08.24.2025)



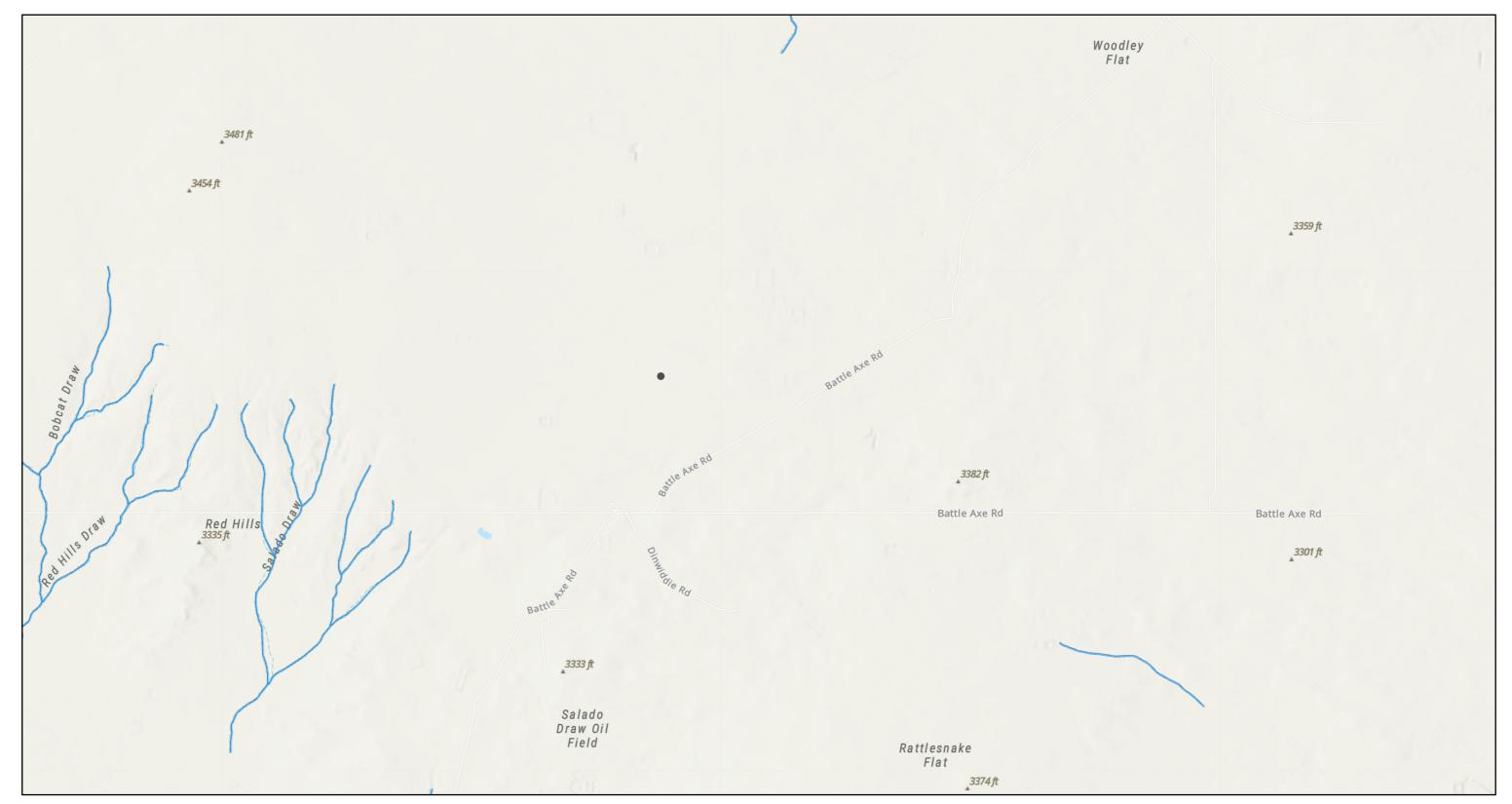
8/27/2025

World_Hillshade



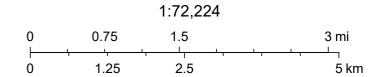
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

Red Bull 35 Federal 1H (08.24.2025)



8/27/2025, 10:48:05 AM

OSE Streams



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

APPENDIX E

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/10/2025 5:43:19 PM

JOB DESCRIPTION

Red Bull 35 Federal 1H Flare Fire (08.24.25) Lea County, New Mexico

JOB NUMBER

880-62427-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 9/10/2025 5:43:19 PM

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

3

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0

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12

13

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) Laboratory Job ID: 880-62427-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Job ID: 880-62427-1 Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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 Colony Forming Unit CFU **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 MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

Toxicity Equivalent Factor (Dioxin) TFF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources Job ID: 880-62427-1

Project: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1 Eurofins Midland

Job Narrative 880-62427-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/9/2025 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-1') (880-62427-1), H-2 (0-1') (880-62427-2), H-3 (0-1') (880-62427-3), H-4 (0-1') (880-62427-4) and H-5 (0-1') (880-62427-5).

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

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

Eurofins Midland

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4.0

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Lab Sample ID: 880-62427-1

Matrix: Solid

Job ID: 880-62427-1

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

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 12:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 12:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 12:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 12:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 12:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 12:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				09/10/25 08:50	09/10/25 12:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/10/25 08:50	09/10/25 12:15	1
Method: TAL SOP Total BTEX - 1	otal BTFX Cald	culation							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/10/25 12:15	
Analyte Total TPH		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
lotal II II	<49.9	U	49.9		mg/Kg			09/10/25 12:41	
					mg/Kg			09/10/25 12:41	1
Method: SW846 8015B NM - Dies	sel Range Orga			MDL	mg/Kg Unit	D	Prepared	09/10/25 12:41 Analyzed	
Method: SW846 8015B NM - Dies Analyte	sel Range Orga	nics (DRO) Qualifier	(GC)	MDL		<u>D</u>	Prepared 09/10/25 08:04		Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	sel Range Orga Result	nics (DRO) Qualifier	(GC)	MDL	Unit	<u>D</u>	<u> </u>	Analyzed	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result	nics (DRO) Qualifier	(GC)	MDL	Unit	<u>D</u>	<u> </u>	Analyzed	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <49.9	nics (DRO) Qualifier U	(GC) RL 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	09/10/25 08:04 09/10/25 08:04	Analyzed 09/10/25 12:41 09/10/25 12:41	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <pre><49.9</pre>	nics (DRO) Qualifier U	(GC) RL 49.9	MDL	Unit mg/Kg	<u> </u>	09/10/25 08:04	Analyzed 09/10/25 12:41	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	sel Range Orga Result <49.9	nics (DRO) Qualifier U U	(GC) RL 49.9	MDL	Unit mg/Kg mg/Kg	<u> </u>	09/10/25 08:04 09/10/25 08:04	Analyzed 09/10/25 12:41 09/10/25 12:41	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	sel Range Orga Result <49.9 <49.9	nics (DRO) Qualifier U U	(GC) RL 49.9 49.9 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	09/10/25 08:04 09/10/25 08:04 09/10/25 08:04	Analyzed 09/10/25 12:41 09/10/25 12:41	Dil Fac

Client Sample ID: H-2 (0-1') Lab Sample ID: 880-62427-2

RL

9.92

MDL Unit

mg/Kg

D

Prepared

Analyzed

09/10/25 12:41

Dil Fac

Matrix: Solid

Result Qualifier

77.7

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 12:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 12:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 12:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/10/25 08:50	09/10/25 12:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 12:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/25 08:50	09/10/25 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				09/10/25 08:50	09/10/25 12:35	1
1.4-Difluorobenzene (Surr)	103		70 - 130				09/10/25 08:50	09/10/25 12:35	1

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1

SDG: Lea County, New Mexico

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

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62427-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/10/25 12:35	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/10/25 12:55	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 12:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 12:55	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				09/10/25 08:04	09/10/25 12:55	1
o-Terphenyl (Surr)	98		70 - 130				09/10/25 08:04	09/10/25 12:55	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		9.94		mg/Kg			09/10/25 12:47	

Client Sample ID: H-3 (0-1') Lab Sample ID: 880-62427-3 **Matrix: Solid**

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 12:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 12:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 12:56	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		09/10/25 08:50	09/10/25 12:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 12:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/10/25 08:50	09/10/25 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/10/25 08:50	09/10/25 12:56	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 ₋ 130 RL	MDL	Unit	D	09/10/25 08:50 Prepared	09/10/25 12:56 Analyzed	
		culation	70 - 130				09/10/25 08:50	09/10/25 12:56	1
Method: TAL SOP Total BTEX	(- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	(- Total BTEX Calc Result <0.00396	Qualifier U	RL 0.00396	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX	(- Total BTEX Calc Result <0.00396	Qualifier U	RL 0.00396			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di	(- Total BTEX Calc Result <0.00396	Qualifier U ics (DRO) (Qualifier	RL 0.00396		mg/Kg		Prepared	Analyzed 09/10/25 12:56	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte	C - Total BTEX Calc Result <0.00396 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 49.8		mg/Kg		Prepared	Analyzed 09/10/25 12:56 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	C - Total BTEX Calc Result <0.00396 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared	Analyzed 09/10/25 12:56 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I	C - Total BTEX Calc Result <0.00396 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00396 GC) RL 49.8	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 09/10/25 12:56 Analyzed 09/10/25 13:09	Dil Fac

Client: Carmona Resources

Job ID: 880-62427-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-1') Lab Sample ID: 880-62427-3 Matrix: Solid

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Method: SW846 8015B NM - Die	esel Range Organics (DRO) (GC)	(Continu	ied)	
Analyte	Result Qualifier	RL	MDL Unit	D

Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg	09/10/25 08:04	09/10/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130		09/10/25 08:04	09/10/25 13:09	1

70 - 130

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble
3 P 3

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.96		mg/Kg			09/10/25 12:53	1

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

o-Terphenyl (Surr)

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00 Lab Sample ID: 880-62427-4

Analyzed

09/10/25 13:09

Matrix: Solid

Prepared

09/10/25 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 13:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 13:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 13:16	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 13:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 13:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	09/10/25 08:50	09/10/25 13:16	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/10/25 08:50	09/10/25 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/10/25 13:16	1

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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			09/10/25 13:23	1

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

Michiga. Offoro of IOD Min - Dicaci	italige Olga	ilies (Bite) (3 0,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		09/10/25 08:04	09/10/25 13:23	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		09/10/25 08:04	09/10/25 13:23	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/10/25 08:04	09/10/25 13:23	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95	70 - 130	09/10/25 08:04	09/10/25 13:23	1
o-Terphenyl (Surr)	96	70 - 130	09/10/25 08:04	09/10/25 13:23	1

Г <u>., ., . , ,</u>
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.5		9.98		mg/Kg			09/10/25 12:59	1

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Client Sample ID: H-5 (0-1')

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62427-5

Matrix: Solid

Job ID: 880-62427-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 13:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 13:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 13:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		09/10/25 08:50	09/10/25 13:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 13:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/10/25 08:50	09/10/25 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/10/25 08:50	09/10/25 13:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/10/25 08:50	09/10/25 13:37	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/10/25 13:37	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/10/25 13:37	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg	_	09/10/25 08:04	09/10/25 13:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 13:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				09/10/25 08:04	09/10/25 13:37	1
o-Terphenyl (Surr)	100		70 - 130				09/10/25 08:04	09/10/25 13:37	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	68.2		9.92		mg/Kg			09/10/25 13:04	1

Released to Imaging: 12/1/2025 11:05:08 AM

Surrogate Summary

Client: Carmona Resources

Job ID: 880-62427-1

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea 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)	
880-62426-A-1-E MS	Matrix Spike	94	102	
880-62426-A-1-F MSD	Matrix Spike Duplicate	82	121	
880-62427-1	H-1 (0-1')	93	99	
880-62427-2	H-2 (0-1')	93	103	
880-62427-3	H-3 (0-1')	95	104	
880-62427-4	H-4 (0-1')	93	103	
880-62427-5	H-5 (0-1')	97	101	
LCS 880-118594/1-A	Lab Control Sample	96	93	
LCSD 880-118594/2-A	Lab Control Sample Dup	97	90	
MB 880-118594/5-A	Method Blank	84	113	

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)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-62426-A-1-C MS	Matrix Spike	110	104	
880-62426-A-1-D MSD	Matrix Spike Duplicate	110	104	
880-62427-1	H-1 (0-1')	98	100	
880-62427-2	H-2 (0-1')	96	98	
880-62427-3	H-3 (0-1')	99	101	
880-62427-4	H-4 (0-1')	95	96	
880-62427-5	H-5 (0-1')	98	100	
LCS 880-118585/2-A	Lab Control Sample	109	105	
LCSD 880-118585/3-A	Lab Control Sample Dup	107	103	
MB 880-118585/1-A	Method Blank	108	110	

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources Job ID: 880-62427-1 SDG: Lea County, New Mexico Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-118594/5-A

Matrix: Solid

Analysis Batch: 118589

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 118594

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/10/25 08:50	09/10/25 11:32	1

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/10/25 08:	50 09/10/25 11:32	1
1,4-Difluorobenzene (Surr)	113		70 - 130	09/10/25 08:	50 09/10/25 11:32	1

Lab Sample ID: LCS 880-118594/1-A

Matrix: Solid

Analysis Batch: 118589

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 118594

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08835		mg/Kg		88	70 - 130	
Toluene	0.100	0.1015		mg/Kg		102	70 - 130	
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	
m,p-Xylenes	0.200	0.1910		mg/Kg		96	70 - 130	
o-Xylene	0.100	0.09535		mg/Kg		95	70 - 130	

LCS LCS

Surrogate	%Recovery Qualific	er Limits
4-Bromofluorobenzene (Surr)	96	70 - 130
1,4-Difluorobenzene (Surr)	93	70 - 130

Lab Sample ID: LCSD 880-118594/2-A

Matrix: Solid

Analysis Batch: 118589

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

Prep Batch: 118594

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09065		mg/Kg		91	70 - 130	3	35
Toluene	0.100	0.1038		mg/Kg		104	70 - 130	2	35
Ethylbenzene	0.100	0.1047		mg/Kg		105	70 - 130	2	35
m,p-Xylenes	0.200	0.1982		mg/Kg		99	70 - 130	4	35
o-Xylene	0.100	0.09863		mg/Kg		99	70 - 130	3	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	97	70 - 130
1,4-Difluorobenzene (Surr)	90	70 - 130

Lab Sample ID: 880-62426-A-1-E MS

Matrix: Solid

Analysis Batch: 118589

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

Prep Batch: 118594

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.07672		mg/Kg		77	70 - 130	
Toluene	< 0.00200	U	0.100	0.08570		mg/Kg		86	70 - 130	

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QC Sample Results

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1 SDG: Lea County, New Mexico

Client Sample ID: Matrix Spike

Prep Type: Total/NA Prep Batch: 118594

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

Lab Sample ID: 880-62426-A-1-E MS

Matrix: Solid

Analysis Batch: 118589

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00200	U	0.100	0.08128		mg/Kg		81	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1586		mg/Kg		79	70 - 130	
o-Xylene	<0.00200	U	0.100	0.07884		mg/Kg		79	70 - 130	

MS MS

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

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 118594

Matrix: Solid Analysis Batch: 118589

Lab Sample ID: 880-62426-A-1-F MSD

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1077		mg/Kg		108	70 - 130	34	35
Toluene	<0.00200	U	0.100	0.08912		mg/Kg		89	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07846		mg/Kg		78	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.1569		mg/Kg		78	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.07625		mg/Kg		76	70 - 130	3	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

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

Lab Sample ID: MB 880-118585/1-A

Matrix: Solid

Analysis Batch: 118622

Prep Type: Total/NA

Prep Batch: 118585

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 08:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 08:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 08:06	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	09/10/25 08:04	09/10/25 08:06	1
o-Terphenyl (Surr)	110		70 - 130	09/10/25 08:04	09/10/25 08:06	1

Lab Sample ID: LCS 880-118585/2-A

Analysis Batch: 118622

Matrix: Solid

Client Sample ID: Lab Control Sample	•
Prep Type: Total/NA	١.

