District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural **Resources Department**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Page 1 of 124

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Longitude

Latitude	Longitude
	(NAD 83 in decimal degrees to 5 decimal places)
C' NI	Q:4. T

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

Page	2
B-	_

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
Yes No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

The source of the release has been stopped.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.

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.

Printed Name	Title:
Signature: _ Partane Espange	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

Conference of the second secon	: 4/2/2) Length (ft.)	024 8:5 Width (ft.)	8:02 AM Average Depth (in.)	On/Off Pad (dropdow n)	Soil Spilled-Fluid Saturation (%.)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	65.0	35.0	0.2	On-Pad~	10.50%	6.75	0.71
Rectangle B	1			~		0.00	
Rectangle C			1	~		0.00	
Rectangle D				~		0.00	
Rectangle E				~		0.00	
Rectangle F	11		· · · · · · · · · · · · · · · · · · ·	~		0.00	
Rectangle G				~		0.00	
Rectangle H				~		0.00	
Rectangle I	[]]			~		0.00	
Released to Imag	ing: 5/	7/2024	1:23:19	PM ~		0.00	
					Total Sul	bsurface Volume Released:	0.7087

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SITE INFORMATION

Closure Report Coonskin Fee 28D CTB (02.18.24) Lea County, New Mexico Incident ID: NAPP2404951211 Unit D Sec 28 T24S R35E 32.1956°, -103.3779°

Crude Oil Release Point of Release: Equipment Failure Release Date: 02.18.24 Volume Released: 1 Barrel 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 S

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



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1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

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FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION		
APPENDICES					
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APPENDIX D	SITE CHARACTERIZAT	ION AND GROUNDW	ATER		

APPENDIX E LABORATORY REPORTS



March 29, 2024

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

Re: Closure Report Coonskin Fee 28D CTB (02.18.24) Concho Operating, LLC Incident ID: NAPP2404951211 Site Location: Unit D, S28, T24S, R35E (Lat 32.1956°, Long -103.3779°) 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 activities for the Coonskin Fee 28D CTB (02.18.24). The site is located at 32.1956°, -103.3779° within Unit D, S28, T24S, and R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 18, 2024, due to equipment failure resulting in a fire. It resulted in approximately one (1) barrel of crude oil being released and zero (0) barrels of crude oil being recovered. The impacted area occurred on the pad, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is approximately 1.92 miles Northeast of the site in S15, T24S, R35E and was drilled in 1976. The well has a reported depth to groundwater of 9.83 feet below the ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On February 26, 2024, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) vertical sample points (S-1 through S-3) and four (4) horizontal sample points (H-1 through H-4) were advanced to depths ranging from the surface to 1.0' bgs inside the release area to assess the vertical and horizontal extent. Carmona Resources did not sample near the base of the flare in the heavy stained area. See Figure 3 for the sample locations. For chemical analysis, the soil samples

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



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. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD web portal on March 7, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of eight (8) confirmation floor samples (CS-1 through CS-8) and ten (10) sidewall samples (SW-1 through SW-10) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. Refer to Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

Approximately 40 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests the closure of the release. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona Environmental Manager

Conner Moehring Sr. Project Manager













APPENDIX A



Table 1 COG Operating Coonskin Fee 28D CTB (02.18.24) Lea County, New Mexico

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	2/26/2024	0-0.25	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	85.3
S-1	"	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	95.6
	"	1.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	163
	2/26/2024	0-0.25	<50.0	97.6	<50.0	97.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	209
S-2	"	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	< 0.00200	<0.00200	<0.00399	<0.00399	232
	"	1.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
	2/26/2024	0-0.25	<50.1	50.2	<50.1	50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	115
S-3	"	0.5	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	81.2
	"	1.0	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	97.3
H-1	2/26/2024	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	85.0
H-2	2/26/2024	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	130
H-3	2/26/2024	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.0
H-4	2/26/2024	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.1
	ory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons ft-feet

(S) Sample Point

(H) Horizontal Sample

•

Table 2 **COG Operating** Coonskin Fee 28D CTB (02.18.24) Lea County, New Mexico

Ocumula ID	Data	Denth (64)		TPH	l (mg/kg)	-	Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	3/12/2024	0.5	<10.0	15.6	<10.0	15.6	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-2	3/12/2024	0.5	<10.0	55.0	<10.0	55.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-3	3/12/2024	0.5	<10.0	72.9	15.3	88.2	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-8	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-1	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-6	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	3/12/2024	0.5	<10.0	11.6	<10.0	11.6	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-9	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-10	3/12/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Battle Axe Pit	3/12/2024	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	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

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B



PHOTOGRAPHIC LOG

COG Operating



PHOTOGRAPHIC LOG

COG Operating

Photograph I	No. 4	NE E SE S 30 60 90 120 150 50 221 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
Facility:	Coonskin Fee 28D CTB (02.18.24)	© 117°SE (T) LAT: 32.196144 LON: -103.377251 ±13ft ▲ 3315ft
County:	Lea County, New Mexico	
Description: View Southeast	t, area of CS-7 and CS-8	CDG Caonskin 28D.CTB



APPENDIX C



District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

QUESTIONS

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Action 315330

QUESTIONS

Operator:	OGRID		
	229137		
600 W Illinois Ave Midland, TX 79701	Action Number:		
	315330 Action Type:		
	[NOTIFY] Notification Of Release (NOR)		
QUESTIONS			
Location of Release Source			
Please answer all the questions in this group.			
Site Name	Coonskin Fee 28D CTB		
Date Release Discovered	02/18/2024		
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			
Nature and volume of Release Material(s) released, please answer all that apply below. Any calculations or specific justifications f	for the valumes provided should be attached to the follow up C 141 submission		
Crude Oil Released (bbls) Details	Cause: Other Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.		
Produced Water Released (bbls) Details	Not answered.		
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.		
Condensate Released (bbls) Details	Not answered.		
Natural Gas Vented (Mcf) Details	Not answered.		
Natural Gas Flared (Mcf) Details	Not answered.		
Other Released Details	Not answered.		
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.		

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 315330

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QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	315330
	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	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, the fire burned itself out. the release was confined to the well pad directly under the flare.
	tion immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Operator		OGRID:
	COG OPERATING LLC	229137
	600 W Illinois Ave	Action Number:
	Midland, TX 79701	315330
		Action Type:
		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\checkmark}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
M	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.
	l 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.
V	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
M	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.

Action 315330

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	315330
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	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.	2/18/2024

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Action 315330

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

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QUESTIONS

Action 321346

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	321346
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2404951211
Incident Name	NAPP2404951211 COONSKIN FEE 28D CTB @ 0
Incident Type	Oil Release
Incident Status	Notification Accepted
Incident Facility	[fAPP2135130341] Coonskin Fee 28D Battery

Location of Release Source

Site Name	Coonskin Fee 28D CTB
Date Release Discovered	02/18/2024
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.
--

Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,500
What is the estimated number of samples that will be gathered	18
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/12/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	At the intersection of NM 128 and an unnamed lease road (located at GPS 32.181715°, -103.398503°), travel north for 0.90 miles and turn right on the unnamed lease road. Travel east for 1.18 miles and turn left into the pad entrance. The area of concern is located on the NE end of the pad. GPS coordinates 32.196054°, -103.377192°.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	321346
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Create By	d Condition	Condition Date
jlaird	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/7/2024

Action 321346

APPENDIX D







180' - Drilled 2023

Coonskin Fee 28D CTB (02.18.2024)

-

138.58' - Drilled 1970

Google Earth Released to Imaging: 5/7/2024 1:23:19 PM

Legend

- locitie Radius
- 跪 1.92 Miles
- 🍰 2.23 Miles
- 🍰 2.23 Miles
- Coonskin Fee 28D CTB (02.18.2024)

Page 27 of 124

- NMSEO Water Well
- USGS Water Well



Coonskin Fee 28D CTB (02.18.2024)



Legend





• Coonskin Fee 28D CTB (02.18.2024)



1 mi



(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)	· · ·					2=NE 3 st to lar	3=SW 4= gest)) AD83 UTM in me	eters)	(In feet)	
POD Number	POD Sub- Code basin Co		Q C 64 1			Tws	Rng		x	Y	Distance	-	Depth Water	Water Columr
CP 00839 POD1	CP	LE	4	13	30	24S	35E	6500	17	3561833* 😜	3208	175		
<u>C 04682</u>	С	LE	4 4	12	25	24S	34E	6493	49	3562621 🌍	3593	290	180	11(
										Avera	ge Depth to	Water:	180	feet
											Minimum	Depth:	180	feet
											Maximum	Depth:	180	feet
Record Count: 2														

UTMNAD83 Radius Search (in meters):

Easting (X): 652882

Northing (Y): 3563278

Radius: 4000

*UTM location was derived from PLSS - see Help

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

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USGS Groundwater for New Mexico: Water Levels -- 1 sites

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321249103211101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321249103211101 24S.35E.15.234

Lea County, New Mexico Latitude 32°12'49", Longitude 103°21'11" NAD27 Land-surface elevation 3,346 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. **Output formats**

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source o measuro
1968-06-12		D	62610		3343.04	NGVD29	1	Z		
1968-06-12		D	62611		3344.55	NAVD88	1	Z		
1968-06-12		D	72019	1.45			1	Z	1	
1970-12-09		D	62610		3338.22	NGVD29	1	Z		
1970-12-09		D	62611		3339.73	NAVD88	1	Z	1	
1970-12-09		D	72019	6.27			1	Z	1	
1976-01-16		D	62610		3334.66	NGVD29	1	Z		
1976-01-16		D	62611		3336.17	NAVD88	1	Z		
1976-01-16		D	72019	9.83			1	Z	1	

Explanation						
Section	Code	Description				
Water-level date-time accuracy	D	Date is accurate to the Day				
Parameter code	62610	Groundwater level above NGVD 1929, feet				

Regeived by OCD: 4/2/2024 8:58:02 AM

USGS Groundwater for New Mexico: Water Levels -- 1 sites

Page 31 of 124

52611	Groundwater level above NAVD 1988, feet
72019	Depth to water level, feet below land surface
AVD88	North American Vertical Datum of 1988
GVD29	National Geodetic Vertical Datum of 1929
1	Static
Z	Other.
	Not determined
	Not determined
А	Approved for publication Processing and review completed.
	72019 AVD88 GVD29 1 Z

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

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2024-02-20 16:48:34 EST 0.29 0.25 nadww02 USA.gov



New Mexico Office of the State Engineer **Point of Diversion Summary**

		· •	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UT		
Well Tag POI) Number	Q64 Q1	6 Q4	Sec	Tws	Rng	Х	Y	
NA C (04682	4 4	2	25	24S	34E	649349	3562621 🧲)
Driller License:	1058	Driller Co	mpar	ny:	KE	Y'S DRI	ILLING & P	UMP SERVI	CE
Driller Name:	GARY KEY								
Drill Start Date:	12/20/2022	Drill Finis	sh Dat	te:	0	1/18/202	23 Plu	g Date:	01/18/2023
Log File Date:	02/08/2023	PCW Rcv	Date	:			Sou	irce:	Shallow
Pump Type:		Pipe Discl	narge	Size:	:		Est	imated Yield	1: 3 GPM
Casing Size:	4.50	Depth We	11:		2	90 feet	De	pth Water:	180 feet
Wat	er Bearing Stratif	ications:	To	op 1	Bottom	Desci	ription		
			15	57	270	Sands	stone/Gravel	Conglomerat	te
ĸ	Casing Per	forations:	Та	op l	Bottom	l			
			16	50	290)			

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.

2/20/24 2:46 PM

POINT OF DIVERSION SUMMARY

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USGS Groundwater for New Mexico: Water Levels -- 1 sites

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Science for a changing work

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321039103243401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321039103243401 24S.35E.30.34233

Lea County, New Mexico Latitude 32°10'39", Longitude 103°24'34" NAD27 Land-surface elevation 3,343 feet above NAVD88 The depth of the well is 176 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Chinle Formation (231CHNL) local aquifer.

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measure
1953-11-27		D	62610		3201.89	NGVD29	1	Z		
1953-11-27		D	62611		3203.44	NAVD88	1	Z		
1953-11-27		D	72019	139.56			1	Z		
1965-11-02		D	62610		3200.46	NGVD29	1	Z		
1965-11-02		D	62611		3202.01	NAVD88	1	Z		
1965-11-02		D	72019	140.99			1	Z		
1968-06-12		D	62610		3200.93	NGVD29	1	Z		
1968-06-12		D	62611		3202.48	NAVD88	1	Z		
1968-06-12		D	72019	140.52			1	Z		
1970-12-08		D	62610		3202.87	NGVD29	1	Z		
1970-12-08		D	62611		3204.42	NAVD88	1	Z		
1970-12-08		D	72019	138.58			1	Z		

.

Regeived by OGD: 4/2/2024 8:58:02 AM

USGS Groundwater for New Mexico: Water Levels -- 1 sites

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

Explanation

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 U.S. Department of the Interior
 U.S. Geological Survey

 Title: Groundwater for New Mexico: Water Levels

 URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2024-02-20 16:44:27 EST 0.34 0.31 nadww01



FEMA National Flood Hazard Layer (NFHL)



FEMA flood layer

300ft

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Coonskin Fee 28D CTB (02.18.2024)



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

New Mexico Oil Conservation Division
APPENDIX E





Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 3/4/2024 2:58:42 PM

JOB DESCRIPTION

Coonskin Fee 28D CTB Flare Fire (02.18.24) Lea County, New Mexico

JOB NUMBER

880-40071-1

RT Ona ces II St 500 701

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

See page two for job notes and contact information



Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 3/4/2024 2:58:42 PM

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

SDG: Lea County, New Mexico

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QC Sample Results	15
QC Association Summary	20
Lab Chronicle	23
Certification Summary	26
Method Summary	27
Sample Summary	28
Chain of Custody	29
	30

Definitions/Glossary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Surrogate recovery exceeds control limits, high biased.

Indicates the analyte was analyzed for but not detected.

Qualifiers

Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	4
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
S1-	Surrogate recovery exceeds control limits, low biased.	5
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	6
GC Semi VOA		
Qualifier	Qualifier Description	7
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
*1	LCS/LCSD RPD exceeds control limits.	8

HPLC/IC

U

Qualifier *+ *1 S1+

Qualifier

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 Job ID: 880-40071-1

SDG: Lea County, New Mexico

Case Narrative

Client: Carmona Resources Project: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40071-1

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Job ID: 880-40071-1

Job Narrative 880-40071-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 2/28/2024 2:05 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 -1.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-0.25') (880-40071-1), S-1 (0.5') (880-40071-2), S-1 (1.0') (880-40071-3), S-2 (0-0.25') (880-40071-4), S-2 (0.5') (880-40071-5), S-2 (1.0') (880-40071-6), S-3 (0-0.25') (880-40071-7), S-3 (0.5') (880-40071-8) and S-3 (1.0') (880-40071-9).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (1.0') (880-40071-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (0.5') (880-40071-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The method blank for preparation batch 880-74188 and 880-74361 and analytical batch 880-74315 contained Benzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-74361 and analytical batch 880-74315 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-74398 and analytical batch 880-74445 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-74398/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-74398 and analytical batch 880-74445 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-74398 and analytical batch 880-74445 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-74445 recovered above the upper

Case Narrative

Client: Carmona Resources Project: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Job ID: 880-40071-1 (Continued)

Job ID: 880-40071-1

Eurofins Midland

control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-74445/20).

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: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: S-1 (0-0.25') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/29/24 12:21	03/01/24 03:39	
Toluene	<0.00198	U	0.00198		mg/Kg		02/29/24 12:21	03/01/24 03:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/29/24 12:21	03/01/24 03:39	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		02/29/24 12:21	03/01/24 03:39	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		02/29/24 12:21	03/01/24 03:39	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		02/29/24 12:21	03/01/24 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				02/29/24 12:21	03/01/24 03:39	1
1,4-Difluorobenzene (Surr)	80		70 - 130				02/29/24 12:21	03/01/24 03:39	1
Method: TAL SOP Total BTEX - T									
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/24 03:39	1
Method: SW846 8015 NM - Diese									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fotal TPH	<50.5	U	50.5		mg/Kg			03/01/24 12:37	1
Method: SW846 8015B NM - Dies			1						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics GRO)-C6-C10	<50.5	U	50.5		mg/Kg		02/29/24 15:18	03/01/24 12:37	1
Diesel Range Organics (Over C10-C28)	<50.5	U *+ *1	50.5		mg/Kg		02/29/24 15:18	03/01/24 12:37	1
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/29/24 15:18	03/01/24 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				02/29/24 15:18	03/01/24 12:37	1
o-Terphenyl	94		70 - 130				02/29/24 15:18	03/01/24 12:37	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	9						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		4.96		mg/Kg			02/29/24 10:48	1
lient Sample ID: S-1 (0.5')							Lab Sam	ple ID: 880-4	0071-2
ate Collected: 02/26/24 00:00								Matri	x: Solid
ate Received: 02/28/24 14:05									
	Organic Comp	ounds (GC)							
Method: SW846 8021B - Volatile	organic comp								
	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •		RL 0.00200	MDL	Unit mg/Kg	D	Prepared 02/29/24 12:21	Analyzed 03/01/24 03:59	Dil Fac
Method: SW846 8021B - Volatile Analyte Benzene Toluene	Result	U		MDL		<u>D</u>			



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Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-1

Matrix: Solid

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

5

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Client Sample ID: S-1 (0.5')

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/01/24 03:59	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/01/24 12:59	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/29/24 15:18	03/01/24 12:59	1
GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U *+ *1	49.9		mg/Kg		02/29/24 15:18	03/01/24 12:59	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/29/24 15:18	03/01/24 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				02/29/24 15:18	03/01/24 12:59	1
p-Terphenyl	77		70 - 130				02/29/24 15:18	03/01/24 12:59	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.6		4.98		mg/Kg			02/29/24 10:56	1
lient Sample ID: S-1 (1.0')								ple ID: 880-4	

Date Received: 02/28/24 14:05

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00199 U 0.00199 02/29/24 12:21 03/01/24 04:20 mg/Kg 1 02/29/24 12:21 Toluene <0.00199 U 0.00199 03/01/24 04:20 mg/Kg 1 Ethylbenzene <0.00199 U 0.00199 02/29/24 12:21 03/01/24 04:20 mg/Kg 1 <0.00398 U*+ 02/29/24 12:21 m-Xylene & p-Xylene 0.00398 mg/Kg 03/01/24 04:20 1 o-Xylene <0.00199 U*+ 0.00199 mg/Kg 02/29/24 12:21 03/01/24 04:20 1 Xylenes, Total <0.00398 U*+ 0.00398 02/29/24 12:21 03/01/24 04:20 mg/Kg 1 %Recovery Qualifier Limits Prepared Analyzed Dil Fac Surrogate 70 - 130 02/29/24 12:21 03/01/24 04:20 4-Bromofluorobenzene (Surr) 80 1 1,4-Difluorobenzene (Surr) 76 70 - 130 02/29/24 12:21 03/01/24 04:20 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/24 04:20	1
Method: SW846 8015 NM - Dies	sel Range Organ	ics (DRO) (C	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/01/24 13:42	1
	acal Panga Orga	nics (DRO)	(GC)						
Method: SW846 8015B NM - Di	esei Kaliye Orya								
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier	• •	MDL	Unit mg/Kg	D	Prepared 02/29/24 15:18	Analyzed 03/01/24 13:42	Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier		MDL		<u> </u>	<u> </u>		Dil Fac
Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.7	Qualifier		MDL		<u> </u>	<u> </u>		Dil Fac 1

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Lab Sample ID: 880-40071-2 Matrix: Solid

Released to Imaging: 5/7/2024 1:23:19 PM

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Matrix: Solid

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-3

Client Sample ID: S-1 (1.0')