Prep Batch: 118585

-	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	956.1		mg/Kg		96	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	935.4		mg/Kg		94	70 - 130	
C10-C28)								

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1

SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-118585/2-A

Lab Sample ID: 880-62426-A-1-C MS

Matrix: Solid

Analysis Batch: 118622

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 118585

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 109 70 - 130 o-Terphenyl (Surr) 105 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 118585

Lab Sample ID: LCSD 880-118585/3-A **Matrix: Solid** Analysis Batch: 118622

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 944.4 94 70 - 13020 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 928.1 93 mg/Kg 70 - 13020 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 118585

Sample Sample MS MS Spike Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.0 U 999 957.3 mg/Kg 96 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 999 869.1 mg/Kg 87 70 - 130

C10-C28)

Matrix: Solid

Analysis Batch: 118622

MS MS %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane (Surr) 110 70 - 130 o-Terphenyl (Surr) 104

Lab Sample ID: 880-62426-A-1-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 118622

Prep Type: Total/NA

Prep Batch: 118585

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit <50.0 U 999 950.8 95 Gasoline Range Organics mg/Kg 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 999 863.4 mg/Kg 86 70 - 130 20

C10-C28)

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane (Surr)	110	70 - 130
o-Terphenyl (Surr)	104	70 - 130

QC Sample Results

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-118584/1-A

Matrix: Solid

Analysis Batch: 118600

Client Sample ID: Method Blank

Prep Type: Soluble

мв мв Dil Fac MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 09/10/25 11:31

Lab Sample ID: LCS 880-118584/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 118600

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 265.8 mg/Kg 106 90 - 110

Lab Sample ID: LCSD 880-118584/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 118600

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 260.9 mg/Kg 104 90 - 110

Lab Sample ID: 880-62370-A-13-C MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 118600

MS MS Sample Sample Spike %Rec Analyte Qualifier Added Result Result Qualifier Unit %Rec Limits Chloride 32.7 252 307.9 109 90 - 110 mg/Kg

Lab Sample ID: 880-62370-A-13-D MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 118600

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 252 Chloride 32.7 305.5 mg/Kg 108 90 - 110 20

QC Association Summary

Client: Carmona Resources

Job ID: 880-62427-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 118589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Total/NA	Solid	8021B	118594
880-62427-2	H-2 (0-1')	Total/NA	Solid	8021B	118594
880-62427-3	H-3 (0-1')	Total/NA	Solid	8021B	118594
880-62427-4	H-4 (0-1')	Total/NA	Solid	8021B	118594
880-62427-5	H-5 (0-1')	Total/NA	Solid	8021B	118594
MB 880-118594/5-A	Method Blank	Total/NA	Solid	8021B	118594
LCS 880-118594/1-A	Lab Control Sample	Total/NA	Solid	8021B	118594
LCSD 880-118594/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	118594
880-62426-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	118594
880-62426-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	118594

Prep Batch: 118594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Total/NA	Solid	5035	_
880-62427-2	H-2 (0-1')	Total/NA	Solid	5035	
880-62427-3	H-3 (0-1')	Total/NA	Solid	5035	
880-62427-4	H-4 (0-1')	Total/NA	Solid	5035	
880-62427-5	H-5 (0-1')	Total/NA	Solid	5035	
MB 880-118594/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-118594/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-118594/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-62426-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-62426-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 118647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Total/NA	Solid	Total BTEX	
880-62427-2	H-2 (0-1')	Total/NA	Solid	Total BTEX	
880-62427-3	H-3 (0-1')	Total/NA	Solid	Total BTEX	
880-62427-4	H-4 (0-1')	Total/NA	Solid	Total BTEX	
880-62427-5	H-5 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 118585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-62427-2	H-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-62427-3	H-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-62427-4	H-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-62427-5	2427-5 H-5 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-118585/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-118585/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-118585/3-A	80-118585/3-A Lab Control Sample Dup		Solid	8015NM Prep	
880-62426-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-62426-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 118622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Total/NA	Solid	8015B NM	118585
880-62427-2	H-2 (0-1')	Total/NA	Solid	8015B NM	118585

QC Association Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 118622 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-3	H-3 (0-1')	Total/NA	Solid	8015B NM	118585
880-62427-4	H-4 (0-1')	Total/NA	Solid	8015B NM	118585
880-62427-5	H-5 (0-1')	Total/NA	Solid	8015B NM	118585
MB 880-118585/1-A	Method Blank	Total/NA	Solid	8015B NM	118585
LCS 880-118585/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	118585
LCSD 880-118585/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	118585
880-62426-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	118585
880-62426-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	118585

Analysis Batch: 118652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Total/NA	Solid	8015 NM	
880-62427-2	H-2 (0-1')	Total/NA	Solid	8015 NM	
880-62427-3	H-3 (0-1')	Total/NA	Solid	8015 NM	
880-62427-4	H-4 (0-1')	Total/NA	Solid	8015 NM	
880-62427-5	H-5 (0-1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 118584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Soluble	Solid	DI Leach	
880-62427-2	H-2 (0-1')	Soluble	Solid	DI Leach	
880-62427-3	H-3 (0-1')	Soluble	Solid	DI Leach	
880-62427-4	H-4 (0-1')	Soluble	Solid	DI Leach	
880-62427-5	H-5 (0-1')	Soluble	Solid	DI Leach	
MB 880-118584/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-118584/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-118584/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-62370-A-13-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-62370-A-13-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 118600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62427-1	H-1 (0-1')	Soluble	Solid	300.0	118584
880-62427-2	H-2 (0-1')	Soluble	Solid	300.0	118584
880-62427-3	H-3 (0-1')	Soluble	Solid	300.0	118584
880-62427-4	H-4 (0-1')	Soluble	Solid	300.0	118584
880-62427-5	H-5 (0-1')	Soluble	Solid	300.0	118584
MB 880-118584/1-A	Method Blank	Soluble	Solid	300.0	118584
LCS 880-118584/2-A	Lab Control Sample	Soluble	Solid	300.0	118584
LCSD 880-118584/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	118584
880-62370-A-13-C MS	Matrix Spike	Soluble	Solid	300.0	118584
880-62370-A-13-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	118584

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Lab Chronicle

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

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

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00 Lab Sample ID: 880-62427-1

Matrix: Solid

Job ID: 880-62427-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118647	09/10/25 12:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			118652	09/10/25 12:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 12:41	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 12:41	CS	EET MID

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

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Lab Sample ID: 880-62427-2

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118647	09/10/25 12:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			118652	09/10/25 12:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 12:55	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 12:47	CS	EET MID

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

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Lab Sample	ID: 880-62427-3
------------	-----------------

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118647	09/10/25 12:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			118652	09/10/25 13:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 13:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 12:53	CS	EET MID

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

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Lab Sample	ID: 880-62427-4
	Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118647	09/10/25 13:16	SA	EET MID

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Released to Imaging: 12/1/2025 11:05:08 AM

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Lab Chronicle

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1

SDG: Lea County, New Mexico

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

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62427-4

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			118652	09/10/25 13:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 13:23	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 12:59	CS	EET MID

Client Sample ID: H-5 (0-1') Lab Sample ID: 880-62427-5

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118647	09/10/25 13:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			118652	09/10/25 13:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 13:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 13:04	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: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1

SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

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Sample Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62427-1

SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-62427-1	H-1 (0-1')	Solid	09/04/25 00:00	09/09/25 15:00	New Mexico
880-62427-2	H-2 (0-1')	Solid	09/04/25 00:00	09/09/25 15:00	New Mexico
880-62427-3	H-3 (0-1')	Solid	09/04/25 00:00	09/09/25 15:00	New Mexico
880-62427-4	H-4 (0-1')	Solid	09/04/25 00:00	09/09/25 15:00	New Mexico
880-62427-5	H-5 (0-1')	Solid	09/04/25 00:00	09/09/25 15:00	New Mexico

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Custody	Page1 of1	Work Order Comments	ownfields RRC Duperfund		ST/UST RRP Level IV	ADaPT ☐ Other.	Preservative Codes	None: NO DI Water: H ₂ O	-	HCL: HC HNO3: HN	•	NaHSO4: NABIS	Na ₂ S ₂ O ₃ : NaSO ₃	Zn Acetate+NaOH: Zn	NaOH+Ascorbic Acid: SAPC	Sample Comments									Date/Time	midz (Km)		
860-62427 Chain of Custody		Work Orde	Program: UST/PST PRP Brownfields RRC	State of Project:	Reporting:Level II Level III PST/UST	Deliverables: EDD	QUEST																		Received by: (Signature)	J. S.		
							ANALYSIS REQUEST																	naresources.com	Re			
Chain of Custody		Carmona Resources				sources.com			((- MRC	ово	1 + O	สอ)	MSFC)8 H	IqT	×××	×	×××	× × ×	× × ×			iner Moehring / Cmoehring@carmonaresources.com	Date/Time			
hain o		0	.e.			carmonares		Pres. Code	F	s	neter	mene	ed .	T		b/ # of tp Cont	1	1	1	1	-			sehring / Ci				
O		Bill to: (if different)	Company Name:	Address:	City, State ZIP:	Email: mcarmona@carmonaresources.com	Turn Around	✓ Rush	72 Hour TAT		(Yes) No	79.6	× .	70	12.0	Water Comp	9	9	9	9	9			d Conner Mc				
						Email:	Turn /	☐ Routine	Due Date:		Wet Ice:			ing:	ature.	Soil	×	×	×	×	×			ources,com an				
							Fire (08.24.25)		lexico		Yes Mb	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Lemperature.	Time								a@carmonares	y: (Signature)			
		ing	ources	t Ste 500	9701		Red Bull 35 Federal 1H Flare Fire (08.24.25)	2846	Lea County, New Mexico	M	Famp Blank:		A A	Yes No N/A		Date	9/4/2025	9/4/2025	9/4/2025	9/4/2025	9/4/2025			nona / Mcarmon	Relinquished by: (Signature)			
		Conner Moehring	Carmona Resources	310 W Wall St Ste 500	Midland, TX 79701	432-813-6823	Red Bull 35 F		Les		_					ntification	-1)	-1)	-1)	-1)	-1.)			I to Mike Carr		1	1	
		Project Manager:	Company Name:	Address:	City, State ZIP:	Phone:	Project Name:	Project Number:	Project Location	Sampler's Name:	SAMPLE RECEIPT	Received Intact:	Cooler Custody Seals:	Sample Custody Seals:	lotal Containers:	Sample Identification	H-1 (0-1')	H-2 (0-1')	H-3 (0-1')	H-4 (0-1')	H-5 (0-1')			Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Con				

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9/10/2025

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-62427-1

SDG Number: Lea County, New Mexico

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List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Login Number: 62427

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	
ls 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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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/11/2025 3:19:06 PM

JOB DESCRIPTION

Red Bull 35 Federal 1H Flare Fire (08.24.25) Lea County, New Mexico

JOB NUMBER

880-62428-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

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Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 2

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Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) Laboratory Job ID: 880-62428-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Job ID: 880-62428-1 Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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 Colony Forming Unit CFU **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 MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

Toxicity Equivalent Factor (Dioxin) TFF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources Job ID: 880-62428-1

Project: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1 Eurofins Midland

Job Narrative 880-62428-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/9/2025 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.2°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

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

Eurofins Midland

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Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Lab Sample ID: 880-62428-1

Matrix: Solid

Job ID: 880-62428-1

Client Sample II	D: S-1	(0-3")
D-4- 0-1141-00	10 4 10 5 6	0.00

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 16:33	1
Toluene	< 0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 16:33	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 16:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/10/25 08:50	09/10/25 16:33	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 16:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/25 08:50	09/10/25 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/10/25 08:50	09/10/25 16:33	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/10/25 08:50	09/10/25 16:33	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
			/						
	Result 116	Qualifier	RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 09/10/25 13:52	
	116 sel Range Orga	inics (DRO)	RL 50.0		mg/Kg		<u> </u>	09/10/25 13:52	1
Total TPH Method: SW846 8015B NM - Die Analyte	116 sel Range Orga Result	nics (DRO) Qualifier	RL 50.0		mg/Kg	<u>D</u>	Prepared	09/10/25 13:52 Analyzed	1 Dil Fac
Total TPH Method: SW846 8015B NM - Die	116 sel Range Orga	nics (DRO) Qualifier	RL 50.0		mg/Kg		<u> </u>	09/10/25 13:52	1 Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	116 sel Range Orga Result	nics (DRO) Qualifier	RL 50.0		mg/Kg		Prepared	09/10/25 13:52 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	sel Range Orga Result <50.0	unics (DRO) Qualifier U	RL 50.0		mg/Kg Unit mg/Kg		Prepared 09/10/25 08:04	09/10/25 13:52 Analyzed 09/10/25 13:52	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <50.0	Qualifier U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 09/10/25 08:04 09/10/25 08:04	09/10/25 13:52 Analyzed 09/10/25 13:52 09/10/25 13:52	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	116 sel Range Orga Result <50.0 116 <50.0	Qualifier U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 09/10/25 08:04 09/10/25 08:04 09/10/25 08:04	09/10/25 13:52 Analyzed 09/10/25 13:52 09/10/25 13:52 09/10/25 13:52	Dil Face 1 1 1 Dil Face
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	116 Sel Range Orga Result <50.0 116 <50.0 %Recovery	Qualifier U	RL 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 09/10/25 08:04 09/10/25 08:04 09/10/25 08:04 Prepared	09/10/25 13:52 Analyzed 09/10/25 13:52 09/10/25 13:52 09/10/25 13:52 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	116 Sel Range Orga Result	Qualifier U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 09/10/25 08:04 09/10/25 08:04 09/10/25 08:04 Prepared 09/10/25 08:04	09/10/25 13:52 Analyzed 09/10/25 13:52 09/10/25 13:52 09/10/25 13:52 Analyzed 09/10/25 13:52	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	116 sel Range Orga Result	Qualifier U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 09/10/25 08:04 09/10/25 08:04 09/10/25 08:04 Prepared 09/10/25 08:04	09/10/25 13:52 Analyzed 09/10/25 13:52 09/10/25 13:52 09/10/25 13:52 Analyzed 09/10/25 13:52	Dil Fac

Client Sample ID: S-1 (6") Lab Sample ID: 880-62428-2 Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 16:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 16:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 16:53	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		09/10/25 08:50	09/10/25 16:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 16:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/10/25 08:50	09/10/25 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/10/25 08:50	09/10/25 16:53	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/10/25 08:50	09/10/25 16:53	1

Eurofins Midland

Matrix: Solid

Released to Imaging: 12/1/2025 11:05:08 AM

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1

SDG: Lea County, New Mexico

09/10/25 15:00

Client Sample ID: S-1 (6")

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62428-2

Matrix: Solid

<0.00397	П							
	O	0.00397		mg/Kg			09/10/25 16:53	1
ange Organ	ics (DRO) (GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg			09/10/25 14:06	1
Range Orga	nics (DRO)	(GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.9	U	49.9		mg/Kg		09/10/25 08:04	09/10/25 14:06	1
<49.9	U	49.9		mg/Kg		09/10/25 08:04	09/10/25 14:06	1
<49.9	U	49.9		mg/Kg		09/10/25 08:04	09/10/25 14:06	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
93	·	70 - 130				09/10/25 08:04	09/10/25 14:06	1
95		70 - 130				09/10/25 08:04	09/10/25 14:06	1
	Result <49.9	Result Qualifier	<49.9 U 49.9 Range Organics (DRO) (GC) Result Qualifier RL <49.9 U	Result Qualifier RL MDL <49.9	Result Qualifier RL MDL Unit <49.9	Result Qualifier RL MDL mg/Kg Unit mg/Kg D mg/Kg Range Organics (DRO) (GC) Result Qualifier RL mg/Kg MDL mg/Kg D mg/Kg <49.9 U	Result Qualifier RL MDL mg/Kg Unit mg/Kg D mg/Kg Range Organics (DRO) (GC) Result Qualifier RL MDL Unit mg/Kg D mg/Kg Prepared 09/10/25 08:04 <49.9 U	Result 49.9 Qualifier Qualifier RL Qualifier MDL QUINT MICHAEL D Prepared Malyzed D9/10/25 14:06 Range Organics (DRO) (GC) Result Qualifier RL Qualifier MDL QUINT MICHAEL D Prepared MICHAEL Analyzed D9/10/25 08:04 O9/10/25 14:06 < 49.9

Client Sample ID: S-1 (1') Lab Sample ID: 880-62428-3 **Matrix: Solid**

9.98

mg/Kg

539

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 17:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 17:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 17:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 17:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 17:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/10/25 08:50	09/10/25 17:14	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	104 - Total BTEX Cald	culation	70 - 130				09/10/25 08:50	09/10/25 17:14	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	09/10/25 08:50 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX	- Total BTEX Calc Result <0.00402 sel Range Organ	Qualifier U	RL 0.00402		mg/Kg	<u>D</u>			1
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00402 sel Range Organ	Qualifier U	RL 0.00402			<u>D</u>		Analyzed 09/10/25 17:14 Analyzed	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 sel Range Organ	Qualifier U	RL 0.00402		mg/Kg		Prepared	Analyzed 09/10/25 17:14	1 Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <	Qualifier U ics (DRO) (Qualifier	RL 0.00402 GC) RL 50.0		mg/Kg		Prepared	Analyzed 09/10/25 17:14 Analyzed	1 Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die	- Total BTEX Calc Result <0.00402 sel Range Organ Result 66.8 sesel Range Orga	Qualifier U ics (DRO) (Qualifier	RL 0.00402 GC) RL 50.0	MDL	mg/Kg		Prepared	Analyzed 09/10/25 17:14 Analyzed	Dil Fac Dil Fac Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00402 sel Range Organ Result 66.8 sesel Range Orga	Qualifier U ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00402 GC) RL 50.0 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 09/10/25 17:14 Analyzed 09/10/25 14:19	Dil Fac

Job ID: 880-62428-1

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

Client Sample ID: S-1 (1')

Lab Sample ID: 880-62428-3

Date Collected: 09/04/25 00:00 Matrix: Solid Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				09/10/25 08:04	09/10/25 14:19	1
o-Terphenyl (Surr)	100		70 - 130				09/10/25 08:04	09/10/25 14:19	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	585		10.1		mg/Kg			09/10/25 15:06	1

Client Sample ID: S-1 (1.5') Lab Sample ID: 880-62428-4

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 17:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 17:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 17:34	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		09/10/25 08:50	09/10/25 17:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/10/25 08:50	09/10/25 17:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/10/25 08:50	09/10/25 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/10/25 08:50	09/10/25 17:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/10/25 08:50	09/10/25 17:34	1

Method: IAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00404	U	0.00404		mg/Kg			09/10/25 17:34	1
										

Method: SW846 8015 NM - Diesei Ra	nge Organ	ics (DRO) (GC	ō)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/10/25 14:33	1
Method: SW846 8015B NM - Diesel R	ange Orga	nics (DRO) (C	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
0 " 0 '	110.0	11	40.0				00/40/05 00:04	00/40/05 44:00	

1 011					00//0/05 00 0/	00//0/05 // 00	
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg	09/10/25 08:04	09/10/25 14:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg	09/10/25 08:04	09/10/25 14:33	1
(GRO)-C6-C10				0 0			
Gasoline Range Organics	<49.8	U	49.8	mg/Kg	09/10/25 08:04	09/10/25 14:33	1

Surrogate	7₀Kecovery	Qualifier	LIIIIII		rrepareu	Anaryzeu	DII Fac
1-Chlorooctane (Surr)	93		70 - 130	0	09/10/25 08:04	09/10/25 14:33	1
o-Terphenyl (Surr)	97		70 - 130	0	09/10/25 08:04	09/10/25 14:33	1
-							

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	654	10.1	mg/Kg			09/10/25 15:24	1

Eurofins Midland

Matrix: Solid

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Lab Sample ID: 880-62428-5

Matrix: Solid

Job ID: 880-62428-1

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

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 17:54	
Toluene	< 0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 17:54	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 17:54	
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/10/25 08:50	09/10/25 17:54	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		09/10/25 08:50	09/10/25 17:54	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/10/25 08:50	09/10/25 17:54	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	92		70 - 130				09/10/25 08:50	09/10/25 17:54	
1,4-Difluorobenzene (Surr)	101		70 - 130				09/10/25 08:50	09/10/25 17:54	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/10/25 17:54	
Method: SW846 8015 NM - Diese Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8		mg/Kg			09/10/25 15:02	
Method: SW846 8015B NM - Die:	sel Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	
Gasoline Range Organics	<49.8						<u>.</u>	,u.,u	Dil Fa
Caccinic range organice			49.8		ma/Ka		09/10/25 08:04	09/10/25 15:02	Dil Fa
	149.0	U	49.8		mg/Kg		09/10/25 08:04	09/10/25 15:02	
(GRO)-C6-C10	<49.8		49.8 49.8		mg/Kg mg/Kg		09/10/25 08:04 09/10/25 08:04	09/10/25 15:02 09/10/25 15:02	
(GRO)-C6-C10 Diesel Range Organics (Over									
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)		U							
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/10/25 08:04	09/10/25 15:02	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.8 <49.8	U	49.8		mg/Kg		09/10/25 08:04 09/10/25 08:04	09/10/25 15:02 09/10/25 15:02	
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	<49.8 <49.8 <i>%Recovery</i>	U	49.8 49.8 <i>Limits</i>		mg/Kg		09/10/25 08:04 09/10/25 08:04 Prepared	09/10/25 15:02 09/10/25 15:02 Analyzed	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	<49.8 <49.8 %Recovery 104 105	U U Qualifier	49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg		09/10/25 08:04 09/10/25 08:04 Prepared 09/10/25 08:04	09/10/25 15:02 09/10/25 15:02 Analyzed 09/10/25 15:02	Dil Fa
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane (Surr)	<49.8 <49.8 **Recovery 104 105 Chromatograp	U U Qualifier	49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg	D	09/10/25 08:04 09/10/25 08:04 Prepared 09/10/25 08:04	09/10/25 15:02 09/10/25 15:02 Analyzed 09/10/25 15:02	Dil Fa

Client Sample ID: S-2 (6")

Date Collected: 09/04/25 00:00

Matrix: Solid

Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 18:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 18:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 18:15	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		09/10/25 08:50	09/10/25 18:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/10/25 08:50	09/10/25 18:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/10/25 08:50	09/10/25 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/10/25 08:50	09/10/25 18:15	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/10/25 08:50	09/10/25 18:15	1

Eurofins Midland

2

3

5

7

9

11

13

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

09/10/25 15:35

Client Sample ID: S-2 (6")

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62428-6

Matrix: Solid

Job ID: 880-62428-1

<0.00396								
	U	0.00396		mg/Kg			09/10/25 18:15	1
ange Organ	ics (DRO) (GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.0	U	50.0		mg/Kg			09/10/25 15:17	1
Range Orga	nics (DRO)	(GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 15:17	1
<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 15:17	•
<50.0	U	50.0		mg/Kg		09/10/25 08:04	09/10/25 15:17	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
98		70 - 130				09/10/25 08:04	09/10/25 15:17	
100		70 - 130				09/10/25 08:04	09/10/25 15:17	1
	Result <50.0 Range Orga Result <50.0 <50.0 <50.0 <50.0 %Recovery 98	Result Qualifier	Solution Solution	Result Qualifier RL MDL <50.0	Result Qualifier RL MDL Unit <50.0	Result Qualifier RL MDL Unit mg/Kg D Range Organics (DRO) (GC) Result Qualifier RL MDL Unit mg/Kg D mg/Kg <50.0	Result Qualifier RL MDL mg/Kg Unit mg/Kg D Prepared Range Organics (DRO) (GC) Result construction Qualifier RL MDL Unit mg/Kg D Prepared <50.0	Result Qualifier RL MDL Unit D Prepared Analyzed <50.0

Client Sample ID: S-2 (1') Lab Sample ID: 880-62428-7 **Matrix: Solid**

9.92

mg/Kg

530

Date Collected: 09/04/25 00:00

Chloride

Date Received: 09/09/25 15:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 18:35	
Toluene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 18:35	•
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 18:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 18:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/10/25 08:50	09/10/25 18:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/10/25 08:50	09/10/25 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/10/25 08:50	09/10/25 18:35	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	- Total BTEX Cald	culation	70 - 130				09/10/25 08:50	09/10/25 18:35	
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit	<u>D</u>	09/10/25 08:50 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX	- Total BTEX Calc Result <0.00402	Qualifier U	RL 0.00402	MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00402 seel Range Organ	Qualifier U	RL 0.00402			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 seel Range Organ	Qualifier U	RL 0.00402		mg/Kg		Prepared	Analyzed 09/10/25 18:35	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00402 seel Range Organ Result 77.1	Qualifier U ics (DRO) (Qualifier	RL 0.00402 GC) RL 50.0		mg/Kg		Prepared	Analyzed 09/10/25 18:35	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00402 esel Range Organ Result 77.1 iesel Range Orga	Qualifier U ics (DRO) (Qualifier	RL 0.00402 GC) RL 50.0	MDL	mg/Kg		Prepared	Analyzed 09/10/25 18:35	
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ Result 77.1 iesel Range Orga	Qualifier U ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00402 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 09/10/25 18:35 Analyzed 09/10/25 15:31	Dil Fac

Client: Carmona Resources Job ID: 880-62428-1

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

Client Sample ID: S-2 (1')

Lab Sample ID: 880-62428-7 Date Collected: 09/04/25 00:00 Matrix: Solid

Date Received: 09/09/25 15:00

Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC) (Continu	ıed)					
Analyte	Result	Qualifier	RL	MDL (Jnit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	r	mg/Kg		09/10/25 08:04	09/10/25 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				09/10/25 08:04	09/10/25 15:31	1
o-Terphenyl (Surr)	103		70 - 130				09/10/25 08:04	09/10/25 15:31	1

Method: EPA 300.0 - Anions, Ion C	Chromatography							
Analyte	Result Q	tualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	597	10.0		mg/Kg			09/10/25 15:41	1

Surrogate Summary

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1 SDG: Lea 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)	
880-62426-A-1-E MS	Matrix Spike	94	102	
880-62426-A-1-F MSD	Matrix Spike Duplicate	82	121	
880-62428-1	S-1 (0-3")	90	106	
880-62428-2	S-1 (6")	96	103	
880-62428-3	S-1 (1')	92	104	
880-62428-4	S-1 (1.5')	95	104	
880-62428-5	S-2 (0-3")	92	101	
880-62428-6	S-2 (6")	97	103	
880-62428-7	S-2 (1')	96	103	
LCS 880-118594/1-A	Lab Control Sample	96	93	
LCSD 880-118594/2-A	Lab Control Sample Dup	97	90	
MB 880-118594/5-A	Method Blank	84	113	
Surrogate Legend				
BFB = 4-Bromofluorober	nzene (Surr)			
DFBZ = 1,4-Difluorobenz	` '			

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Li
		1CO1	OTPH1	
b Sample ID	Client Sample ID	(70-130)	(70-130)	
0-62426-A-1-C MS	Matrix Spike	110	104	
0-62426-A-1-D MSD	Matrix Spike Duplicate	110	104	
0-62428-1	S-1 (0-3")	99	105	
-62428-2	S-1 (6")	93	95	
)-62428-3	S-1 (1')	96	100	
)-62428-4	S-1 (1.5')	93	97	
-62428-5	S-2 (0-3")	104	105	
-62428-6	S-2 (6")	98	100	
-62428-7	S-2 (1')	99	103	
S 880-118585/2-A	Lab Control Sample	109	105	
SD 880-118585/3-A	Lab Control Sample Dup	107	103	
3 880-118585/1-A	Method Blank	108	110	

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources Job ID: 880-62428-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-118594/5-A

Matrix: Solid

Analysis Batch: 118589

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 118594

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/10/25 08:50	09/10/25 11:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/10/25 08:50	09/10/25 11:32	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/10/25 08:50	09/10/25 11:32	1
1.4-Difluorobenzene (Surr)	113		70 - 130	09/10/25 08:50	09/10/25 11:32	1

Lab Sample ID: LCS 880-118594/1-A

Matrix: Solid

Analysis Batch: 118589

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 118594**

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.08835 mg/Kg 88 70 - 130 Toluene 0.100 0.1015 mg/Kg 102 70 - 130 0.100 103 Ethylbenzene 0.1029 mg/Kg 70 - 130 0.200 0.1910 96 70 - 130 m,p-Xylenes mg/Kg 0.100 0.09535 70 - 130 o-Xylene mg/Kg 95

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	96	70 - 130
1,4-Difluorobenzene (Surr)	93	70 - 130

Lab Sample ID: LCSD 880-118594/2-A

Matrix: Solid

Analysis Batch: 118589

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 118594

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09065		mg/Kg		91	70 - 130	3	35	
Toluene	0.100	0.1038		mg/Kg		104	70 - 130	2	35	
Ethylbenzene	0.100	0.1047		mg/Kg		105	70 - 130	2	35	
m,p-Xylenes	0.200	0.1982		mg/Kg		99	70 - 130	4	35	
o-Xylene	0.100	0.09863		mg/Kg		99	70 - 130	3	35	

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1.4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-62426-A-1-E MS