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/29/24 15:18	03/01/24 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/29/24 15:18	03/01/24 13:42	1
	74 Chromatograp	hy - Solubl	70 ₋ 130 e				02/29/24 15:18	03/01/24 13:42	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl Qualifier		MDL	Unit	D	02/29/24 15:18 Prepared	03/01/24 13:42 Analyzed	Dil Fac
Method: EPA 300.0 - Anions, Ion Analyte	Chromatograp	-	e	MDL	Unit mg/Kg	D			Dil Fac
Method: EPA 300.0 - Anions, Ion Analyte Chloride	Chromatograp Result 163	-	e	MDL		D	Prepared	Analyzed	1
o-Terphenyl Method: EPA 300.0 - Anions, Ion Analyte Chloride Client Sample ID: S-2 (0-0.2 Pate Collected: 02/26/24 00:00	Chromatograp Result 163	-	e	MDL		<u> </u>	Prepared	Analyzed 02/29/24 11:04 ple ID: 880-4	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/29/24 12:21	03/01/24 04:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/29/24 12:21	03/01/24 04:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/29/24 12:21	03/01/24 04:40	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		02/29/24 12:21	03/01/24 04:40	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		02/29/24 12:21	03/01/24 04:40	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		02/29/24 12:21	03/01/24 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/29/24 12:21	03/01/24 04:40	1
1,4-Difluorobenzene (Surr)	71		70 - 130				02/29/24 12:21	03/01/24 04:40	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	_		03/01/24 04:40	1

	Method: SW846 8015 NM - Diesel F	Range Organ	ics (DRO) (0	GC)						
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total TPH	97.6		50.0		mg/Kg			03/01/24 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/29/24 15:18	03/01/24 14:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	97.6	*+ *1	50.0		mg/Kg		02/29/24 15:18	03/01/24 14:04	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/29/24 15:18	03/01/24 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/29/24 15:18	03/01/24 14:04	1
o-Terphenyl	86		70 - 130				02/29/24 15:18	03/01/24 14:04	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		5.00		mg/Kg			02/29/24 11:12	1

Client Sample Results

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: S-2 (0.5') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/29/24 12:21	03/01/24 05:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/29/24 12:21	03/01/24 05:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/29/24 12:21	03/01/24 05:01	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		02/29/24 12:21	03/01/24 05:01	
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		02/29/24 12:21	03/01/24 05:01	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		02/29/24 12:21	03/01/24 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				02/29/24 12:21	03/01/24 05:01	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130				02/29/24 12:21	03/01/24 05:01	1
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/24 05:01	1
Method: SW846 8015 NM - Diese									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/01/24 14:26	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/29/24 15:18	03/01/24 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	49.9		mg/Kg		02/29/24 15:18	03/01/24 14:26	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/29/24 15:18	03/01/24 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/29/24 15:18	03/01/24 14:26	1
o-Terphenyl	75		70 - 130				02/29/24 15:18	03/01/24 14:26	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		4.99		mg/Kg			02/29/24 11:45	1
lient Sample ID: S-2 (1.0')							Lab Sam	ple ID: 880-4	0071-6
ate Collected: 02/26/24 00:00								Matri	ix: Solid
ate Received: 02/28/24 14:05									
Method: SW846 8021B - Volatile									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199		mg/Kg		02/29/24 12:21	03/01/24 05:21	1
Delizerie	0.00100				5.2				
Toluene	<0.00199		0.00199		mg/Kg		02/29/24 12:21	03/01/24 05:21	1

m-Xylene & p-Xylene	<0.00398	U *+	0.00398	mg/Kg	02/29/24 12:21	03/01/24 05:21	1
o-Xylene	<0.00199	U *+	0.00199	mg/Kg	02/29/24 12:21	03/01/24 05:21	1
Xylenes, Total	<0.00398	U *+	0.00398	mg/Kg	02/29/24 12:21	03/01/24 05:21	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	<u>%Recovery</u> 89	Qualifier	Limits 70 - 130		Prepared 02/29/24 12:21	Analyzed 03/01/24 05:21	Dil Fac 1

Eurofins Midland

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Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-5

Matrix: Solid

5

Released to Imaging: 5/7/2024 1:23:19 PM

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Matrix: Solid

5

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-6

Client Sample ID: S-2 (1.0')

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/24 05:21	1
- Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			03/01/24 14:48	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.6	U	49.6		mg/Kg		02/29/24 15:18	03/01/24 14:48	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.6	U *+ *1	49.6		mg/Kg		02/29/24 15:18	03/01/24 14:48	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/29/24 15:18	03/01/24 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	92		70 - 130				02/29/24 15:18	03/01/24 14:48	
o-Terphenyl	78		70 - 130				02/29/24 15:18	03/01/24 14:48	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.05		mg/Kg			02/29/24 11:53	1
Client Sample ID: S-3 (0-0.2	5')						Lab Sam	ple ID: 880-4	0071-7
ate Collected: 02/26/24 00:00	-							Matri	x: Solic
ate Received: 02/28/24 14:05									

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/29/24 12:21	03/01/24 05:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/29/24 12:21	03/01/24 05:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/29/24 12:21	03/01/24 05:41	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		02/29/24 12:21	03/01/24 05:41	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		02/29/24 12:21	03/01/24 05:41	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		02/29/24 12:21	03/01/24 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				02/29/24 12:21	03/01/24 05:41	1
1,4-Difluorobenzene (Surr)	77		70 - 130				02/29/24 12:21	03/01/24 05:41	1

Method: TAL SOP Total BTEX - 1	Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/24 05:41	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (C	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.2		50.1		mg/Kg			03/01/24 15:10	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		02/29/24 15:18	03/01/24 15:10	1
(GRO)-C6-C10									
Diesel Range Organics (Over	50.2	*+ *1	50.1		mg/Kg		02/29/24 15:18	03/01/24 15:10	1
C10-C28)									

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-0.25')

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Client: Carmona Resources

Method: SW846 8015B NM - Dies		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Oll Range Organics (Over C28-C36)	Kesuit <50.1			WIDL		<u> </u>	02/29/24 15:18	03/01/24 15:10	
On Mange Organics (Over 626-636)	~ 50.1	0	50.1		mg/Kg		02/29/24 15.16	03/01/24 15.10	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	107		70 - 130				02/29/24 15:18	03/01/24 15:10	
o-Terphenyl	89		70 - 130				02/29/24 15:18	03/01/24 15:10	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Soluble)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	115		4.97		mg/Kg			02/29/24 04:10	
lient Sample ID: S-3 (0.5')							Lab Sam	ple ID: 880-4	0071-
Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05								Matri	ix: Soli
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		02/29/24 12:21	03/01/24 06:02	
Toluene	<0.00201	U	0.00201		mg/Kg		02/29/24 12:21	03/01/24 06:02	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/29/24 12:21	03/01/24 06:02	
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		02/29/24 12:21	03/01/24 06:02	
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		02/29/24 12:21	03/01/24 06:02	
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		02/29/24 12:21	03/01/24 06:02	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	91		70 - 130				02/29/24 12:21	03/01/24 06:02	
1,4-Difluorobenzene (Surr)	78		70 - 130				02/29/24 12:21	03/01/24 06:02	
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/24 06:02	
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.1	U	50.1		mg/Kg			03/01/24 15:32	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/29/24 15:18	03/01/24 15:32	
Diesel Range Organics (Over C10-C28)	<50.1	U *+ *1	50.1		mg/Kg		02/29/24 15:18	03/01/24 15:32	
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/29/24 15:18	03/01/24 15:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	92		70 - 130				02/29/24 15:18	03/01/24 15:32	
o-Terphenyl	79		70 - 130				02/29/24 15:18	03/01/24 15:32	
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Soluble	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	81.2		4.96		mg/Kg			02/29/24 04:28	

Lab Sample ID: 880-40071-7 Matrix: Solid

Client Sample Results

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: S-3 (1.0')

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/29/24 12:21	03/01/24 06:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/29/24 12:21	03/01/24 06:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/29/24 12:21	03/01/24 06:22	1
m-Xylene & p-Xylene	<0.00403	U *+	0.00403		mg/Kg		02/29/24 12:21	03/01/24 06:22	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		02/29/24 12:21	03/01/24 06:22	1
Xylenes, Total	<0.00403	U *+	0.00403		mg/Kg		02/29/24 12:21	03/01/24 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				02/29/24 12:21	03/01/24 06:22	1
1,4-Difluorobenzene (Surr)	74		70 - 130				02/29/24 12:21	03/01/24 06:22	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	-0.00402		0.00403					03/01/24 06:22	1
Total BTEX	<0.00403	0	0.00403		mg/Kg			03/01/24 00.22	1
					mg/Kg			03/01/24 00.22	I
Method: SW846 8015 NM - Diese	el Range Organ			MDL		D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte	el Range Organ	<mark>ics (DRO) (</mark> Qualifier	GC)	MDL		<u>D</u>	Prepared		·
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <50.2	<mark>ics (DRO) (</mark> Qualifier U	GC) 	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ 	<mark>ics (DRO) (</mark> Qualifier U	GC) 	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	el Range Organ 	ics (DRO) (Qualifier U nics (DRO) Qualifier	GC) <u>RL</u> 50.2		Unit mg/Kg		<u>.</u>	Analyzed 03/01/24 15:53	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ <u>Result</u> <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	ics (DRO) (Qualifier U nics (DRO) Qualifier	GC) 		Unit mg/Kg Unit		Prepared	Analyzed 03/01/24 15:53 Analyzed	Dil Fac 1 Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ <u>Result</u> <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+ *1	GC) <u>RL</u> 50.2 (GC) <u>RL</u> 50.2		Unit mg/Kg Unit mg/Kg		Prepared 02/29/24 15:18	Analyzed 03/01/24 15:53 Analyzed 03/01/24 15:53	1 1 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ <u>Result</u> <pre><sol></sol></pre> <pre><sol></sol></pre> <pre><sol></sol></pre> <pre><sol></sol></pre> <pre><sol></sol></pre> <pre><sol></sol></pre> <pre><sol></sol></pre> <pre></pre>	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+ *1 U	GC) <u>RL</u> 50.2 (GC) <u>RL</u> 50.2 50.2		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/29/24 15:18 02/29/24 15:18	Analyzed 03/01/24 15:53 Analyzed 03/01/24 15:53 03/01/24 15:53	Dil Fac 1 Dil Fac 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	el Range Organ <u>Result</u> <50.2 Sel Range Orga Result <50.2 <50.2 <50.2	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+ *1 U	GC) <u>RL</u> 50.2 (GC) <u>RL</u> 50.2 50.2 50.2		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/29/24 15:18 02/29/24 15:18 02/29/24 15:18	Analyzed 03/01/24 15:53 Analyzed 03/01/24 15:53 03/01/24 15:53 03/01/24 15:53	1 1 1 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	el Range Organ Result <pre></pre> <pre></pre> <pre>Sel Range Orga </pre> <pre>Sel Range Orga </pre> <pre> <pre></pre></pre>	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+ *1 U	GC) <u>RL</u> 50.2 (GC) <u>RL</u> 50.2 50.2 50.2 50.2 <u>Limits</u>		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/29/24 15:18 02/29/24 15:18 02/29/24 15:18 02/29/24 15:18 Prepared	Analyzed 03/01/24 15:53 Analyzed 03/01/24 15:53 03/01/24 15:53 03/01/24 15:53 Analyzed	
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	el Range Organ 	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+ *1 U Qualifier	GC) RL 50.2 (GC) RL 50.2 50.2 50.2 50.2 <u>Limits</u> 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/29/24 15:18 02/29/24 15:18 02/29/24 15:18 Prepared 02/29/24 15:18	Analyzed 03/01/24 15:53 Analyzed 03/01/24 15:53 03/01/24 15:53 03/01/24 15:53 Analyzed 03/01/24 15:53	Dil Fac 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion Analyte	Range Organ Result <50.2	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+ *1 U Qualifier	GC) RL 50.2 (GC) RL 50.2 50.2 50.2 50.2 <u>Limits</u> 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/29/24 15:18 02/29/24 15:18 02/29/24 15:18 Prepared 02/29/24 15:18	Analyzed 03/01/24 15:53 Analyzed 03/01/24 15:53 03/01/24 15:53 03/01/24 15:53 Analyzed 03/01/24 15:53	Dil Fac 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-9