Matrix: Solid

Analysis Batch: 118589

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

Prep Batch: 118594

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.07672		mg/Kg		77	70 - 130	
Toluene	<0.00200	U	0.100	0.08570		mg/Kg		86	70 - 130	

Eurofins Midland

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QC Sample Results

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-62426-A-1-E MS

Matrix: Solid

Analysis Batch: 118589

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 118594

Sample	Sample	Spike	MS	MS				%Rec	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
<0.00200	U	0.100	0.08128		mg/Kg		81	70 - 130	
<0.00399	U	0.200	0.1586		mg/Kg		79	70 - 130	
<0.00200	U	0.100	0.07884		mg/Kg		79	70 - 130	
	Result <0.00200 <0.00399	Result Qualifier <0.00200 U <0.00399 U	Result Qualifier Added <0.00200	Result Qualifier Added Result <0.00200	Result Qualifier Added Result Qualifier Qualifier <0.00200	Result Qualifier Added Added Result Qualifier Unit Unit Unit Unit Unit Unit Unit Unit	Result Qualifier Added Result Qualifier Unit Unit Unit Major D <0.00200	Result Qualifier Added Result Qualifier Unit Unit Unit Unit Unit Unit Unit Unit	Result Qualifier Added Added Result Qualifier Unit Unit Unit D %Rec Limits <0.00200 U

MS MS

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

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 118594

Analysis Batch: 118589

Matrix: Solid

Lab Sample ID: 880-62426-A-1-F MSD

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1077		mg/Kg		108	70 - 130	34	35
Toluene	<0.00200	U	0.100	0.08912		mg/Kg		89	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.07846		mg/Kg		78	70 - 130	4	35
m,p-Xylenes	<0.00399	U	0.200	0.1569		mg/Kg		78	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.07625		mg/Kg		76	70 - 130	3	35

MSD MSD

MB MB Result Qualifier

MB MB

110

<50.0 U

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

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

Lab Sample ID: MB 880-118585/1-A

Matrix: Solid

Analyte

Analysis Batch: 118622

Gasoline Range Organics

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

Prep Batch: 118585

Dil Fac

09/10/25 08:04 09/10/25 08:06

Analyzed

(GRO)-C6-C10 09/10/25 08:04 09/10/25 08:06 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <50.0 U 50.0 09/10/25 08:04 09/10/25 08:06 mg/Kg

70 - 130

RL

50.0

MDL Unit

mg/Kg

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

Prepared Dil Fac Analyzed 09/10/25 08:04 09/10/25 08:06 09/10/25 08:04 09/10/25 08:06

Prepared

Lab Sample ID: LCS 880-118585/2-A

Matrix: Solid

o-Terphenyl (Surr)

Analysis Batch: 118622

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

Prep Batch: 118585

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits 1000 96 70 - 130 Gasoline Range Organics 956 1 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 935.4 mg/Kg 94 70 - 130 C10-C28)

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1

SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-118585/2-A

Matrix: Solid

Analysis Batch: 118622

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 118585

LCS LCS

Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 109 70 - 130 o-Terphenyl (Surr) 105 70 - 130

Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-118585/3-A **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 118622 Prep Batch: 118585

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 944.4 94 70 - 13020 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 928.1 93 mg/Kg 70 - 13020 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 880-62426-A-1-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 118622

Prep Type: Total/NA

Prep Batch: 118585

Sample Sample MS MS Spike Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <50.0 U 999 957.3 mg/Kg 96 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 999 869.1 mg/Kg 87 70 - 130 C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane (Surr) 110 70 - 130 o-Terphenyl (Surr) 104

Lab Sample ID: 880-62426-A-1-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 118622

Prep Type: Total/NA

Prep Batch: 118585

Sample Sample MSD MSD RPD Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit U 999 950.8 95 Gasoline Range Organics <50.0 mg/Kg 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 999 863.4 mg/Kg 86 70 - 130 20 C10-C28)

MSD MSD

Qualifier Surrogate %Recovery Limits 1-Chlorooctane (Surr) 110 70 - 130 o-Terphenyl (Surr) 104 70 - 130

QC Sample Results

Client: Carmona Resources

Job ID: 880-62428-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Client Sample ID: Method Blank

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

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-118584/1-A

Matrix: Solid

Analysis Batch: 118600

Prep Type: Soluble

MDL Unit Dil Fac Analyte Result Qualifier RL D Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 09/10/25 11:31

Lab Sample ID: LCS 880-118584/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 118600

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

мв мв

Chloride 250 265.8 mg/Kg 106 90 - 110

Lab Sample ID: LCSD 880-118584/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 118600

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 260.9 90 - 110 mg/Kg 104

Lab Sample ID: 880-62428-1 MS Client Sample ID: S-1 (0-3") **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 118600

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 325 249 573.8 100 90 - 110 mg/Kg

Lab Sample ID: 880-62428-1 MSD

Matrix: Solid

Analysis Batch: 118600

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 249 325 572.1 mg/Kg 99 90 - 110 20

Client: Carmona Resources

Job ID: 880-62428-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 118589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Total/NA	Solid	8021B	118594
880-62428-2	S-1 (6")	Total/NA	Solid	8021B	118594
880-62428-3	S-1 (1')	Total/NA	Solid	8021B	118594
880-62428-4	S-1 (1.5')	Total/NA	Solid	8021B	118594
880-62428-5	S-2 (0-3")	Total/NA	Solid	8021B	118594
880-62428-6	S-2 (6")	Total/NA	Solid	8021B	118594
880-62428-7	S-2 (1')	Total/NA	Solid	8021B	118594
MB 880-118594/5-A	Method Blank	Total/NA	Solid	8021B	118594
LCS 880-118594/1-A	Lab Control Sample	Total/NA	Solid	8021B	118594
LCSD 880-118594/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	118594
880-62426-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	118594
880-62426-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	118594

Prep Batch: 118594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Total/NA	Solid	5035	
880-62428-2	S-1 (6")	Total/NA	Solid	5035	
880-62428-3	S-1 (1')	Total/NA	Solid	5035	
880-62428-4	S-1 (1.5')	Total/NA	Solid	5035	
880-62428-5	S-2 (0-3")	Total/NA	Solid	5035	
880-62428-6	S-2 (6")	Total/NA	Solid	5035	
880-62428-7	S-2 (1')	Total/NA	Solid	5035	
MB 880-118594/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-118594/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-118594/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-62426-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-62426-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 118669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-62428-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-62428-3	S-1 (1')	Total/NA	Solid	Total BTEX	
880-62428-4	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-62428-5	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-62428-6	S-2 (6")	Total/NA	Solid	Total BTEX	
880-62428-7	S-2 (1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 118585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-62428-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-62428-3	S-1 (1')	Total/NA	Solid	8015NM Prep	
880-62428-4	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-62428-5	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-62428-6	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-62428-7	S-2 (1')	Total/NA	Solid	8015NM Prep	
MB 880-118585/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-118585/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 118585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-118585/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-62426-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-62426-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 118622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Total/NA	Solid	8015B NM	118585
880-62428-2	S-1 (6")	Total/NA	Solid	8015B NM	118585
880-62428-3	S-1 (1')	Total/NA	Solid	8015B NM	118585
880-62428-4	S-1 (1.5')	Total/NA	Solid	8015B NM	118585
880-62428-5	S-2 (0-3")	Total/NA	Solid	8015B NM	118585
880-62428-6	S-2 (6")	Total/NA	Solid	8015B NM	118585
880-62428-7	S-2 (1')	Total/NA	Solid	8015B NM	118585
MB 880-118585/1-A	Method Blank	Total/NA	Solid	8015B NM	118585
LCS 880-118585/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	118585
LCSD 880-118585/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	118585
880-62426-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	118585
880-62426-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	118585

Analysis Batch: 118653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-62428-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-62428-3	S-1 (1')	Total/NA	Solid	8015 NM	
880-62428-4	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-62428-5	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-62428-6	S-2 (6")	Total/NA	Solid	8015 NM	
880-62428-7	S-2 (1')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 118584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-62428-2	S-1 (6")	Soluble	Solid	DI Leach	
880-62428-3	S-1 (1')	Soluble	Solid	DI Leach	
880-62428-4	S-1 (1.5')	Soluble	Solid	DI Leach	
880-62428-5	S-2 (0-3")	Soluble	Solid	DI Leach	
880-62428-6	S-2 (6")	Soluble	Solid	DI Leach	
880-62428-7	S-2 (1')	Soluble	Solid	DI Leach	
MB 880-118584/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-118584/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-118584/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-62428-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-62428-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	

Analysis Batch: 118600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-1	S-1 (0-3")	Soluble	Solid	300.0	118584
880-62428-2	S-1 (6")	Soluble	Solid	300.0	118584
880-62428-3	S-1 (1')	Soluble	Solid	300.0	118584

Eurofins Midland

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Client: Carmona Resources Job ID: 880-62428-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 118600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62428-4	S-1 (1.5')	Soluble	Solid	300.0	118584
880-62428-5	S-2 (0-3")	Soluble	Solid	300.0	118584
880-62428-6	S-2 (6")	Soluble	Solid	300.0	118584
880-62428-7	S-2 (1')	Soluble	Solid	300.0	118584
MB 880-118584/1-A	Method Blank	Soluble	Solid	300.0	118584
LCS 880-118584/2-A	Lab Control Sample	Soluble	Solid	300.0	118584
LCSD 880-118584/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	118584
880-62428-1 MS	S-1 (0-3")	Soluble	Solid	300.0	118584
880-62428-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	118584

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

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

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62428-1

Matrix: Solid

Job ID: 880-62428-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118669	09/10/25 16:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			118653	09/10/25 13:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 13:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 13:10	CS	EET MID

Client Sample ID: S-1 (6")

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Lab Sample ID: 880-62428-2

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.04 g 5 mL 118594 09/10/25 08:50 AA EET MID Total/NA 8021B 09/10/25 16:53 **EET MID** Analysis 1 5 mL 5 mL 118589 MNR Total/NA Total BTEX 118669 09/10/25 16:53 Analysis SA **EET MID** 1 Total/NA Analysis 8015 NM 118653 09/10/25 14:06 SA **EET MID** Total/NA 118585 09/10/25 08:04 Prep 8015NM Prep 10.03 g 10 mL FΙ **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 118622 09/10/25 14:06 TKC **EET MID** Soluble 09/10/25 07:56 Leach DI Leach 5.01 g 50 mL 118584 SA **EET MID** Soluble Analysis 300.0 10 mL 10 mL 118600 09/10/25 15:00 CS **EET MID**

Client Sample ID: S-1 (1')

Date Collected: 09/04/25 00:00

Date Received: 09/09/25 15:00

Lab Sample ID: 880-62428-3

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118669	09/10/25 17:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			118653	09/10/25 14:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 14:19	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 15:06	CS	EET MID

Client Sample ID: S-1 (1.5')

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

Lab Sample ID: 880-62428-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118669	09/10/25 17:34	SA	EET MID

Eurofins Midland

Matrix: Solid

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00 Lab Sample ID: 880-62428-4

Matrix: Solid

Job ID: 880-62428-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			118653	09/10/25 14:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 14:33	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 15:24	CS	EET MID

Client Sample ID: S-2 (0-3") Lab Sample ID: 880-62428-5 Date Collected: 09/04/25 00:00 **Matrix: Solid**

Date Received: 09/09/25 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118669	09/10/25 17:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			118653	09/10/25 15:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 15:02	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 15:30	CS	EET MID

Client Sample ID: S-2 (6") Lab Sample ID: 880-62428-6 Date Collected: 09/04/25 00:00 **Matrix: Solid**

Date Received: 09/09/25 15:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118669	09/10/25 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			118653	09/10/25 15:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 15:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	118584	09/10/25 07:56	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	118600	09/10/25 15:35	CS	EET MID

Lab Sample ID: 880-62428-7 Client Sample ID: S-2 (1')

Date Collected: 09/04/25 00:00 Date Received: 09/09/25 15:00

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	118594	09/10/25 08:50	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	118589	09/10/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			118669	09/10/25 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			118653	09/10/25 15:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	118585	09/10/25 08:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118622	09/10/25 15:31	TKC	EET MID

Eurofins Midland

Matrix: Solid

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Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

Client Sample ID: S-2 (1') Lab Sample ID: 880-62428-7 Date Collected: 09/04/25 00:00

Matrix: Solid

Job ID: 880-62428-1

Batch Batch Dil Initial Final Batch Prepared Method Prep Type Туре Run Factor Amount Amount Number or Analyzed Analyst Lab Soluble DI Leach 118584 EET MID Leach 5.00 g 50 mL 09/10/25 07:56 SA 300.0 10 mL EET MID Soluble Analysis 10 mL 118600 09/10/25 15:41 CS

Laboratory References:

Date Received: 09/09/25 15:00

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

Accreditation/Certification Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

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

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Method Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-62428-1 SDG: Lea County, New Mexico

Lab Sample ID Client Sample ID Matrix Collected Received Sample Origin 880-62428-1 S-1 (0-3") Solid 09/04/25 00:00 09/09/25 15:00 New Mexico Solid 880-62428-2 S-1 (6") 09/04/25 00:00 09/09/25 15:00 New Mexico 880-62428-3 S-1 (1') Solid 09/04/25 00:00 09/09/25 15:00 New Mexico Solid 09/09/25 15:00 880-62428-4 S-1 (1.5') 09/04/25 00:00 New Mexico 880-62428-5 S-2 (0-3") Solid 09/04/25 00:00 09/09/25 15:00 New Mexico 880-62428-6 S-2 (6") Solid 09/04/25 00:00 09/09/25 15:00 New Mexico 880-62428-7 S-2 (1') Solid 09/04/25 00:00 09/09/25 15:00 New Mexico

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Company Name: Carmona Resolutes Carmona	Program: UST/PST PRP Brownfields RRC Liperfund State of Project: Reporting:Level III Level III DST/UST RRP Level IV Deliverables: EDD ADaPT Other:	ces.com	nonaresour	sany Name: sss: State ZIP: mona@carr	Comp Addre City, \$		Resources all St Ste 500	ioi
State 2 P- Midland, TX 79701 Email mcarmona@carmonaresources.com Address. Midland, TX 79701 Email mcarmona@carmonaresources.com Amal x 58 e	ect: rel III ☐ Level III ☐ ST/UST ☐ RRP EDD ☐ ADaPT ☐ Other:	ces.com	nonaresour	State ZIP:	Addre City, &		all St Ste 500	
Midiand, TX 79701 Face Integrated Reading: Midiand, TX 79701 Face Integrated Reading: Pace	rel II ☐ Level III ☐ ST/UST ☐ RRP EDD ☐ ADaPT ☐ Other:	ces.com	nonaresour	State ZIP:	City, 8			
Name: Red Bull 35 Federal II H Flare Fire (08.24.25) Turn Around a Carbon Make (0.24.25) Turn Around a Carbon Make (EDD	ces.com	nonaresourc	mona@carm	Email: mear		X 79701	
Red Bull 35 Federal 1H Flare Fire (08.24.25) Turn Around Code					The state of the s		823	
Control of the cont	ANALYSIS REQUEST Preservative Codes			pu	Tum Aroun	Fire (08.24.25)	35 Federal 1H Flare	
Sampler's Name: Lea County, New Mexico Due Date: 72 Hour TAT Project Location Lea County, New Mexico Due Date: 72 Hour TAT Po #: SAMPLE RECEIPT Lean Blank: Yes No WA Thermometer ID: Cooler Custody Seals: Yes No WA Temperature Reading: -2 1	None: NO DI Water: H ₂ O		Pres. Code	Rush		Ш	2846	L.
Sampler's Name: JM Wet Ice: Yes No MA Thermometer ID: PD # PD # Feelowed Intact: Yes No MA Thermometer ID: Correction Factor: PB Blank: Yes No MA Thermometer ID: Correction Factor: Corrected Temperature: Conf. Ex. Corrected Temperature:	Cool: Cool MeOH: Me	(Hour TAT			Lea County, New Me	
SAMPLE RECEIPT Temp Blank: Yes No WA Correction Factor: Yes No WA Correction Factor: Avet Ice: Yes No WA Correction Factor: Avet Ice: Yes No WA Correction Factor: Corrected Temperature: Corr	HCL: HC HNO3: HN	юы					MC	
Sample Identification Date Time Soil Wet Ice: Ves No Wet Ice: Ves No No Thermometer ID: Accided with Ice; Ves No No Thermometer ID: Accided with Ice; Ves No No Thermometer ID: Accided with Ice; A	H ₂ SO ₄ : H ₂ NaOH: Na	N + (8.1			9		PO #:
Cooler Custody Seals: Yes No V/A Temperature Reading:	Н₃РО4; НР	ова		3		(oN	Jemp Blank:	SAMPLE RECEIPT
Cooler Custody Seals: Yes No NA Correction Factor: Correction Factor: Corrected Temperature: Corrected T	NaHSO4: NABIS	+ 0		TX N	1	hermometer ID:	1	Received Intact:
Sample Custody Seals: Yes No. M/A Temperature Reading: -3 -1 m. B.	Na ₂ S ₂ O ₃ : NaSO ₃	89		-		orrection Factor:	MA	
Sample Identification Date Time Soil Water Comp Grab/ Cont # of April 2025 F. A.	Zn Acetate+NaOH: Zn	ew (B.	-2.1		emperature Reading:	MA	
Date Time Soil Water Comp Grab/ Cont # of Cont </td <td>NaOH+Ascorbic Acid: SAPC</td> <td>108</td> <td></td> <td>-2-2</td> <td></td> <td>orrected Temperature:</td> <td>Ö</td> <td>Total Containers:</td>	NaOH+Ascorbic Acid: SAPC	108		-2-2		orrected Temperature:	Ö	Total Containers:
S-1 (6-3") 9/4/2025 X G 1 X X S-1 (6") 9/4/2025 X G 1 X X S-1 (1.5) 9/4/2025 X G 1 X X S-2 (0-3") 9/4/2025 X G 1 X X S-2 (6") 9/4/2025 X G 1 X X S-2 (1") 9/4/2025 X G 1 X X	Sample Comments	HdI	# of Cont			Time	Date	Sample Identification
9/4/2025 X G 1 X X		×	۲ ×	ŋ	×		9/4/2025	S-1 (0-3")
9/4/2025 X G 1 X X		×	-	9	×		9/4/2025	S-1 (6")
9/4/2025 X G 1 X X		×		ပ	×		9/4/2025	S-1 (1')
9/4/2025 X G 1 X X 9/4/2025 X G 1 X X 9/4/2025 X G 1 X X		×		ტ	×		9/4/2025	S-1 (1.5')
9/4/2025 X G 1 X X X X X X X X X X X X X X X X X		×		ŋ	×		9/4/2025	S-2 (0-3")
9/4/2025 X G 1 X X		×		9	×		9/4/2025	S-2 (6")
		×		9	×		9/4/2025	S-2 (1')

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-62428-1

SDG Number: Lea County, New Mexico

SDG Number: Lea County, New Mexico

List Source: Eurofins Midland

Login Number: 62428 List Number: 1

Creator: Vasquez, Julisa
Question

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

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<6mm (1/4").

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/13/2025 12:09:21 PM

JOB DESCRIPTION

Red Bull 35 Federal 1H Flare Fire (08.24.25) Lea County, New Mexico

JOB NUMBER

880-63684-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 10/13/2025 12:09:21 PM

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

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) Laboratory Job ID: 880-63684-1 SDG: Lea County, New Mexico

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Definitions/Glossary

Job ID: 880-63684-1 Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description** *1 LCS/LCSD RPD exceeds control limits. F1 MS and/or MSD recovery exceeds control limits. S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

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

%R

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

CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

Percent Recovery

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

Decision Level Concentration (Radiochemistry) DLC

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

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

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**

Presumptive **PRES** QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

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

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

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources Job ID: 880-63684-1

Project: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1 Eurofins Midland

Job Narrative 880-63684-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 10/9/2025 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.9°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-120888 and analytical batch 880-120849 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-120898 and analytical batch 880-120849 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-120893 and analytical batch 880-120904 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-120893 and analytical batch 880-120904 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

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 880-120971 and analytical batch 880-120987 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources

Job ID: 880-63684-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2.5')

Date Collected: 10/08/25 00:00 Date Received: 10/09/25 17:00

Lab Sample ID: 880-63684-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/10/25 12:00	10/10/25 18:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/10/25 12:00	10/10/25 18:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/10/25 12:00	10/10/25 18:00	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/10/25 12:00	10/10/25 18:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/10/25 12:00	10/10/25 18:00	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/10/25 12:00	10/10/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/10/25 12:00	10/10/25 18:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/10/25 12:00	10/10/25 18:00	1

MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Total BTEX <0.00403 U 0.00403 mg/Kg 10/10/25 18:00

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Total TPH <49.8 U 10/10/25 13:38 49.8 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <49.8 U 49.8 10/10/25 07:57 10/10/25 13:38 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.8 U 49.8 10/10/25 07:57 10/10/25 13:38 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) <49.8 U 49.8 mg/Kg 10/10/25 07:57 10/10/25 13:38

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane (Surr) 88 70 - 130 10/10/25 07:57 10/10/25 13:38 107 70 - 130 10/10/25 07:57 10/10/25 13:38 o-Terphenyl (Surr)

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 122 9.96 10/10/25 21:16 mg/Kg

Client Sample ID: SW-1 (2.5') Lab Sample ID: 880-63684-2 Date Collected: 10/08/25 00:00 **Matrix: Solid**

Date Received: 10/09/25 17:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 18:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/10/25 12:00	10/10/25 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 18:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/10/25 12:00	10/10/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/10/25 12:00	10/10/25 18:20	1
1.4-Difluorobenzene (Surr)	103		70 - 130				10/10/25 12:00	10/10/25 18:20	1

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Dil Fac

Client Sample Results

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

10/10/25 13:52

10/10/25 13:52

10/10/25 07:57

10/10/25 07:57

Client Sample ID: SW-1 (2.5')

Date Collected: 10/08/25 00:00 Date Received: 10/09/25 17:00

Lab Sample ID: 880-63684-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/25 18:20	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/25 13:52	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
		• •	` '	MDI	Unit	n	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL _	MDL	Unit mg/Kg	<u>D</u>	Prepared 10/10/25 07:57	Analyzed	Dil Fac
		Qualifier	` '	MDL	Unit mg/Kg	<u>D</u>	Prepared 10/10/25 07:57	Analyzed 10/10/25 13:52	Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier U	RL _	MDL		<u>D</u>			Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10		Qualifier U	RL 50.0	MDL	mg/Kg	<u>D</u>	10/10/25 07:57	10/10/25 13:52	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		Qualifier U	RL 50.0	MDL	mg/Kg	<u>D</u>	10/10/25 07:57	10/10/25 13:52	Dil Fac 1 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit RL D Prepared Analyzed Dil Fac 10/10/25 21:22 Chloride 108 9.98 mg/Kg Lab Sample ID: 880-63684-3

70 - 130

70 - 130

88

107

Client Sample ID: SW-2 (2.5')

Released to Imaging: 12/1/2025 11:05:08 AM

Date Collected: 10/08/25 00:00

1-Chlorooctane (Surr)

o-Terphenyl (Surr)

Date Received: 10/09/25 17:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 18:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 18:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 18:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/10/25 12:00	10/10/25 18:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 18:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/10/25 12:00	10/10/25 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/10/25 12:00	10/10/25 18:41	1
1,4-Difluorobenzene (Surr)	102		70 - 130				10/10/25 12:00	10/10/25 18:41	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			10/10/25 18:41	1	
Ì	-										

Method: SW846 8015 NM - Diesel I	SC)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/10/25 13:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		10/10/25 08:00	10/10/25 13:09	1		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/10/25 08:00	10/10/25 13:09	1		

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Matrix: Solid

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-63684-3

Matrix: Solid

Client Sample ID: SW-2 (2.5')
Date Collected: 10/08/25 00:00
Date Received: 10/09/25 17:00

Method: SW846 8015B NM - Diese	l Range Orga	nics (DRO)	(GC) (Continu	ıed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 08:00	10/10/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				10/10/25 08:00	10/10/25 13:09	1
o-Terphenyl (Surr)	107		70 - 130				10/10/25 08:00	10/10/25 13:09	1

Method: EPA 300.0 - Anions, Ion Cl	hromatograp	hy - Soluble	•						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		9.94		mg/Kg			10/10/25 21:28	1

Client Sample ID: SW-3 (2.5')

Date Collected: 10/08/25 00:00

Lab Sample ID: 880-63684-4

Matrix: Solid

Date Received: 10/09/25 17:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/10/25 12:00	10/10/25 19:01	
Toluene	< 0.00199	U	0.00199		mg/Kg		10/10/25 12:00	10/10/25 19:01	,
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		10/10/25 12:00	10/10/25 19:01	,
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/10/25 12:00	10/10/25 19:01	
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/10/25 12:00	10/10/25 19:01	•
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/10/25 12:00	10/10/25 19:01	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	106		70 - 130				10/10/25 12:00	10/10/25 19:01	
1,4-Difluorobenzene (Surr)	100		70 - 130				10/10/25 12:00	10/10/25 19:01	:
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/25 19:01	
Method: SW846 8015 NM - Diese Analyte		ics (DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	- <49.8		49.8		mg/Kg			10/10/25 13:24	
- -					5 5				
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.8	U *1	49.8		mg/Kg		10/10/25 08:00	10/10/25 13:24	•
(GRO)-C6-C10	40.0		40.0				10/10/05 00 00	10/10/05 10 04	
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/10/25 08:00	10/10/25 13:24	•
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/10/25 08:00	10/10/25 13:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	96		70 - 130				10/10/25 08:00	10/10/25 13:24	
o-Terphenyl (Surr)	103		70 - 130				10/10/25 08:00	10/10/25 13:24	
=									
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	е						
Method: EPA 300.0 - Anions, Ion Analyte	٠.	hy - Solubl Qualifier	e RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

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Client Sample ID: SW-4 (2.5') Date Collected: 10/08/25 00:00

Date Received: 10/09/25 17:00

Total BTEX

Client Sample Results

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Lab Sample ID: 880-63684-5

10/10/25 19:22

Matrix: Solid

Job ID: 880-63684-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 19:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 19:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 19:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/10/25 12:00	10/10/25 19:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/25 12:00	10/10/25 19:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/10/25 12:00	10/10/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/10/25 12:00	10/10/25 19:22	1
1 4-Difluorobenzene (Surr)	100		70 130				10/10/25 12:00	10/10/25 19:22	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Total BTE	EX Calculation						
1,4-Difluorobenzene (Surr)	100	70 - 130		1	10/10/25 12:00	10/10/25 19:22	1

0.00399

mg/Kg

<0.00399 U

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			10/10/25 13:38	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U *1	49.9		mg/Kg		10/10/25 08:00	10/10/25 13:38	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U *1	49.9		mg/Kg		10/10/25 08:00	10/10/25 13:38	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/10/25 08:00	10/10/25 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				10/10/25 08:00	10/10/25 13:38	1
o-Terphenyl (Surr)	102		70 - 130				10/10/25 08:00	10/10/25 13:38	1

Method: EPA 300.0 - Anions, Ion C	hromatograpl	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.3		10.1		mg/Kg			10/10/25 21:40	1

Client Sample ID: SW-5 (2.5') Lab Sample ID: 880-63684-6 Date Collected: 10/08/25 00:00 **Matrix: Solid**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 19:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 19:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 19:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/10/25 12:00	10/10/25 19:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/10/25 12:00	10/10/25 19:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/10/25 12:00	10/10/25 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				10/10/25 12:00	10/10/25 19:42	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/10/25 12:00	10/10/25 19:42	1

Eurofins Midland

Date Received: 10/09/25 17:00

Client Sample Results

Client: Carmona Resources

Chloride

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

10/10/25 20:51

Client Sample ID: SW-5 (2.5')

Date Collected: 10/08/25 00:00

Lab Sample ID: 880-63684-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/25 19:42	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			10/10/25 13:52	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U *1	50.0		mg/Kg		10/10/25 08:00	10/10/25 13:52	
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U *1	50.0		mg/Kg		10/10/25 08:00	10/10/25 13:52	
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 08:00	10/10/25 13:52	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	100		70 - 130				10/10/25 08:00	10/10/25 13:52	
o-Terphenyl (Surr)	107		70 - 130				10/10/25 08:00	10/10/25 13:52	

10.1

mg/Kg

Surrogate Summary

Client: Carmona Resources

Job ID: 880-63684-1

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea 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)	
880-63676-A-21-C MS	Matrix Spike	117	103	
880-63676-A-21-D MSD	Matrix Spike Duplicate	99	97	
880-63684-1	CS-1 (2.5')	108	94	
880-63684-2	SW-1 (2.5')	107	103	
880-63684-3	SW-2 (2.5')	97	102	
880-63684-4	SW-3 (2.5')	106	100	
880-63684-5	SW-4 (2.5')	109	100	
880-63684-6	SW-5 (2.5')	122	107	
LCS 880-120898/1-A	Lab Control Sample	100	105	
LCSD 880-120898/2-A	Lab Control Sample Dup	100	109	
MB 880-120888/5-A	Method Blank	297 S1+	175 S1+	
MB 880-120898/5-A	Method Blank	261 S1+	152 S1+	

BFB = 4-bioinoliuoropenzene (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)	
880-63676-A-5-D MS	Matrix Spike	95	105	
880-63676-A-5-E MSD	Matrix Spike Duplicate	105	120	
880-63676-A-18-D MS	Matrix Spike	97	101	
880-63676-A-18-E MSD	Matrix Spike Duplicate	98	100	
880-63684-1	CS-1 (2.5')	88	107	
880-63684-2	SW-1 (2.5')	88	107	
880-63684-3	SW-2 (2.5')	99	107	
880-63684-4	SW-3 (2.5')	96	103	
880-63684-5	SW-4 (2.5')	96	102	
880-63684-6	SW-5 (2.5')	100	107	
LCS 880-120892/2-A	Lab Control Sample	85	93	
LCS 880-120893/2-A	Lab Control Sample	98	99	
LCSD 880-120892/3-A	Lab Control Sample Dup	86	94	
LCSD 880-120893/3-A	Lab Control Sample Dup	124	134 S1+	
MB 880-120892/1-A	Method Blank	79	99	
MB 880-120893/1-A	Method Blank	79	84	