Matrix: Solid

5

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Released to Imaging: 5/7/2024 1:23:19 PM

Surrogate Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-39974-A-1-B MS	Matrix Spike	124	110	
380-39974-A-1-C MSD	Matrix Spike Duplicate	123	110	
380-40071-1	S-1 (0-0.25')	86	80	
380-40071-2	S-1 (0.5')	90	75	
880-40071-3	S-1 (1.0')	80	76	
80-40071-4	S-2 (0-0.25')	87	71	
80-40071-5	S-2 (0.5')	90	62 S1-	
80-40071-6	S-2 (1.0')	89	62 S1-	
80-40071-7	S-3 (0-0.25')	93	77	
80-40071-8	S-3 (0.5')	91	78	
80-40071-9	S-3 (1.0')	97	74	
CS 880-74361/1-A	Lab Control Sample	140 S1+	97	
CSD 880-74361/2-A	Lab Control Sample Dup	117	80	
IB 880-74188/5-A	Method Blank	71	96	
MB 880-74361/5-A	Method Blank	71	96	
Surrogate Legend				
BFB = 4-Bromofluorober	()			
DFBZ = 1,4-Difluorobenz	zene (Surr)			

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

Percent Surrogate Recovery (Acceptance Limits) 1CO1 OTPH1 (70-130) (70-130) Lab Sample ID **Client Sample ID** 880-40068-A-1-H MS Matrix Spike 97 76 880-40068-A-1-I MSD Matrix Spike Duplicate 100 81 880-40071-1 S-1 (0-0.25') 113 94 880-40071-2 S-1 (0.5') 92 77 880-40071-3 88 74 S-1 (1.0') 880-40071-4 S-2 (0-0.25') 98 86 880-40071-5 S-2 (0.5') 90 75 880-40071-6 S-2 (1.0') 92 78 880-40071-7 S-3 (0-0.25') 107 89 880-40071-8 S-3 (0.5') 92 79 880-40071-9 S-3 (1.0') 97 84 LCS 880-74398/2-A Lab Control Sample 155 S1+ 159 S1+ LCSD 880-74398/3-A Lab Control Sample Dup 105 102 MB 880-74398/1-A Method Blank 160 S1+ 148 S1+ Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Job ID: 880-40071-1 SDG: Lea County, New Mexico

Prep Type: Total/NA

Prep Type: Total/NA

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Method: 8021B - Volatile Organic Compounds (GC)

Berteme 0 0.00200 mg/kg 0.027/24 14.07 0.028/24 11:56 Tolume 0.00200 0 0.00200 mg/kg 0.027/24 14.07 0.028/24 11:56 Etrybenzene 0.00200 0 0.00200 mg/kg 0.0277/24 14.07 0.028/24 11:56 mx.Yene & p.Xyene 0.00200 0 0.00200 mg/kg 0.2277/24 14.07 0.228/24 11:56 Xyenes, Total 0.00200 mg/kg 0.2277/24 14.07 0.228/24 11:56 Surrogate 0.00200 mg/kg 0.2277/24 14.07 0.228/24 11:56 Surrogate 0.02200 mg/kg 0.2277/24 14.07 0.228/24 11:56 Lab Sample ID: MB 806/74361/5-A Client Sample ID: Malyzed	Lab Sample ID: MB 880-74188/5 Matrix: Solid Analysis Batch: 74315										Client Sa	imple ID: Meth Prep Type Prep Bat	
Beresene 0.00200 mg/kg 0.0227/24 14.07 0.0229/24 11:56 Entynbenzone 0.00200 mg/kg 0.0227/24 14.07 0.0229/24 11:56 Entynbenzone 0.00200 0.00200 mg/kg 0.0227/24 14.07 0.0229/24 11:56 mx-Xjene & p-Xjene 0.00200 0.00200 mg/kg 0.0277/24 14.07 0.0229/24 11:56 Surgers 0.00200 0.00200 mg/kg 0.0277/24 14.07 0.0229/24 11:56 Surgers 0.02200 mg/kg 0.0277/24 14.07 0.0229/24 11:56 Surgers 0.0277/24 14.07 0.0229/24 11:56 Surgers <													
Loune -0.00200 mgKg 0.022724 14.07 0.022024 11:56 Ethythonzono -0.00200 0.00200 mgKg 0.022724 14.07 0.222124 11:56 extytene & -0.00200 0.00200 mgKg 0.227274 14.07 0.222124 11:56 Sylenes, Total -0.00200 0.00200 mgKg 0.22772 14.07 0.223224 11:56 Surrogate MB MB MB MB MB Managed 0.22772 14.07 0.22324 11:56 Surrogate %Recovery Qualifier Tot.130 Pergared Analyced 0.22772 14.07 0.22372 14.07 0.22372 14.07 0.22372 14.07 0.22372 14.07 0.22372 14.07 0.22372 14.07 0.22372 11.56 Surrogate %Recovery Qualifier Linits Pergared Analyced						MDL			<u>D</u>		·		Dil Fac
Ethylenxono <0.00200 mg/kg 0.22724 14.07 0.22024 11.56 m-Xylene & p-Xylene <0.00000													1
Markylene <0.00400 mg/kg 0.027/124 14.07 0.0228/24 11:56 ox/ylenes <0.00200	Toluene	<0.00200	U	0.00200			mg/Kg			02/27	/24 14:07	02/29/24 11:56	1
c-Xylene <0.00200 mgKg 0.277/24 14.07 0.2287/24 11.56 Xylene, Total MB MB MB Description Description <thdescription< th=""> Description Descri</thdescription<>	Ethylbenzene	<0.00200	U	0.00200			mg/Kg			02/27	/24 14:07	02/29/24 11:56	1
Xylenes, Total <0.00400 0.00400 mg/kg 0.0221724 14.07 0.0223724 11.56 MB MB Limits Prepared Analyzed	m-Xylene & p-Xylene	<0.00400	U	0.00400			mg/Kg			02/27	/24 14:07	02/29/24 11:56	1
NB MB MB Initial Propared Analyzed 4-Bromofluorobenzene (Surr) 71 70.130 2022724 14.07 0222924 11:56 1.4-Difluorobenzene (Surr) 96 70.130 0227274 14.07 022924 11:56 Lab Sample ID: MB 880-74361/5-A MB B Prop Type: TG Analyzed Prop Type: TG Analysis Batch: 74315 MB MB Client Sample ID: Method I Prop Type: TG Benzene <0.00200	o-Xylene	<0.00200	U	0.00200			mg/Kg			02/27	/24 14:07	02/29/24 11:56	1
Surrogate %Recovery Qualifier Limits Prepared Analyzed O222724 14.07 O222824 11:56 1.4-Diffuorbehnzene (Surr) 96 70.130 0227274 14.07 022824 11:56 0227274 14.07 022824 11:56 0227274 14.07 022824 11:56 0227274 14.07 022824 11:56 0227274 14.07 022824 11:56 0227274 14.07 022824 11:56 022824 11:56 022824 11:56 022824 11:56 022824 11:56 022824 11:56 022824 11:56 022824 11:56 022824 11:56 022824 12:21 022824 12:21 022824 22:31 022824 12:21 022824 22:31 022824 12:21 022824 22:3	Xylenes, Total	<0.00400	U	0.00400			mg/Kg			02/27	//24 14:07	02/29/24 11:56	1
H-Brannahuorobenzene (Surr) 71 70 <t< td=""><td></td><td>МВ</td><td>MB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		МВ	MB										
1.4-Difluorobenzene (Surr) 96 70.130 02/27/2/14:07 02/29/2/17:50 Lab Sample ID: MB 880-74361/5-A Matrix: Solid MB Client Sample ID: Method I Prop Batch: Prop Type: Tot Prop Batch: Analyte Result Quillifer RL MDL Unit D Prepared Analyzed Berzene <0.00200	Surrogate	%Recovery	Qualifier	Limits						Pr	epared	Analyzed	Dil Fac
Lab Sample ID: MB 880-74361/5-A Matrix: Solid Analysis Batch: 74315 MB MB Analyte Result Qualifier RL Analyte A0.00200 U 0.00200 mg/Kg 0/229/24 12:21 0/229/24 22:31 Toluene 40.00200 U 0.00200 mg/Kg 0/229/24 12:21 0/229/24 22:31 Toluene 40.00200 U 0.00200 mg/Kg 0/229/24 12:21 0/229/24 22:31 MB MB Surrogate 40.00200 U 0.00400 mg/Kg 0/229/24 12:21 0/229/24 22:31 MB MB Surgate 40.00400 U 0.00400 mg/Kg 0/229/24 12:21 0/229/24 22:31 MB MB Surgate 40.00400 U 0.00400 mg/Kg 0/229/24 12:21 0/229/24 22:31 MB MB Surgate 5/Kecovery Qualifier Limits 0/29/24 12:21 0/229/24 22:31 1.4-Difluorobenzene (Surr) 71 70.130 1.4-Difluorobenzene (Surr) 96 70.130 Client Sample ID: LCS 880-74361/1-A Matrix: Solid Analysis Batch: 74315 Toluene 0.100 0.1145 mg/Kg 106 70.130 Ethylbenzene 0.100 0.1057 mg/Kg 106 70.130 Client Sample ID: Lab Control Sa Nylene & Affecovery Qualifier Limits mg/Kg 114 70.130 o-Xylene 0.0100 0.1457 mg/Kg 106 70.130 LCS LCS Surgate 1/4 70.130 LCS LCS Surgate 1/4 70.130 LC	4-Bromofluorobenzene (Surr)	71		70 - 130						02/27	7/24 14:07	02/29/24 11:56	1
Matrix: Solid Analysis Batch: 74315 Prep Type: Tot Prep Batch: 74315 Prep Type: Tot Prep Batch: 74315 Analysis Batch: 74315 Result Qualifier RL MDL Unit D Prep Area Analyzed Analyzed Analyzed Qualifier RL MDL Unit D Prep Area Analyzed Analyzed Qualifier Qualifier RL MDL Unit D Prep Area Analyzed Qualifier Qualifier RL MDL Qualifier	1,4-Difluorobenzene (Surr)	96		70 - 130						02/27	7/24 14:07	02/29/24 11:56	1
Matrix: Solid Analysis Batch: 74315 Prep Type: Tot Prep Batch: 74315 Prep Type: Tot Prep Batch: 74315 Analyze Result Qualifier RL MDL Unit D Prepared Analyzed Analyzed Analyzed Output State D Output State Output State D Output State Analyzed Output State Outpu State Output State	- Lab Sample ID: MB 880-74361/5-	-A									Client Sa	mple ID: Meth	od Blank
Preg Batch: 74315 Preg Batch: 74 MB MB Analyte Result Qualifier RL MDL Unit D Pregared Analyzed Analyzed Benzene <0.00200													
MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Indication Benzene <0.00200													
Benzene < 0.00200 U 0.00200 mg/Kg 02/29/24 12:21 02/29/24 22:31 Toluene < 0.00200	,	МВ	МВ										
Benzene < 0.00200 U 0.00200 mg/Kg 02/29/24 12:21 02/29/24 22:31 Toluene < 0.00200	Analyte	Result	Qualifier	RL		MDL	Unit		D	Pr	epared	Analyzed	Dil Fac
Toluene <0.00200 U 0.00200 mg/kg 02/29/24 12:21 02/29/24 22:31 Ethylbenzene <0.00200									_		-		1
Ethylbenzene <0.00200 U 0.00200 mg/kg 02/29/24 12:21 02/29/24 22:31 m-Xylene & p-Xylene <0.00400													1
m-Xylene & p-Xylene <0.00400 mg/Kg 02/29/24 02/29/24 12:21 12:21 12:21 12:21 12:													1
o-Xylene <0.00200 U 0.00200 mg/Kg 02/29/24 12:21													
Xylenes, Total <0.00400 U 0.00400 mg/Kg 02/29/24 12.21 02/29/24 22.31 MB MB MB MB Imits To. 130 To. 130 D2/29/24													1
MB MB Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 71 70.130 02/29/24 12.21 02/29/24 22.31 1.4-Difluorobenzene (Surr) 96 70.130 02/29/24 12.21 02/29/24 22.31 Lab Sample ID: LCS 880-74361/1-A Client Sample ID: Lab Control Sa Matrix: Solid Prep Type: Tot Analyze Added Result Qualifier Unit D %Rec Merce Benzene 0.100 0.09633 mg/Kg 96 70.130 Prep Type: Tot Toluene 0.100 0.1057 mg/Kg 144 70.130 Prep Type: Tot m-Xylene & p-Xylene 0.100 0.1057 mg/Kg 144 70.130 Prep Type: Tot A-Bromofluorobenzene (Surr) 1/40 S1+ 70.130 Prep Type: Tot Prep Type: Tot A-Bromofluorobenzene (Surr) 1/40 S1 mg/Kg 144 70.130 Prep Type: Tot A-Bromofluorobenzene (Surr) 1/40 S1+ 70.130	•												1
Surrogate %Recovery Qualifier Limits Prepared Analyzed	Aylenes, Iolai			0.00400			mg/rtg			02/23	//24 12.21	02/29/24 22.51	I
4-Bromofluorobenzene (Surr) 71 70.130 02/29/24 12:21 02/29/24 22:31 1,4-Difluorobenzene (Surr) 96 70.130 02/29/24 12:21 02/29/24 22:31 Lab Sample ID: LCS 880-74361/1-A Client Sample ID: LCS 880-74361/1-A Client Sample ID: Lab Control Sa Analysis Batch: 74315 Spike LCS LCS Prep Type: Tot Analyte Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.09633 mg/Kg 96 70.130 Tot so Toluene 0.100 0.1057 mg/Kg 114 70.130 Tot so m-Xylene & p-Xylene 0.100 0.145 mg/Kg 114 70.130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70.130 surrogate %Recovery Qualifier Limits 21/27 70.130 1.4-Difluorobenzene (Surr) 140 51+ 70.130 70.130 144 70.130 1.4-Difluorobenzene (Surr) 97 <td< td=""><td>Surrogata</td><td></td><td></td><td>Limite</td><td></td><td></td><td></td><td></td><td></td><td>Dr</td><td>oparad</td><td>Analyzod</td><td>Dil Fac</td></td<>	Surrogata			Limite						Dr	oparad	Analyzod	Dil Fac
1.4-Diffuorobenzene (Surr) 96 70.130 02/29/24 12:21 02/29/24 12:21 02/29/24 22:31 Lab Sample ID: LCS 880-74361/1-A Matrix: Solid Client Sample ID: Lab Control Sample Analyte Client Sample ID: LCS 880-74361/1-A Matrix: Solid Prep Type: Tot Prep Batch: 7 Analyte Added Benzene 0.100 Toluene 0.100 0.100 0.09633 mg/Kg 106 70.130 70.130 Toluene 0.100 0.100 0.1057 mg/Kg 106 70.130 70.130 m-Xylene & p-Xylene 0.200 0.200 0.2879 0.100 0.1437 * mg/Kg 144 70.130 * Sit+ * 70.130 1.4-Difluorobenzene (Surr) 140 Sit+ 70.130 1.4-Difluorobenzene (Surr) 140 Sit+ 70.130 1.4-Difluorobenzene (Surr) 140 Sit+ 70.130 Lab Sample ID: LCSD 880-			Quanner								•		- <u>Dii i ac</u> 1
Matrix: Solid Analysis Batch: 74315Prep Type: Tot Prep Batch: 7Analyte BenzeneSpikeLCSLCSWRecAnalyte Benzene0.1000.09633mg/Kg9670.130Toluene0.1000.1057mg/Kg10670.130Ethylbenzene0.1000.1145mg/Kg11470.130m-Xylene & p-Xylene0.2000.2879*+mg/Kg14470.130o-Xylene0.1000.1437*+mg/Kg14470.130tLCSLCSLCSLCSUnits14470.130tLSLCSLCSLCSLCSVVSurrogate%RecoveryQualifierLimits S1+70.1301.4-Difluorobenzene (Surr)140S1+70.130V1.4-Difluorobenzene (Surr)9770.130Prep Type: Tot Prep Type: Tot Prep Batch: 7Lab Sample ID: LCSD 880-74361/2-A Matrix: Solid Analysis Batch: 74315Client Sample ID: Lab Control Sample Prep Type: Tot Prep Batch: 7													1
Analyte Added Result Qualifier Unit D %Rec Limits Benzene 0.100 0.09633 mg/Kg 96 70.130 Toluene 0.100 0.1057 mg/Kg 106 70.130 Ethylbenzene 0.100 0.1145 mg/Kg 114 70.130 m-Xylene & p-Xylene 0.200 0.2879 *+ mg/Kg 144 70.130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70.130 LCS LCS LCS LS	Matrix: Solid	I-A							C	lient	Sample	Prep Type Prep Bat	Total/NA
Benzene 0.100 0.09633 mg/Kg 96 70.130 Toluene 0.100 0.1057 mg/Kg 106 70.130 Ethylbenzene 0.100 0.1145 mg/Kg 114 70.130 m-Xylene & p-Xylene 0.200 0.2879 *+ mg/Kg 144 70.130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70.130 LCS LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 140 S1+ 70.130 70.130 70.130 Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Prep Type: Tot Matrix: Solid Prep Batch: 74315 Prep Batch: 7													
Toluene 0.100 0.1057 mg/Kg 106 70 - 130 Ethylbenzene 0.100 0.1145 mg/Kg 114 70 - 130 m-Xylene & p-Xylene 0.200 0.2879 *+ mg/Kg 144 70 - 130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70 - 130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70 - 130 c-Xylene %Recovery Qualifier Limits Limits 140 51+ 70 - 130 1.4-Difluorobenzene (Surr) 140 S1+ 70 - 130 Prep Type: Tot Prep Type: Tot Lab Sample ID: LCSD 880-74361/2-A Katrix: Solid Prep Batch: 7 Prep Batch: 7 Analysis Batch: 74315 Spike LCSD LCSD %Rec Kec						Qua				_ <u>D</u>			
Ethylbenzene 0.100 0.1145 mg/Kg 114 70 - 130 m-Xylene & p-Xylene 0.200 0.2879 *+ mg/Kg 144 70 - 130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70 - 130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70 - 130 LCS LCS LCS LCS Imits Imits Imits 4-Bromofiluorobenzene (Surr) 140 \$1+ 70 - 130 Imits Imits Imits 1,4-Difluorobenzene (Surr) 97 70 - 130 Imits Imits Imits Imits Lab Sample ID: LCSD 880-74361/2-A Katrix: Solid Prep Type: Tot Prep Type: Tot Imits Imits<													
m-Xylene & p-Xylene 0.200 0.2879 *+ mg/Kg 144 70 - 130 o-Xylene 0.100 0.1437 *+ mg/Kg 144 70 - 130 LCS LCS LCS Imits 144 70 - 130 4-Bromofluorobenzene (Surr) 140 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 97 70 - 130 Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Spike LCSD LCSD													
o-Xylene 0.100 0.1437 *+ mg/Kg 144 70-130 LCS LCS <u>Surrogate</u> %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 140 S1+ 70-130 1,4-Difluorobenzene (Surr) 97 70-130 Lab Sample ID: LCSD 880-74361/2-A Matrix: Solid Analysis Batch: 74315 Client Sample ID: Lab Control Sample Matrix Solid Prep Type: Tot Spike LCSD LCSD %Rec	Ethylbenzene			0.100				mg/Kg			114		
LCS LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 140 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 97 70 - 130 Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Spike LCSD LCSD Spike LCSD LCSD %Rec	m-Xylene & p-Xylene			0.200	0.2879	*+		mg/Kg			144	70 - 130	
Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 140 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 97 70 - 130 Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Spike LCSD LCSD %Rec	o-Xylene			0.100	0.1437	*+		mg/Kg			144	70 - 130	
4-Bromofluorobenzene (Surr) 140 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 97 70 - 130 Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Prep Batch: 7													
1,4-Difluorobenzene (Surr) 97 70 - 130 Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Prep Batch: 7 Spike LCSD LCSD													
Lab Sample ID: LCSD 880-74361/2-A Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Prep Batch: 7 Spike LCSD LCSD %Rec	4-Bromofluorobenzene (Surr)												
Matrix: Solid Prep Type: Tot Analysis Batch: 74315 Prep Batch: 7 Spike LCSD LCSD %Rec	1,4-Difluorobenzene (Surr)	97		70 - 130									
· ·	Matrix: Solid	/ 2-A						Cli	ent	Sam	ple ID: La	Prep Type	Total/NA
Analyte Added Result Qualifier Unit D %Rec Limits RPD	-			Spike	LCSD	LCS	D						RPD
	Analyte			Added	Result	Qua	lifier	Unit		D	%Rec	Limits R	PD Limit