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-120888/5-A

Matrix: Solid

Analysis Batch: 120849

Client Sample ID: Method Blank

Prep Type: Total/NA

	Batch: 120888

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/25 20:49	10/09/25 23:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/25 20:49	10/09/25 23:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/25 20:49	10/09/25 23:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/09/25 20:49	10/09/25 23:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/25 20:49	10/09/25 23:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/25 20:49	10/09/25 23:32	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	297	S1+	70 - 130	10/09/25 20:49	10/09/25 23:32	1
1,4-Difluorobenzene (Surr)	175	S1+	70 - 130	10/09/25 20:49	10/09/25 23:32	1

Lab Sample ID: MB 880-120898/5-A

Matrix: Solid

Analysis Batch: 120849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120898

		MB	MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/25 08:33	10/10/25 11:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/25 08:33	10/10/25 11:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/25 08:33	10/10/25 11:09	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/10/25 08:33	10/10/25 11:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/25 08:33	10/10/25 11:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/10/25 08:33	10/10/25 11:09	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	S1+	70 - 130	10/10/25 08:33	10/10/25 11:09	1
1,4-Difluorobenzene (Surr)	152	S1+	70 - 130	10/10/25 08:33	10/10/25 11:09	1

Lab Sample ID: LCS 880-120898/1-A

Matrix: Solid

Analysis Batch: 120849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 120898**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1088		mg/Kg		109	70 - 130	
Toluene	0.100	0.1042		mg/Kg		104	70 - 130	
Ethylbenzene	0.100	0.1028		mg/Kg		103	70 - 130	
m,p-Xylenes	0.200	0.2149		mg/Kg		107	70 - 130	
o-Xylene	0.100	0.1021		mg/Kg		102	70 - 130	
	Benzene Toluene Ethylbenzene m,p-Xylenes	Analyte Added Benzene 0.100 Toluene 0.100 Ethylbenzene 0.100 m,p-Xylenes 0.200	Analyte Added Result Benzene 0.100 0.1088 Toluene 0.100 0.1042 Ethylbenzene 0.100 0.1028 m,p-Xylenes 0.200 0.2149	Analyte Added Result Qualifier Benzene 0.100 0.1088 Toluene 0.100 0.1042 Ethylbenzene 0.100 0.1028 m,p-Xylenes 0.200 0.2149	Analyte Added Result Qualifier Unit Benzene 0.100 0.1088 mg/Kg Toluene 0.100 0.1042 mg/Kg Ethylbenzene 0.100 0.1028 mg/Kg m,p-Xylenes 0.200 0.2149 mg/Kg	Analyte Added Result Qualifier Unit Unit Unit D Benzene 0.100 0.1088 mg/Kg Toluene 0.100 0.1042 mg/Kg Ethylbenzene 0.100 0.1028 mg/Kg m,p-Xylenes 0.200 0.2149 mg/Kg	Analyte Added Result Qualifier Unit D %Rec Benzene 0.100 0.1088 mg/Kg 109 Toluene 0.100 0.1042 mg/Kg 104 Ethylbenzene 0.100 0.1028 mg/Kg 103 m,p-Xylenes 0.200 0.2149 mg/Kg 107	Analyte Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.1088 mg/Kg 109 70 - 130 Toluene 0.100 0.1042 mg/Kg 104 70 - 130 Ethylbenzene 0.100 0.1028 mg/Kg 103 70 - 130 m,p-Xylenes 0.200 0.2149 mg/Kg 107 70 - 130

LCS LCS

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1.4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-120898/2-A

Matrix: Solid

Analysis Batch: 120849

Client	Sample	ID: Lab	Control	Sample	Dup

Prep Type: Total/NA

Prep Batch: 120898

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1134		mg/Kg		113	70 - 130	4	35

Lab Sample ID: LCSD 880-120898/2-A

QC Sample Results

Client: Carmona Resources Job ID: 880-63684-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

0.100

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

Client Sample ID: Lab Control Sample Dup **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 120849 **Prep Batch: 120898** Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.1041 35 mg/Kg 104 70 - 130n Ethylbenzene 0.100 0.1025 mg/Kg 102 70 - 130 35 0.200 m,p-Xylenes 0.2134 107 70 - 130 35 mg/Kg

0.1008

mg/Kg

101

70 - 130

Prep Batch: 120898

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-63676-A-21-C MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Solid

o-Xylene

Analysis Batch: 120849

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.1047		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.100	0.09239		mg/Kg		92	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1033		mg/Kg		103	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.2317		mg/Kg		116	70 - 130
o-Xylene	<0.00200	U	0.100	0.1105		mg/Kg		111	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (S	rurr) 117		70 - 130
1,4-Difluorobenzene (Suri	103		70 - 130

Lab Sample ID: 880-63676-A-21-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 120849

Analysis Batch: 120849									Prep	Batch: 1	20898
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09623		mg/Kg		96	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08783		mg/Kg		88	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08261		mg/Kg		83	70 - 130	22	35
m,p-Xylenes	<0.00400	U	0.200	0.1853		mg/Kg		93	70 - 130	22	35
o-Xylene	<0.00200	U	0.100	0.08391		mg/Kg		84	70 - 130	27	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Matrix: Solid

Analysis Batch: 120901

Lab Sample ID: MB 880-120892/1-A

Client Sample ID: Method Blank Prep Type: Total/NA **Prep Batch: 120892** мв мв

Result Qualifier MDL Unit Prepared Analyzed <50.0 U 50.0 10/10/25 07:57 10/10/25 04:42 Gasoline Range Organics mg/Kg (GRO)-C6-C10

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-120892/1-A

Matrix: Solid

Analysis Batch: 120901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 120892

ı		IVID	IVID							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		10/10/25 07:57	10/10/25 04:42	1
	C10-C28)									
	Oil Range Organics (Over C28-C36)	<50.0	U	50.0	1	mg/Kg		10/10/25 07:57	10/10/25 04:42	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	10/10/25 07:57	10/10/25 04:42	1
o-Terphenyl (Surr)	99		70 - 130	10/10/25 07:57	10/10/25 04:42	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-120892/2-A Matrix: Solid Prep Type: Total/NA

Analysis Batch: 120901 **Prep Batch: 120892**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	821.7		mg/Kg		82	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	897.2		mg/Kg		90	70 - 130	
C10-C28)								

LCS LCS

ICED ICED

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-120892/3-A

Matrix: Solid

Analysis Batch: 120901

Client Sample ID: Lab	Contr	oi San	ipie Dup
	Prep	Type:	Total/NA
	_		

Prep Batch: 120892

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	826.1		mg/Kg		83	70 - 130	1	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	907.1		mg/Kg		91	70 - 130	1	20	
C10-C28)										

	LUSD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: 880-63676-A-5-D MS Client Sample ID: Matrix Spike Matrix: Solid

Analysis Batch: 120901

Prep Type: Total/NA

Prep Batch: 120892

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	777.9		mg/Kg		78	70 - 130	
Diesel Range Organics (Over	<50.0	U	1000	886.4		mg/Kg		86	70 - 130	
C10_C28\										

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	95		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Job ID: 880-63684-1

SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63676-A-5-E MSD

Matrix: Solid Analysis Batch: 120901 Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 120892

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U	1000	844.2		mg/Kg		84	70 - 130	8	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U	1000	1006		mg/Kg		98	70 - 130	13	20
C10-C28)											

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	120		70 - 130

Lab Sample ID: MB 880-120893/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 120904

Prep Type: Total/NA

Prep Batch: 120893

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		10/10/25 08:00	10/10/25 04:42	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		10/10/25 08:00	10/10/25 04:42	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 08:00	10/10/25 04:42	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79	70 - 130	10/10/25 08:00	10/10/25 04:42	1
o-Terphenyl (Surr)	84	70 - 130	10/10/25 08:00	10/10/25 04:42	1

Lab Sample ID: LCS 880-120893/2-A

Matrix: Solid

Analysis Batch: 120904

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 120893

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	1000	792.5		mg/Kg		79	70 - 130
(GRO)-C6-C10							
Diesel Range Organics (Over	1000	880.6		mg/Kg		88	70 - 130
040,000)							

C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-120893/3-A

Released to Imaging: 12/1/2025 11:05:08 AM

Matrix: Solid

Analysis Batch: 120904

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

Prep Batch: 120893

	Бріке	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1041	*1	mg/Kg		104	70 - 130	27	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1200	*1	mg/Kg		120	70 - 130	31	20	
C10-C28)										

Eurofins Midland

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-120893/3-A

Matrix: Solid

Analysis Batch: 120904

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 120893

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 124 70 - 130 o-Terphenyl (Surr) 134 S1+ 70 - 130

Lab Sample ID: 880-63676-A-18-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 120904

Prep Type: Total/NA

Prep Batch: 120893

Sample Sample Spike MS MS %Rec Qualifier Analyte Result Qualifier Added Result Unit D %Rec Limits 687.3 F1 <50.0 U *1 F1 999 69 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U *1 999 894.5 86 70 - 130 mg/Kg C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 880-63676-A-18-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 120904

Prep Type: Total/NA

Prep Batch: 120893

Spike MSD MSD RPD Sample Sample Analyte Result Qualifier hahhA Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics <50.0 U *1 F1 999 710.4 mg/Kg 71 70 - 130 3 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U *1 999 899.4 mg/Kg 87 70 - 13020 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane (Surr) 98 70 - 130 o-Terphenyl (Surr) 100

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120971/1-A Client Sample ID: Method Blank **Matrix: Solid**

Analysis Batch: 120987

Prep Type: Soluble

MB MB

Dil Fac Analyte Result Qualifier RL MDL Unit Prepared Analyzed Chloride <10.0 U 10.0 mg/Kg 10/10/25 18:39

Lab Sample ID: LCS 880-120971/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 120987

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	258.2		mg/Kg	_	103	90 - 110	

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

Client Sample ID: Lab Control Sample Dup

SDG: Lea County, New Mexico

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-120971/3-A

Matrix: Solid

Analysis Batch: 120987

Spike LCSD LCSD RPD %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 260.1 mg/Kg 104 90 - 110 20

Lab Sample ID: 880-63673-A-11-C MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 120987

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 122 F1 253 405.3 F1 mg/Kg 112 90 - 110

Lab Sample ID: 880-63673-A-11-D MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 120987

MSD MSD RPD Spike %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 122 F1 253 405.0 F1 mg/Kg 112 90 - 110

Lab Sample ID: MB 880-120918/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 120989

мв мв

Result Qualifier MDL Unit Analyte RL Prepared Analyzed Dil Fac Chloride <10.0 10.0 10/10/25 18:44 mg/Kg

Lab Sample ID: LCS 880-120918/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 120989

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 250 260.5 mg/Kg 104 90 - 110

Lab Sample ID: LCSD 880-120918/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 120989

Spike LCSD LCSD %Rec RPD Added RPD Analyte Result Qualifier Unit D %Rec Limits Limit Chloride 250 264.3 mg/Kg 106 90 - 110

Lab Sample ID: 880-63682-A-26-B MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 120989

MS MS Sample Sample Spike %Rec Qualifier Added Result Qualifier Limits Analyte Result Unit %Rec Chloride 104 249 358.2 mg/Kg 102 90 - 110

Lab Sample ID: 880-63682-A-26-C MSD Client Sample ID: Matrix Spike Duplicate **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 120989

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	104		249	353.1		mg/Kg		100	90 - 110	1	20

Eurofins Midland

Prep Type: Soluble

Prep Type: Soluble

Client: Carmona Resources

Job ID: 880-63684-1 Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 120849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Total/NA	Solid	8021B	120898
880-63684-2	SW-1 (2.5')	Total/NA	Solid	8021B	120898
880-63684-3	SW-2 (2.5')	Total/NA	Solid	8021B	120898
880-63684-4	SW-3 (2.5')	Total/NA	Solid	8021B	120898
880-63684-5	SW-4 (2.5')	Total/NA	Solid	8021B	120898
880-63684-6	SW-5 (2.5')	Total/NA	Solid	8021B	120898
MB 880-120888/5-A	Method Blank	Total/NA	Solid	8021B	120888
MB 880-120898/5-A	Method Blank	Total/NA	Solid	8021B	120898
LCS 880-120898/1-A	Lab Control Sample	Total/NA	Solid	8021B	120898
LCSD 880-120898/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120898
880-63676-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	120898
880-63676-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	120898

Prep Batch: 120888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-120888/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 120898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Total/NA	Solid	5035	
880-63684-2	SW-1 (2.5')	Total/NA	Solid	5035	
880-63684-3	SW-2 (2.5')	Total/NA	Solid	5035	
880-63684-4	SW-3 (2.5')	Total/NA	Solid	5035	
880-63684-5	SW-4 (2.5')	Total/NA	Solid	5035	
880-63684-6	SW-5 (2.5')	Total/NA	Solid	5035	
MB 880-120898/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120898/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120898/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63676-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-63676-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 121071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Total/NA	Solid	Total BTEX	
880-63684-2	SW-1 (2.5')	Total/NA	Solid	Total BTEX	
880-63684-3	SW-2 (2.5')	Total/NA	Solid	Total BTEX	
880-63684-4	SW-3 (2.5')	Total/NA	Solid	Total BTEX	
880-63684-5	SW-4 (2.5')	Total/NA	Solid	Total BTEX	
880-63684-6	SW-5 (2.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 120892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Total/NA	Solid	8015NM Prep	
880-63684-2	SW-1 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-120892/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120892/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63676-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63676-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Client: Carmona Resources Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25) Job ID: 880-63684-1

SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 120893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-3	SW-2 (2.5')	Total/NA	Solid	8015NM Prep	
880-63684-4	SW-3 (2.5')	Total/NA	Solid	8015NM Prep	
880-63684-5	SW-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-63684-6	SW-5 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-120893/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120893/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120893/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63676-A-18-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63676-A-18-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 120901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Total/NA	Solid	8015B NM	120892
880-63684-2	SW-1 (2.5')	Total/NA	Solid	8015B NM	120892
MB 880-120892/1-A	Method Blank	Total/NA	Solid	8015B NM	120892
LCS 880-120892/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120892
LCSD 880-120892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120892
880-63676-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	120892
880-63676-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120892

Analysis Batch: 120904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-3	SW-2 (2.5')	Total/NA	Solid	8015B NM	120893
880-63684-4	SW-3 (2.5')	Total/NA	Solid	8015B NM	120893
880-63684-5	SW-4 (2.5')	Total/NA	Solid	8015B NM	120893
880-63684-6	SW-5 (2.5')	Total/NA	Solid	8015B NM	120893
MB 880-120893/1-A	Method Blank	Total/NA	Solid	8015B NM	120893
LCS 880-120893/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120893
LCSD 880-120893/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120893
880-63676-A-18-D MS	Matrix Spike	Total/NA	Solid	8015B NM	120893
880-63676-A-18-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120893