Job ID: 880-40071-1 SDG: Lea County, New Mexico

> 5 7

Released to Imaging: 5/7/2024 1:23:19 PM

Benzene

0.08564

mg/Kg

86

70 - 130

0.100

12 Eurofins Midland

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40071-1 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-7 Matrix: Solid	/4361/2-A					Clie	nt Sam	nple ID:	Lab Contro	l Sampl	
Analysis Batch: 74315										Batch:	
			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene			0.100	0.07488		mg/Kg		75	70 - 130	34	35
Ethylbenzene			0.100	0.1288		mg/Kg		129	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2525		mg/Kg		126	70 - 130	13	35
o-Xylene			0.100	0.1255		mg/Kg		125	70 - 130	14	35
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)			70 - 130								
1,4-Difluorobenzene (Surr)	80		70 _ 130								
Lab Sample ID: 880-39974-4 Matrix: Solid Analysis Batch: 74315	4-1-B MS							Client		: Matrix Type: To Batch:	tal/NA
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00199	U	0.0996	0.08569		mg/Kg		85	70 - 130		
Toluene	<0.00199	U	0.0996	0.09444		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00199	U	0.0996	0.1297		mg/Kg		130	70 - 130		
m-Xylene & p-Xylene	<0.00398	U *+	0.199	0.2487		mg/Kg		124	70 - 130		
o-Xylene	<0.00199	U *+	0.0996	0.1253		mg/Kg		126	70 - 130		
	MS	MS									
- · ·											

	1013	<i>"</i> 3	
Surrogate	%Recovery (Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-39974-A-1-C MSD Matrix: Solid Analysis Batch: 74315

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA Prep Batch: 74361

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.101	0.08236		mg/Kg		81	70 - 130	4	35
Toluene	<0.00199	U	0.101	0.1060		mg/Kg		104	70 - 130	12	35
Ethylbenzene	<0.00199	U	0.101	0.1284		mg/Kg		127	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U *+	0.202	0.2507		mg/Kg		124	70 - 130	1	35
o-Xylene	<0.00199	U *+	0.101	0.1263		mg/Kg		125	70 - 130	1	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

70 - 130

70 - 130

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

123

110

Lab Sample ID: MB 880-74398/1-A Matrix: Solid Analysis Batch: 74445	MB	МВ					Client Sa	mple ID: Metho Prep Type: 1 Prep Batch	Total/NA
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/29/24 15:18	03/01/24 06:27	1

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

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

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: MB 880-74398	/1 -A										Client Sa	ample ID: N		
Matrix: Solid												Prep Ty		
Analysis Batch: 74445												Prep	Batch	: 74398
		MB	MB											
Analyte			Qualifier	RL		MDL	Unit		D	Р	repared	Analyze	ed	Dil Fa
Diesel Range Organics (Over	<	50.0	U	50.0			mg/K	g		02/2	9/24 15:18	03/01/24 0	6:27	
C10-C28) DII Range Organics (Over C28-C36)	<	50.0	U	50.0			mg/K	g		02/2	9/24 15:18	03/01/24 0	6:27	
								•						
_			MB							_				
Surrogate	%Reco		Qualifier	Limits							repared	Analyze		Dil Fa
1-Chlorooctane			S1+	70 - 130							9/24 15:18	03/01/24 0		
p-Terphenyl		148	S1+	70 - 130						02/2	9/24 15:18	03/01/24 0	06:27	
Lab Sample ID: LCS 880-74398	3/2-A								С	lient	Sample	ID: Lab Co	ntrol	Sample
Matrix: Solid												Prep Ty		
Analysis Batch: 74445														: 7439
,				Spike	LCS	LCS						%Rec		
Analyte				Added	Result			Unit		D	%Rec	Limits		
Gasoline Range Organics				1000	876.9			mg/Kg		_	88	70 - 130		
(GRO)-C6-C10								5. 5						
Diesel Range Organics (Over				1000	1332	*+		mg/Kg			133	70 - 130		
C10-C28)														
	LCS	LCS												
Surrogate	%Recovery	Quali	fier	Limits										
1-Chlorooctane	155	S1+		70 - 130										
o-Terphenyl	159	S1+		70 - 130										
Matrix: Solid Analysis Batch: 74445				Spike	LCSD	LCS	п					Prep Ty Prep %Rec		otal/N/ 1: 7439 RPI
Analyte				Added	Result			Unit		D	%Rec	Limits	RPD	
Gasoline Range Organics				1000	812.2			mg/Kg		_	81	70 - 130	8	
(GRO)-C6-C10					0.12.12						0.	10-100		_
Diesel Range Organics (Over				1000	889.3	*1		mg/Kg			89	70 - 130	40	2
C10-C28)														
	LCSD	LCSD)											
Surrogate	%Recovery	Quali	fier	Limits										
1-Chlorooctane	105			70 - 130										
o-Terphenyl	102			70 - 130										
Lab Sample ID: 880-40068-A-1											Client	Sample ID:	Motri	v Chile
Matrix: Solid											Gilefit a	Sample ID: Prep Ty		
Analysis Batch: 74445														
Anarysis Daton. /4440	Sample	Samn	le	Spike	МЗ	MS						%Rec	Datu	1: 74398
Analyte	Result	-		Added	Result		lifior	Unit		D	%Rec	Limits		
Gasoline Range Organics	<49.7			1010	1268	<u>u</u> ud		mg/Kg		_		70 - 130		
(GRO)-C6-C10		-			.200									
Diesel Range Organics (Over C10-C28)	<49.7	U *+ *	1	1010	914.9			mg/Kg			88	70 - 130		
	MS	MS												
Surrogate	%Recovery		fier	Limits										
1-Chlorooctane	97			70 - 130										

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o-Terphenyl

76

70 - 130

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40071-1 SDG: Lea County, New Mexico

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

	A-1-I MSD									Client	Sam	ple ID	: Matrix Sp		
Matrix: Solid														ype: To	
Analysis Batch: 74445	0	•	1.	0		MOD								Batch:	
	Sample			Spike			MSD			_			%Rec		RPI
Analyte	Result		ner	Added		Result	Qual	ifier	Unit	[J %	Kec	Limits	RPD	Limi
Gasoline Range Organics (GRO)-C6-C10	<49.7	U		1010		1272			mg/Kg			123	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.7	U *+ *	1	1010		970.4			mg/Kg			94	70 - 130	6	2
	MSD	MSD													
Surrogate	%Recovery	Quali	fier	Limits	_										
1-Chlorooctane	100			70 - 130											
o-Terphenyl	81			70 - 130											
		MB	МВ												
-			Qualifier		RL		MDL			<u>D</u>	Prep	ared	Analyz		
-		esult <5.00			RL 5.00		MDL	Unit mg/Ko]	<u>D</u>	Prep	ared	Analyz		
Chloride							MDL]					21:01	
Chloride Lab Sample ID: LCS 880-74							MDL)				02/28/24 2	21:01	ample
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid							MDL)				02/28/24 2	21:01	ample
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid				Spike			MDL		3				02/28/24 2	21:01	
Analyte Chloride Lab Sample ID: LCS 880-74 Matrix: Solid Analysis Batch: 74301 Analyte				Spike Added			LCS	mg/Ko	Unit		nt Sa		02/28/24 2 ID: Lab Co Prep	21:01	ample
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid Analysis Batch: 74301 Analyte						LCS	LCS	mg/Ko		Clie	nt Sa	ample	02/28/24 2 ID: Lab Co Prep %Rec	21:01	ample
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid Analysis Batch: 74301 Analyte Chloride	266/2-A			Added		LCS Result	LCS	mg/Ko	Unit mg/Kg	Clie	nt Sa	ample	02/28/24 2 ID: Lab Co Prep %Rec Limits	ontrol S Type: S	ample oluble
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid Analysis Batch: 74301 Analyte Chloride Lab Sample ID: LCSD 880-7	266/2-A			Added		LCS Result	LCS	mg/Ko	Unit mg/Kg	Clie	nt Sa	ample	02/28/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 _ab Contro	ontrol S Type: S	ample olubi
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid Analysis Batch: 74301	266/2-A			Added		LCS Result	LCS	mg/Ko	Unit mg/Kg	Clie	nt Sa	ample	02/28/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 _ab Contro	21:01 ontrol S Type: S	ample oluble le Dup
Chloride Lab Sample ID: LCS 880-74 Matrix: Solid Analysis Batch: 74301 Analyte Chloride Lab Sample ID: LCSD 880-7 Matrix: Solid	266/2-A			Added		LCS Result	LCS Qual	ifier	Unit mg/Kg	Clie	nt Sa 0 %	ample	02/28/24 2 ID: Lab Co Prep %Rec Limits 90 - 110 _ab Contro	21:01 ontrol S Type: S	ample olubi

Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	248.8	mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-40063-A-1 Matrix: Solid	-B MS							Client		: Matrix Spike Type: Soluble
Analysis Batch: 74301										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	76.2		250	337.1		mg/Kg		105	90 - 110	

Lab Sample ID: 880-40063-A- Matrix: Solid Analysis Batch: 74301	1-C MSD						Client Sa	ample IC): Matrix S Prep	pike Dup Type: S	
Analysis Baton. 14001	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	76.2		250	338.8		mg/Kg		105	90 _ 110	0	20

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Client: Carmona Resources

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-74274/1-A											Client S	ample ID:	Method	Blank
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 74302														
		MB MB												
Analyte	Re	sult Qualifier		RL		MDL	Unit		D	Pr	epared	Analyz	ed	Dil Fac
Chloride	<{	5.00 U		5.00			mg/Kg					02/29/24	07:09	1
 Lab Sample ID: LCS 880-74274/2-A									Cli	ent	Sample	ID: Lab Co	ontrol S	ample
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 74302														
-			Spike		LCS	LCS						%Rec		
Analyte			Added		Result	Qual	ifier	Unit		D	%Rec	Limits		
Chloride			250		253.3			mg/Kg			101	90 - 110		
 Lab Sample ID: LCSD 880-74274/3-	A							Cli	ient S	am	ple ID: I	_ab Contro	l Sampl	le Dup
Matrix: Solid													Type: S	-
Analysis Batch: 74302														
			Spike		LCSD	LCS	D					%Rec		RPD
Analyte			Added		Result	Qual	ifier	Unit		D	%Rec	Limits	RPD	Limit
Chloride			250		253.9			mg/Kg			102	90 - 110	0	20
_ Lab Sample ID: 880-40068-A-1-C M	SD								Clien	t Sa	mple IC	: Matrix Sp	oike Dur	olicate
Matrix: Solid											•		Type: S	
Analysis Batch: 74302														
	Sample	Sample	Spike		MSD	MSD						%Rec		RPD
Analyte	Result	Qualifier	Added		Result	Qual	ifier	Unit		D	%Rec	Limits	RPD	Limi
Chloride	85.0		252		328.3			mg/Kg			97	90 - 110	2	20
– Lab Sample ID: 880-40070-A-3-B M	S										Client	Sample ID	: Matrix	Spike
Matrix: Solid												Prep	Type: S	oluble
Analysis Batch: 74302														
-	Sample	Sample	Spike		MS	MS						%Rec		
Analyte	Result	Qualifier	Added		Result	Qual	ifier	Unit		D	%Rec	Limits		
Chloride	303		250		576.4			mg/Kg			109	90 - 110		
_ Lab Sample ID: 880-40070-A-3-C M	SD								Clien	t Sa	mple ID	: Matrix Sp	oike Dup	plicate
Matrix: Solid											-	Prep	Type: S	oluble
Analysis Batch: 74302														
-	0	Sample	Spike		MSD	MSD						%Rec		RPD
	Sample	Sample	Opike		MOD									
Analyte		Qualifier	Added		Result			Unit		D	%Rec	Limits	RPD	Limit

QC Association Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Job ID: 880-40071-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 74188

rep Batch: 74188					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-74188/5-A	Method Blank	Total/NA	Solid	5035	
nalysis Batch: 74315					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Total/NA	Solid	8021B	74361
880-40071-2	S-1 (0.5')	Total/NA	Solid	8021B	74361
880-40071-3	S-1 (1.0')	Total/NA	Solid	8021B	74361
880-40071-4	S-2 (0-0.25')	Total/NA	Solid	8021B	74361
380-40071-5	S-2 (0.5')	Total/NA	Solid	8021B	74361
880-40071-6	S-2 (1.0')	Total/NA	Solid	8021B	74361
380-40071-7	S-3 (0-0.25')	Total/NA	Solid	8021B	74361
880-40071-8	S-3 (0.5')	Total/NA	Solid	8021B	74361
380-40071-9	S-3 (1.0')	Total/NA	Solid	8021B	74361
MB 880-74188/5-A	Method Blank	Total/NA	Solid	8021B	74188
MB 880-74361/5-A	Method Blank	Total/NA	Solid	8021B	74361
LCS 880-74361/1-A	Lab Control Sample	Total/NA	Solid	8021B	74361
LCSD 880-74361/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	74361
380-39974-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	74361
880-39974-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	74361

Prep Batch: 74361

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Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Total/NA	Solid	5035	
880-40071-2	S-1 (0.5')	Total/NA	Solid	5035	
880-40071-3	S-1 (1.0')	Total/NA	Solid	5035	
880-40071-4	S-2 (0-0.25')	Total/NA	Solid	5035	
880-40071-5	S-2 (0.5')	Total/NA	Solid	5035	
880-40071-6	S-2 (1.0')	Total/NA	Solid	5035	
880-40071-7	S-3 (0-0.25')	Total/NA	Solid	5035	
880-40071-8	S-3 (0.5')	Total/NA	Solid	5035	
880-40071-9	S-3 (1.0')	Total/NA	Solid	5035	
MB 880-74361/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-74361/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-74361/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-39974-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-39974-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 74478

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Total/NA	Solid	Total BTEX	
880-40071-2	S-1 (0.5')	Total/NA	Solid	Total BTEX	
880-40071-3	S-1 (1.0')	Total/NA	Solid	Total BTEX	
880-40071-4	S-2 (0-0.25')	Total/NA	Solid	Total BTEX	
880-40071-5	S-2 (0.5')	Total/NA	Solid	Total BTEX	
880-40071-6	S-2 (1.0')	Total/NA	Solid	Total BTEX	
880-40071-7	S-3 (0-0.25')	Total/NA	Solid	Total BTEX	
880-40071-8	S-3 (0.5')	Total/NA	Solid	Total BTEX	
880-40071-9	S-3 (1.0')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

GC Semi VOA

Prep Batch: 74398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-40071-2	S-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-40071-3	S-1 (1.0')	Total/NA	Solid	8015NM Prep	
880-40071-4	S-2 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-40071-5	S-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-40071-6	S-2 (1.0')	Total/NA	Solid	8015NM Prep	
880-40071-7	S-3 (0-0.25')	Total/NA	Solid	8015NM Prep	
880-40071-8	S-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-40071-9	S-3 (1.0')	Total/NA	Solid	8015NM Prep	
MB 880-74398/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-74398/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-74398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40068-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-40068-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 74445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Total/NA	Solid	8015B NM	74398
880-40071-2	S-1 (0.5')	Total/NA	Solid	8015B NM	74398
880-40071-3	S-1 (1.0')	Total/NA	Solid	8015B NM	74398
880-40071-4	S-2 (0-0.25')	Total/NA	Solid	8015B NM	74398
880-40071-5	S-2 (0.5')	Total/NA	Solid	8015B NM	74398
880-40071-6	S-2 (1.0')	Total/NA	Solid	8015B NM	74398
880-40071-7	S-3 (0-0.25')	Total/NA	Solid	8015B NM	74398
880-40071-8	S-3 (0.5')	Total/NA	Solid	8015B NM	74398
880-40071-9	S-3 (1.0')	Total/NA	Solid	8015B NM	74398
MB 880-74398/1-A	Method Blank	Total/NA	Solid	8015B NM	74398
LCS 880-74398/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	74398
LCSD 880-74398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	74398
880-40068-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	74398
880-40068-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	74398

Analysis Batch: 74671

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Total/NA	Solid	8015 NM	
880-40071-2	S-1 (0.5')	Total/NA	Solid	8015 NM	
880-40071-3	S-1 (1.0')	Total/NA	Solid	8015 NM	
880-40071-4	S-2 (0-0.25')	Total/NA	Solid	8015 NM	
880-40071-5	S-2 (0.5')	Total/NA	Solid	8015 NM	
880-40071-6	S-2 (1.0')	Total/NA	Solid	8015 NM	
880-40071-7	S-3 (0-0.25')	Total/NA	Solid	8015 NM	
880-40071-8	S-3 (0.5')	Total/NA	Solid	8015 NM	
880-40071-9	S-3 (1.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 74266

Lab Sample ID 880-40071-7	Client Sample ID S-3 (0-0.25')	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
880-40071-8	S-3 (0-0.25)	Soluble	Solid	DI Leach	
880-40071-9	S-3 (1.0')	Soluble	Solid	DI Leach	

Job ID: 880-40071-1 SDG: Lea County, New Mexico

QC Association Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

HPLC/IC (Continued)

Leach Batch: 74266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-74266/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-74266/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-74266/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-40063-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-40063-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 74274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	8
880-40071-1	S-1 (0-0.25')	Soluble	Solid	DI Leach		
880-40071-2	S-1 (0.5')	Soluble	Solid	DI Leach		
880-40071-3	S-1 (1.0')	Soluble	Solid	DI Leach		
880-40071-4	S-2 (0-0.25')	Soluble	Solid	DI Leach		
880-40071-5	S-2 (0.5')	Soluble	Solid	DI Leach		
880-40071-6	S-2 (1.0')	Soluble	Solid	DI Leach		
MB 880-74274/1-A	Method Blank	Soluble	Solid	DI Leach		
LCS 880-74274/2-A	Lab Control Sample	Soluble	Solid	DI Leach		
LCSD 880-74274/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach		
880-40068-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach		
880-40070-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach		
880-40070-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach		

Analysis Batch: 74301

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40071-7	S-3 (0-0.25')	Soluble	Solid	300.0	74266
880-40071-8	S-3 (0.5')	Soluble	Solid	300.0	74266
880-40071-9	S-3 (1.0')	Soluble	Solid	300.0	74266
MB 880-74266/1-A	Method Blank	Soluble	Solid	300.0	74266
LCS 880-74266/2-A	Lab Control Sample	Soluble	Solid	300.0	74266
LCSD 880-74266/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	74266
880-40063-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	74266
880-40063-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	74266