Analysis Batch: 120988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Total/NA	Solid	8015 NM	
880-63684-2	SW-1 (2.5')	Total/NA	Solid	8015 NM	
880-63684-3	SW-2 (2.5')	Total/NA	Solid	8015 NM	
880-63684-4	SW-3 (2.5')	Total/NA	Solid	8015 NM	
880-63684-5	SW-4 (2.5')	Total/NA	Solid	8015 NM	
880-63684-6	SW-5 (2.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 120918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Soluble	Solid	DI Leach	_
880-63684-2	SW-1 (2.5')	Soluble	Solid	DI Leach	
880-63684-3	SW-2 (2.5')	Soluble	Solid	DI Leach	
880-63684-4	SW-3 (2.5')	Soluble	Solid	DI Leach	
880-63684-5	SW-4 (2.5')	Soluble	Solid	DI Leach	
MB 880-120918/1-A	Method Blank	Soluble	Solid	DI Leach	

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1 SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 120918 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-120918/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120918/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63682-A-26-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-63682-A-26-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 120971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-6	SW-5 (2.5')	Soluble	Solid	DI Leach	
MB 880-120971/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120971/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120971/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63673-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-63673-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 120987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-6	SW-5 (2.5')	Soluble	Solid	300.0	120971
MB 880-120971/1-A	Method Blank	Soluble	Solid	300.0	120971
LCS 880-120971/2-A	Lab Control Sample	Soluble	Solid	300.0	120971
LCSD 880-120971/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120971
880-63673-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	120971
880-63673-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	120971

Analysis Batch: 120989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63684-1	CS-1 (2.5')	Soluble	Solid	300.0	120918
880-63684-2	SW-1 (2.5')	Soluble	Solid	300.0	120918
880-63684-3	SW-2 (2.5')	Soluble	Solid	300.0	120918
880-63684-4	SW-3 (2.5')	Soluble	Solid	300.0	120918
880-63684-5	SW-4 (2.5')	Soluble	Solid	300.0	120918
MB 880-120918/1-A	Method Blank	Soluble	Solid	300.0	120918
LCS 880-120918/2-A	Lab Control Sample	Soluble	Solid	300.0	120918
LCSD 880-120918/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120918
880-63682-A-26-B MS	Matrix Spike	Soluble	Solid	300.0	120918
880-63682-A-26-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	120918

Eurofins Midland

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Lab Sample ID: 880-63684-1

Client Sample ID: CS-1 (2.5')

Date Collected: 10/08/25 00:00 Date Received: 10/09/25 17:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	120898	10/10/25 12:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120849	10/10/25 18:00	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121071	10/10/25 18:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			120988	10/10/25 13:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	120892	10/10/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120901	10/10/25 13:38	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120918	10/10/25 10:02	SA	EET MID
Soluble	Analysis	300.0		1			120989	10/10/25 21:16	CS	EET MID

Lab Sample ID: 880-63684-2

Date Collected: 10/08/25 00:00

Client Sample ID: SW-1 (2.5')

Matrix: Solid

Date Received: 10/09/25 17:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	120898	10/10/25 12:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120849	10/10/25 18:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121071	10/10/25 18:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			120988	10/10/25 13:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	120892	10/10/25 07:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120901	10/10/25 13:52	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120918	10/10/25 10:02	SA	EET MID
Soluble	Analysis	300.0		1			120989	10/10/25 21:22	CS	EET MID

Client Sample ID: SW-2 (2.5') Lab Sample ID: 880-63684-3 Date Collected: 10/08/25 00:00

Matrix: Solid

Date Received: 10/09/25 17:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	120898	10/10/25 12:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120849	10/10/25 18:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121071	10/10/25 18:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			120988	10/10/25 13:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120893	10/10/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120904	10/10/25 13:09	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120918	10/10/25 10:02	SA	EET MID
Soluble	Analysis	300.0		1			120989	10/10/25 21:28	CS	EET MID

Client Sample ID: SW-3 (2.5')

Lab Sample ID: 880-63684-4

Date Collected: 10/08/25 00:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	120898	10/10/25 12:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120849	10/10/25 19:01	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121071	10/10/25 19:01	SA	EET MID

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

SDG: Lea County, New Mexico

Client Sample ID: SW-3 (2.5')

Date Received: 10/09/25 17:00

Date Collected: 10/08/25 00:00

Lab Sample ID: 880-63684-4

Matrix: Solid

Matrix: Solid

Matrix: Solid

Job ID: 880-63684-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			120988	10/10/25 13:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120893	10/10/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120904	10/10/25 13:24	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120918	10/10/25 10:02	SA	EET MID
Soluble	Analysis	300.0		1			120989	10/10/25 21:34	CS	EET MID

Client Sample ID: SW-4 (2.5')

Lab Sample ID: 880-63684-5

Date Collected: 10/08/25 00:00 Date Received: 10/09/25 17:00

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 5035 Total/NA Prep 5.01 g 5 mL 120898 10/10/25 12:00 AA**EET MID** Total/NA Analysis 8021B 5 mL 5 mL 120849 10/10/25 19:22 EL **EET MID** 1 Total/NA Total BTEX 10/10/25 19:22 Analysis 1 121071 SA **EET MID** Total/NA Analysis 8015 NM 120988 10/10/25 13:38 SA **EET MID** 1 Total/NA Prep 8015NM Prep 10.03 g 10 mL 120893 10/10/25 08:00 EL **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 120904 10/10/25 13:38 FC **EET MID** Soluble Leach DI Leach 4.97 g 50 mL 120918 10/10/25 10:02 SA EET MID Soluble Analysis 300.0 1 120989 10/10/25 21:40 CS **EET MID**

Client Sample ID: SW-5 (2.5')

Lab Sample ID: 880-63684-6

Date Collected: 10/08/25 00:00 Date Received: 10/09/25 17:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	120898	10/10/25 12:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120849	10/10/25 19:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			121071	10/10/25 19:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			120988	10/10/25 13:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	120893	10/10/25 08:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120904	10/10/25 13:52	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	120971	10/10/25 13:16	SA	EET MID
Soluble	Analysis	300.0		1			120987	10/10/25 20:51	CS	EET MID

Laboratory References:

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

Eurofins Midland

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Accreditation/Certification Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Project/Site: Red Bull 35 Federal 1H Flare Fire (08.24.25)

Job ID: 880-63684-1

SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63684-1	CS-1 (2.5')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico
880-63684-2	SW-1 (2.5')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico
880-63684-3	SW-2 (2.5')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico
880-63684-4	SW-3 (2.5')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico
880-63684-5	SW-4 (2.5')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico
880-63684-6	SW-5 (2.5')	Solid	10/08/25 00:00	10/09/25 17:00	New Mexico

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880-63684 Chain of Custody

Chain of Custody

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☐ Level IV ☐ DI Water: H₂O Program: UST/PST | PRP | Brownfields | RRC | | Liperfund MeOH: Me HNO₃: HN NaOH: Na NaOH+Ascorbic Acid: SAPC Preservative Codes Sample Comments Date/Time 5 Zn Acetate+NaOH: Zn 921 ||RRP Na₂S₂O₃: NaSO₃ NaHSO4: NABIS Other: Work Order Comments Cool: Cool HCL: HC H₂SO₄: H₂ H₃PO₄: HP None: NO Reporting:Level II Level III PST/UST ADaPT Deliverables: EDD Received by: (Signature) State of Project: ANALYSIS REQUEST Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com Carmona Resources × × × × × Chloride 300.0 mcarmona@carmonaresources.com × × × Date/Time TPH 8015M (GRO + DRO + MRO) × × × × × × × BTEX 8021B × # of Cont Parameters Comp Grab/ Company Name Bill to: (if different) 72 Hour TAT ပ ပ O O O O City, State ZIP: ✓ Rush Address Water **Turn Around** Email: Wet Ice: Routine Due Date: Soil × × × × × × Corrected Temperature: Temperature Reading: Red Bull 35 Federal 1H Flare Fire (08.24.25) Correction Factor. Thermometer ID: Relinquished by: (Signature) Yes No Time Lea County, New Mexico 10/8/2025 10/8/2025 10/8/2025 10/8/2025 10/8/2025 10/8/2025 Date ₹ 310 W Wall St Ste 500 Temp Blank: Carmona Resources ž Midland, TX 79701 ž Conner Moehring 432-813-6823 Yes Sample Identification CS-1 (2.5') SW-1 (2.5') SW-2 (2.5') SW-3 (2.5') SW-4 (2.5') SW-5 (2.5') SAMPLE RECEIPT Sample Custody Seals: Cooler Custody Seals: Sampler's Name: Company Name: Total Containers: Project Manager oject Number Project Location Received Intact: City, State ZIP. Project Name:

Address

Released to Imaging: 12/1/2025 11:05:08 AM

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-63684-1 SDG Number: Lea County, New Mexico

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Login Number: 63684

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/27/2025 3:27:53 PM

JOB DESCRIPTION

Pygmy 27 State 3H (09.07.25) Lea County, New Mexico

JOB NUMBER

880-64193-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 10/27/2025 3:27:53 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 2

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Client: Carmona Resources Project/Site: Pygmy 27 State 3H (09.07.25) Laboratory Job ID: 880-64193-1 SDG: Lea County, New Mexico

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4

Definitions/Glossary

Client: Carmona Resources Job ID: 880-64193-1 Project/Site: Pygmy 27 State 3H (09.07.25)

SDG: Lea County, New Mexico

Qualifiers

GC VOA
Qualifier

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

Qualifier Description

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)

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

NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources Job ID: 880-64193-1

Project: Pygmy 27 State 3H (09.07.25)

Eurofins Midland Job ID: 880-64193-1

Job Narrative 880-64193-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when sitespecific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 10/24/2025 9:00 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 4.5°C.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-121958 and analytical batch 880-121946 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121788 and 880-121958 and analytical batch 880-121946 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: Backfill (880-64193-1). This sample did not contain any target analytes; 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.

Diesel Range Organics

Method 8015MOD NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-121948 and analytical batch 880-121967 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

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: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-64193-1

Matrix: Solid

Client Sampl	e ID: Backfill
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Date Collected: 10/17/25 00:00 Date Received: 10/24/25 09:00

Oil Range Organics (Over C28-C36)

Surrogate

1-Chlorooctane (Surr)

o-Terphenyl (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/24/25 09:56	10/25/25 13:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/24/25 09:56	10/25/25 13:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/24/25 09:56	10/25/25 13:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/24/25 09:56	10/25/25 13:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/24/25 09:56	10/25/25 13:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/24/25 09:56	10/25/25 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	396	S1+	70 - 130				10/24/25 09:56	10/25/25 13:33	1
1,4-Difluorobenzene (Surr)	102		70 ₋ 130				10/24/25 09:56	10/25/25 13:33	1
		culation	ъ.			_			5
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 10/25/25 13:33	Dil Fac
	Result <0.00402	Qualifier U	0.00402	MDL		<u>D</u>	Prepared		Dil Fac
Total BTEX	Result <0.00402	Qualifier U	0.00402	MDL		<u>D</u>	Prepared Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Die	Result <0.00402	Qualifier U ics (DRO) (Qualifier	0.00402 GC)		mg/Kg			10/25/25 13:33	1
Total BTEX Method: SW846 8015 NM - Die Analyte	Result <0.00402 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 50.0		mg/Kg			10/25/25 13:33 Analyzed	1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	Result <0.00402 Result <50.0 iesel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 50.0	MDL	mg/Kg			10/25/25 13:33 Analyzed	1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	Result <0.00402 Result <50.0 iesel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U anics (DRO) Qualifier	0.00402 GC) RL 50.0 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	10/25/25 13:33 Analyzed 10/24/25 18:09	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10	Result <0.00402 See Range Organ Result <50.0 iesel Range Orga Result Range Orga Result	Qualifier U ics (DRO) (Qualifier U anics (DRO) Qualifier	0.00402 GC) RL 50.0 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	10/25/25 13:33 Analyzed 10/24/25 18:09 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result <0.00402 See Range Organ Result <50.0 iesel Range Orga Result Range Orga Result	Qualifier U ics (DRO) (Qualifier U unics (DRO) Qualifier U *1	0.00402 GC) RL 50.0 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	10/25/25 13:33 Analyzed 10/24/25 18:09 Analyzed	Dil Fac

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	105		10.0		mg/Kg			10/24/25 19:00	1	

50.0

Limits

70 - 130

70 - 130

mg/Kg

10/24/25 08:34

Prepared

10/24/25 08:34

10/24/25 08:34

10/24/25 18:09

Analyzed

10/24/25 18:09

10/24/25 18:09

Dil Fac

<50.0 U

%Recovery Qualifier

111

128

Surrogate Summary

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea 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)	
880-64193-1	Backfill	396 S1+	102	
890-8980-A-1-G MS	Matrix Spike	110	91	
890-8980-A-1-H MSD	Matrix Spike Duplicate	106	95	
LCS 880-121958/1-A	Lab Control Sample	110	95	
LCSD 880-121958/2-A	Lab Control Sample Dup	101	88	
MB 880-121788/5-A	Method Blank	176 S1+	101	
MB 880-121958/5-A	Method Blank	180 S1+	98	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-63979-A-113-E MS	Matrix Spike	119	129	
880-63979-A-113-F MSD	Matrix Spike Duplicate	119	127	
880-64193-1	Backfill	111	128	
LCS 880-121948/2-A	Lab Control Sample	90	95	
LCSD 880-121948/3-A	Lab Control Sample Dup	100	106	
MB 880-121948/1-A	Method Blank	104	125	

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Midland

Released to Imaging: 12/1/2025 11:05:08 AM

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121788/5-A

Lab Sample ID: MB 880-121958/5-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 121946

Analysis Batch: 121946

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121788

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/22/25 12:13	10/24/25 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/22/25 12:13	10/24/25 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/22/25 12:13	10/24/25 22:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/22/25 12:13	10/24/25 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/22/25 12:13	10/24/25 22:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/22/25 12:13	10/24/25 22:45	1
	***	***							

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130	10/22/25 12:13	10/24/25 22:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/22/25 12:13	10/24/25 22:45	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121958

мв мв

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	J	0.00200		mg/Kg		10/24/25 09:56	10/25/25 10:21	1
Toluene	<0.00200 L	J	0.00200		mg/Kg		10/24/25 09:56	10/25/25 10:21	1
Ethylbenzene	<0.00200 L	J	0.00200		mg/Kg		10/24/25 09:56	10/25/25 10:21	1
m,p-Xylenes	<0.00400 L	J	0.00400		mg/Kg		10/24/25 09:56	10/25/25 10:21	1
o-Xylene	<0.00200 L	J	0.00200		mg/Kg		10/24/25 09:56	10/25/25 10:21	1
Xylenes, Total	<0.00400 L	J	0.00400		mg/Kg		10/24/25 09:56	10/25/25 10:21	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130	10/24/25 09:56	10/25/25 10:21	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/24/25 09:56	10/25/25 10:21	1

Lab Sample ID: LCS 880-121958/1-A

Matrix: Solid

Analysis Batch: 121946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121958

Spike	LCS	LCS				%Rec	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
0.100	0.08853		mg/Kg		89	70 - 130	
0.100	0.09331		mg/Kg		93	70 - 130	
0.100	0.08837		mg/Kg		88	70 - 130	
0.200	0.1498		mg/Kg		75	70 - 130	
0.100	0.08831		mg/Kg		88	70 - 130	
	0.100 0.100 0.100 0.100 0.200	Added Result 0.100 0.08853 0.100 0.09331 0.100 0.08837 0.200 0.1498	Added Result Qualifier 0.100 0.08853 0.100 0.09331 0.100 0.08837 0.200 0.1498	Added Result Qualifier Unit 0.100 0.08853 mg/Kg 0.100 0.09331 mg/Kg 0.100 0.08837 mg/Kg 0.200 0.1498 mg/Kg	Added Result Qualifier Unit D 0.100 0.08853 mg/Kg 0.100 0.09331 mg/Kg 0.100 0.08837 mg/Kg 0.200 0.1498 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.08853 mg/Kg 89 0.100 0.09331 mg/Kg 93 0.100 0.08837 mg/Kg 88 0.200 0.1498 mg/Kg 75	Added Result Qualifier Unit D %Rec Limits 0.100 0.08853 mg/Kg 89 70 - 130 0.100 0.09331 mg/Kg 93 70 - 130 0.100 0.08837 mg/Kg 88 70 - 130 0.200 0.1498 mg/Kg 75 70 - 130

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	110	70 - 130
1.4-Difluorobenzene (Surr)	95	70 - 130

Lab Sample ID: LCSD 880-121958/2-A

Matrix: Solid

Analysis Batch: 121946

Client	Sample	ID: L	.ab	Contr	ol Sar	nple	Dup
				_	_		

Prep Type: Total/NA

Prep Batch: 121958

	Бріке	LCSD LCSD				%Rec		RPD
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08341	mg/Kg		83	70 - 130	6	35

QC Sample Results

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25) SDG: Lea County, New Mexico

Job ID: 880-64193-1

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

Lab Sample ID: LCSD 880-121958/2-A

Matrix: Solid

Analysis Batch: 121946

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121958

Spike	LCSD	LCSD				%Rec		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.100	0.08663	-	mg/Kg		87	70 - 130	7	35
0.100	0.09132		mg/Kg		91	70 - 130	3	35
0.200	0.1502		mg/Kg		75	70 - 130	0	35
0.100	0.08496		mg/Kg		85	70 - 130	4	35
	Added 0.100 0.100 0.200	Added Result 0.100 0.08663 0.100 0.09132 0.200 0.1502	Added Result Qualifier 0.100 0.08663 Qualifier 0.100 0.09132 Qualifier 0.200 0.1502 Qualifier	Added Result Qualifier Unit 0.100 0.08663 mg/Kg 0.100 0.09132 mg/Kg 0.200 0.1502 mg/Kg	Added Result Qualifier Unit D 0.100 0.08663 mg/Kg 0.100 0.09132 mg/Kg 0.200 0.1502 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.08663 mg/Kg 87 0.100 0.09132 mg/Kg 91 0.200 0.1502 mg/Kg 75	Added Result Qualifier Unit D %Rec Limits 0.100 0.08663 mg/Kg 87 70 - 130 0.100 0.09132 mg/Kg 91 70 - 130 0.200 0.1502 mg/Kg 75 70 - 130	Added Result Qualifier Unit D %Rec Limits RPD 0.100 0.08663 mg/Kg 87 70 - 130 7 0.100 0.09132 mg/Kg 91 70 - 130 3 0.200 0.1502 mg/Kg 75 70 - 130 0

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 890-8980-A-1-G MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 121946

Prep Type: Total/NA

Prep Batch: 121958

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F2 F1	0.100	0.08247		mg/Kg	_	82	70 - 130	
Toluene	<0.00200	U F2 F1	0.100	0.07816		mg/Kg		78	70 - 130	
Ethylbenzene	<0.00200	U F2 F1	0.100	0.09639		mg/Kg		96	70 - 130	
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1725		mg/Kg		86	70 - 130	
o-Xylene	<0.00200	U F2 F1	0.100	0.08236		mg/Kg		82	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	110	70 - 130
1,4-Difluorobenzene (Surr)	91	70 - 130

Lab Sample ID: 890-8980-A-1-H MSD

Matrix: Solid

Analysis Batch: 121946

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121958

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F2 F1	0.100	0.03922	F2 F1	mg/Kg		39	70 - 130	71	35
Toluene	<0.00200	U F2 F1	0.100	0.03990	F2 F1	mg/Kg		40	70 - 130	65	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.03967	F2 F1	mg/Kg		40	70 - 130	83	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.09606	F2 F1	mg/Kg		48	70 - 130	57	35
o-Xylene	<0.00200	U F2 F1	0.100	0.05347	F2 F1	mg/Kg		53	70 - 130	43	35

MSD MSD

Surroyate	76Recovery	Qualifier	LIIIIII
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-121948/1-A

Matrix: Solid

Analysis Batch: 121967

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

Prep Batch: 121948

мв мв Result Qualifier MDL Unit Prepared Analyzed <50.0 U 50.0 10/24/25 08:33 10/24/25 09:15 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

QC Sample Results

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25) SDG: Lea County, New Mexico

Job ID: 880-64193-1

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

Lab Sample ID: MB 880-121948/1-A **Matrix: Solid**

Analysis Batch: 121967

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121948

ı									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		10/24/25 08:33	10/24/25 09:15	1
	Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		10/24/25 08:33	10/24/25 09:15	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	10/24/25 08:33	10/24/25 09:15	1
o-Terphenyl (Surr)	125		70 - 130	10/24/25 08:33	10/24/25 09:15	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-121948/2-A **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 121967 **Prep Batch: 121948**

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 829.8 83 70 - 130 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1004 100 70 - 130 mg/Kg C10-C28)

LCS LCS

Surrogate	%Recovery Qual	lifier Limits
1-Chlorooctane (Surr)	90	70 - 130
o-Terphenyl (Surr)	95	70 - 130

Lab Sample ID: LCSD 880-121948/3-A

Matrix: Solid

Analysis Batch: 121967

Client Sample ID: Lab Control Sample D
--

Prep Type: Total/NA

Prep Batch: 121948

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1021	*1	mg/Kg		102	70 - 130	21	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1125		mg/Kg		113	70 - 130	11	20
C10-C28)									

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane (Surr) 100 70 - 130 o-Terphenyl (Surr) 106 70 - 130

Lab Sample ID: 880-63979-A-113-E MS

Matrix: Solid

Analysis Batch: 121967

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121948

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	997	932.2		mg/Kg		94	70 - 130	
Diesel Range Organics (Over	<50.0	U	997	1057		mg/Kg		104	70 - 130	

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	129		70 - 130

QC Sample Results

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63979-A-113-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121967 **Prep Batch: 121948**

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U *1	997	920.6		mg/Kg		92	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U	997	1032		mg/Kg		102	70 - 130	2	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	127		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121955/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 121979

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/24/25 16:44	1

Lab Sample ID: LCS 880-121955/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 121979

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 250	238.9	-	mg/Kg		96	90 - 110	

Lab Sample ID: LCSD 880-121955/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 121979

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	240.3		ma/Ka		96	90 - 110		20	

Lab Sample ID: 890-8980-A-26-C MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 121979

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	583		248	812.4		mg/Kg		92	90 - 110	

Lab Sample ID: 890-8980-A-26-D MSD

Matrix: Solid Analysis Ratch: 121979

Alialysis batch: 121979											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	583		248	811.6		mg/Kg		92	90 - 110	0	20

Eurofins Midland

Prep Type: Soluble

Client Sample ID: Matrix Spike Duplicate

QC Association Summary

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

GC VOA

Prep Batch: 121788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-121788/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 121946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Total/NA	Solid	8021B	121958
MB 880-121788/5-A	Method Blank	Total/NA	Solid	8021B	121788
MB 880-121958/5-A	Method Blank	Total/NA	Solid	8021B	121958
LCS 880-121958/1-A	Lab Control Sample	Total/NA	Solid	8021B	121958
LCSD 880-121958/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121958
890-8980-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	121958
890-8980-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121958

Prep Batch: 121958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Total/NA	Solid	5035	
MB 880-121958/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121958/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121958/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8980-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-8980-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 122117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121948

Lab Sample ID 880-64193-1	Client Sample ID Backfill	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-121948/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121948/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121948/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63979-A-113-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63979-A-113-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Total/NA	Solid	8015B NM	121948
MB 880-121948/1-A	Method Blank	Total/NA	Solid	8015B NM	121948
LCS 880-121948/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121948
LCSD 880-121948/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121948
880-63979-A-113-E MS	Matrix Spike	Total/NA	Solid	8015B NM	121948
880-63979-A-113-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121948

Analysis Batch: 122047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 121955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Soluble	Solid	DI Leach	
MB 880-121955/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121955/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121955/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8980-A-26-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8980-A-26-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 121979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64193-1	Backfill	Soluble	Solid	300.0	121955
MB 880-121955/1-A	Method Blank	Soluble	Solid	300.0	121955
LCS 880-121955/2-A	Lab Control Sample	Soluble	Solid	300.0	121955
LCSD 880-121955/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121955
890-8980-A-26-C MS	Matrix Spike	Soluble	Solid	300.0	121955
890-8980-A-26-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	121955

Lab Chronicle

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-64193-1

Matrix: Solid

Client Sample ID: Backfill

Date Collected: 10/17/25 00:00 Date Received: 10/24/25 09:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	121958	10/24/25 09:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121946	10/25/25 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			122117	10/25/25 13:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			122047	10/24/25 18:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121948	10/24/25 08:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121967	10/24/25 18:09	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121955	10/24/25 09:31	SI	EET MID
Soluble	Analysis	300.0		1			121979	10/24/25 19:00	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: 880-64193-1

Project/Site: Pygmy 27 State 3H (09.07.25)

SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

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

Method Summary

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

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Sample Summary

Client: Carmona Resources

Project/Site: Pygmy 27 State 3H (09.07.25)

Job ID: 880-64193-1

SDG: Lea County, New Mexico

Lab Sample ID Client Sample ID Sample Origin Matrix Collected Received 880-64193-1 Backfill Solid 10/17/25 00:00 10/24/25 09:00 New Mexico

Chain of Custody 880-64193 Chain of Custody	Page1 of1	Bill to: (if different) Carmona Resources Work Order Comments	Company Name:	30 Address:		Email:	27 State 3H (09.07.25) Turn	□ Routine ✓ Rush Pres. None	w Mexico Due Date: 24 Hour TAT Cool: Cool	HCL: HC	H ₂ S0 ₄ : H ₂	Wet Ice: Yes No In ete	Thermometer ID:	No N/A Correction Factor:	t College	/N	Date Time Soil Water Grab/ # of Cont	10/17/2025 X C 1 X X X X				Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	Relinquished by: (Signature) Date/Time Date/Time	
		Conner Moehring	Carmona Resources	310 W Wall St Ste 500	Midland, TX 79701	432-813-6823	Pygmy 27 State 38	2859	Lea County, Ne	MC			Yes N	Yes No	Yes No							to Mike Carmona / Mcarr	Relinquish	
		Project Manager.			e ZIP:		Name:	Project Number:	Project Location	Sampler's Name:	PO#:	SAMPLE RECEIPT	Received Intact:	Cooler Custody Seals:	Sample Custody Seals:	Total Containers:	Sample Identification	Backfill				Comments: Email t		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-64193-1

SDG Number: Lea County, New Mexico

List Source: Eurofins Midland

Login Number: 64193 List Number: 1

Creator: Vasquez, Julisa

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

10

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14

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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 523323

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523735216
Incident Name	NAPP2523735216 RED BULL 35 FEDERAL 1H @ 30-025-34015
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-34015] RED BULL 35 FEDERAL #001H

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Red Bull 35 Federal 1H				
Date Release Discovered	08/24/2025				
Surface Owner	Private				

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	Yes					
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 Separator Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 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)	Emergency services were not notified Release was confined to the well pad Facility has been cleared by safety personnel					

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

QUESTIONS, Page 2

Action 523323

QUESTIONS (continued)

Operator:	OGRID:						
COG OPERATING LLC	229137						
600 W Illinois Ave Midland, TX 79701	Action Number: 523323						
Wildiand, 17 79701	Action Type:						
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)						
QUESTIONS							
Nature and Volume of Release (continued)							
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.						
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes						
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.						
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.						
Initial Response							
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.						
The source of the release has been stopped	True						
The impacted area has been secured to protect human health and the environment	True						
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True						
All free liquids and recoverable materials have been removed and managed appropriately	True						
If all the actions described above have not been undertaken, explain why	Emergency services were not notified Release was confined to the well pad Facility has been cleared by safety personnel						
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative led or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.						
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or						
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com						

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Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 523323

QUESTIONS (continued)

Operator:	OGRID:				
COG OPERATING LLC	229137				
600 W Illinois Ave	Action Number:				
Midland, TX 79701	523323				
	Action Type:				
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)				

QUESTIONS

Site Characterization					
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the				
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)				
What method was used to determine the depth to ground water	NM OSE iWaters Database Search				
Did this release impact groundwater or surface water	No				
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:					
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)				
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)				
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)				
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)				
Any other fresh water well or spring	Greater than 5 (mi.)				
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)				
A wetland	Between 1 and 5 (mi.)				
A subsurface mine	Greater than 5 (mi.)				
An (non-karst) unstable area	Greater than 5 (mi.)				
Categorize the risk of this well / site being in a karst geology	Low				
A 100-year floodplain	Greater than 5 (mi.)				
Did the release impact areas not on an exploration, development, production, or storage site	No				

Remediation Plan						
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.						
Requesting a remediation plan approval with this submission	Yes					
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination a	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.					
Have the lateral and vertical extents of contamination been fully delineated	Yes					
Was this release entirely contained within a lined containment area	No					
Soil Contamination Sampling: (Provide the highest observable value for each, in million	grams per kilograms.)					
Chloride (EPA 300.0 or SM4500 Cl B)	654					
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	116					
GRO+DRO (EPA SW-846 Method 8015M)	116					
BTEX (EPA SW-846 Method 8021B or 8260B)	0					
Benzene (EPA SW-846 Method 8021B or 8260B)	0					
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	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	10/06/2025					
On what date will (or did) the final sampling or liner inspection occur	10/08/2025					
On what date will (or was) the remediation complete(d)	10/17/2025					
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	127					
What is the estimated volume (in cubic yards) that will be remediated	15					
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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 523323

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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.)		
Yes		
fEEM0112340644 R360 ARTESIA LLC LANDFARM		
Not answered.		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Brittany Esparza
Title: Environmental Technician
Email: brittany.Esparza@ConocoPhillips.com

Date: 11/05/2025

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.

Released to Imaging: 12/1/2025 11:05:08 AM

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QUESTIONS, Page 5

Action 523323

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	

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

Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 523323

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded 512335	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/08/2025
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	127

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	127	
What was the total volume (cubic yards) remediated	15	
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: 11/05/2025

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 7

Action 523323

QUESTIONS (continued)

Operator: COG OPERATING LLC	OGRID: 229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	127
What was the total volume of replacement material (in cubic yards) for this site	15
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	10/17/2025
Summarize any additional reclamation activities not included by answers (above)	NA
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 repor	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng 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: 11/05/2025

General Information Phone: (505) 629-6116

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QUESTIONS, Page 8

Action 523323

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission	No	
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.		

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CONDITIONS

Action 523323

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	523323
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	12/1/2025