Analysis Batch: 74302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40071-1	S-1 (0-0.25')	Soluble	Solid	300.0	74274
880-40071-2	S-1 (0.5')	Soluble	Solid	300.0	74274
880-40071-3	S-1 (1.0')	Soluble	Solid	300.0	74274
880-40071-4	S-2 (0-0.25')	Soluble	Solid	300.0	74274
880-40071-5	S-2 (0.5')	Soluble	Solid	300.0	74274
880-40071-6	S-2 (1.0')	Soluble	Solid	300.0	74274
MB 880-74274/1-A	Method Blank	Soluble	Solid	300.0	74274
LCS 880-74274/2-A	Lab Control Sample	Soluble	Solid	300.0	74274
LCSD 880-74274/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	74274
880-40068-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	74274
880-40070-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	74274
880-40070-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	74274

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Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Chronicle

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: S-1 (0-0.25') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 03:39	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 03:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 12:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	74398	02/29/24 15:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 12:37	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 10:48	СН	EET MID

Lab Sample ID: 880-40071-2

Matrix: Solid

Client Sample ID: S-1 (0.5') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 03:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 03:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 12:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	74398	02/29/24 15:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 12:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 10:56	СН	EET MID

Client Sample ID: S-1 (1.0') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 04:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 04:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 13:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	74398	02/29/24 15:18	ТКС	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 13:42	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 11:04	СН	EET MID

Client Sample ID: S-2 (0-0.25') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 04:40	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 04:40	SM	EET MID

Eurofins Midland

Matrix: Solid

Lab Sample ID: 880-40071-4

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Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-1 Matrix: Solid

 2/29/24 15:18
 IKC
 EET MID

 3/01/24 12:59
 SM
 EET MID

 2/28/24 14:59
 CH
 EET MID

 2/29/24 10:56
 CH
 EET MID

 Lab Sample ID: 880-40071-3
 Matrix: Solid

Lab Chronicle

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: S-2 (0-0.25') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

	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			74671	03/01/24 14:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	74398	02/29/24 15:18	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 14:04	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 11:12	CH	EET MID

Client Sample ID: S-2 (0.5') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Туре Run Factor Analyst Lab Prep 5035 Total/NA 5.01 g 5 mL 74361 02/29/24 12:21 EL EET MID Total/NA Analysis 8021B 5 mL 5 mL 74315 03/01/24 05:01 SM EET MID 1 Total/NA Total BTEX Analysis 1 74478 03/01/24 05:01 SM EET MID Total/NA Analysis 8015 NM 74671 03/01/24 14:26 SM EET MID 1 Total/NA Prep 8015NM Prep 10.02 g 10 mL 74398 02/29/24 15:18 TKC EET MID Total/NA Analysis 8015B NM 1 uL 74445 03/01/24 14:26 SM EET MID 1 uL 1 Soluble Leach **DI Leach** 5.01 g 50 mL 74274 02/28/24 14:59 СН EET MID Soluble Analysis 300.0 1 0 mL 1.0 mL 74302 02/29/24 11:45 СН EET MID

Client Sample ID: S-2 (1.0')

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 05:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 05:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 14:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	74398	02/29/24 15:18	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 14:48	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 11:53	СН	EET MID

Client Sample ID: S-3 (0-0.25') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 05:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 05:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 15:10	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.99 g 1 uL	10 mL 1 uL	74398 74445	02/29/24 15:18 03/01/24 15:10	TKC SM	EET MID EET MID

Eurofins Midland

Matrix: Solid

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Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-4 Matrix: Solid

Lab Sample ID: 880-40071-5

11 12 13

Lab Sample ID: 880-40071-6

Lab Sample ID: 880-40071-7

Matrix: Solid

Matrix: Solid

Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40071-7

Client Sample ID: S-3 (0-0.25') Date Collected: 02/26/24 00:00

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Date Received: 02/28/24 14:05

Client: Carmona Resources

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	74266	02/28/24 16:20	SMC	EET MID
Soluble	Analysis	300.0		1			74301	02/29/24 04:10	СН	EET MID

Client Sample ID: S-3 (0.5') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 06:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 06:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	74398	02/29/24 15:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 15:32	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	74266	02/28/24 16:20	SMC	EET MID
Soluble	Analysis	300.0		1			74301	02/29/24 04:28	СН	EET MID

Client Sample ID: S-3 (1.0') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	74361	02/29/24 12:21	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74315	03/01/24 06:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			74478	03/01/24 06:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			74671	03/01/24 15:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	74398	02/29/24 15:18	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 15:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	74266	02/28/24 16:20	SMC	EET MID
Soluble	Analysis	300.0		1			74301	02/29/24 04:46	СН	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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Matrix: Solid

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Lab Sample ID: 880-40071-8 Matrix: Solid

Lab Sample ID: 880-40071-9

Matrix: Solid

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40071-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

uthority	Program		Identification Number	Expiration Date		
exas	NELAP		T104704400-23-26	06-30-24		
The following applyt	e are included in this report, but th	a laboratory is not cortif	ind by the governing outbority. This lis	t may include analytes		
for which the agency	does not offer certification.	-	ied by the governing authority. This lis			
• •		Matrix Solid	Analyte Total TPH			

Eurofins Midland

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Method Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40071-1 SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
3015B 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
3015NM Prep	Microextraction	SW846	EET MID
OI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

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: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40071-1 SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-40071-1	S-1 (0-0.25')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-2	S-1 (0.5')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-3	S-1 (1.0')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-4	S-2 (0-0.25')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-5	S-2 (0.5')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-6	S-2 (1.0')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-7	S-3 (0-0.25')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-8	S-3 (0.5')	Solid	02/26/24 00:00	02/28/24 14:05
880-40071-9	S-3 (1.0')	Solid	02/26/24 00:00	02/28/24 14:05

Chain of Custody



																	-				of Custody	
Project Manager	Conner Moehri	ng			Bill to (r	different)		Carm	iona Re	esource					ן ר			*********	We	rk Ord	Page er Comments	_1of1
Company Name	Carmona Reso	urces			Compan	- and the second se	<u></u>								-	Droor		DT/DO			ownfields R	
Address:	310 W Wall St	Ste 500			Address			1								State				KP Ljsre	ownnields [Ri	C uperfund [
City, State ZIP	Midland, TX 79				City, Sta	200.00		1							- 1					a III 🗖	ST/UST	
	432-813-6823			Fmail			monare					•••••••			- 1	Delive					aPT□ Ot	
Project Name	Coonskin		Flare Fire (02 18 24)	1		malagoan		T	03.001	1												
Project Number	COORSKILLE	2282		Routine	1 Around	h.	Pres.		1	r	Γ		NAL	YSIS R	EQU	EST			T			vative Codes
Project Location		_ea County, N		Due Date:	Т		Code	<u> </u>													None NO	DI Water H ₂ O
Sampler's Name	L	<u>-ea county, N</u> GPJ/		Due Date.	12	HR			ô												Cool: Cool	MeOH Me
PO #:			0				6		+ MRO)												HCL HC H₂S0₄ H₂	HNO ₃ HN NaOH Na
SAMPLE RECEI	PT Ten	np Blank:	Yes No	Wet Ice	(Ye)	No	Parameters			0.0											H ₂ S0 ₄ H ₂ H ₃ PO ₄ HP	NaOH Na
Received Intact.	(Ye		Thermometer ID ⁻			l E	Tam Tam	BTEX 8021B	÷	Chloride 300.0											NaHSO₄ N/	RIS
Cooler Custody Seal		NO NIA	Correction Factor			0] č	Ĕ	(GRC	orid											Na2S2O3 Na	
Sample Custody Sea	lis Yes	NO N/A	Temperature Reading.			8		<u>م</u>	15M	ซี							Zn Acetate+NaOH Zn					
Total Containers:	<u> </u>		Corrected Temperature:		-1]	TPH 8015M (GRO + DRO												NaOH+Asco	rbic Acid SAPC
Sample Ider		Date	Time	Soil	Water	Grab/ Comp	# of Cont		đ												Samp	e Comments
S-1 (0-0		2/26/2024		X		G	1	X	X	X							-					
S-1 (0		2/26/2024		X		G	1	X	X	Х												
S-1 (1		2/26/2024		Х		G	1	X	X	X												
S-2 (0-0		2/26/2024		X		G	1	X	X	Х		1										·······
S-2 (0		2/26/2024		X		G	1	X	X	Х		1										
S-2 (1	-	2/26/2024		x		G	1	X	X	X												
S-3 (0-0	· · · · · · · · · · · · · · · · · · ·	2/26/2024		X		G	1	X	X	X												······································
S-3 (0		2/26/2024		X		G	1	X	X	X	[······································
S-3 (1	0')	2/26/2024		X		G	1	X	X	Х												
						[
Comments. Emai	I to Mike Carm	iona / Mcarm	ona@carmonaresource	es com and Co	onner Mo	ehring /	Cmoeh	ring@	Dcarm	onare	sourc	es.cor	m									

Received by OCD: 4/2/2024 8:58:02 AM

Job Number: 880-40071-1

List Source: Eurofins Midland

SDG Number: Lea County, New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 40071 List Number: 1 Creator: Rodriguez, Leticia

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

N/A

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona Carmona Resources 310 W Wall St Ste 500 Midland, Texas 79701 Generated 3/4/2024 2:59:29 PM

JOB DESCRIPTION

Coonskin Fee 28D CTB Flare Fire (02.18.24) Lea County, New Mexico

JOB NUMBER

880-40068-1

Page 68 of 124

Eurofins Midland 1211 W. Florida Ave Midland TX 79701



See page two for job notes and contact information

Eurofins Midland

Job Notes

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

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

Authorization

AMER

Generated 3/4/2024 2:59:29 PM

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

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Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	5
GC Semi VO	Α	
Qualifier	Qualifier Description	
*+	LCS and/or LCSD is outside acceptance limits, high biased.	
*1	LCS/LCSD RPD exceeds control limits.	
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	8
HPLC/IC		
Qualifier	Qualifier Description	9
U	Indicates the analyte was analyzed for but not detected.	
Glossary		1
Abbroviation	These commonly used abbroviations may or may not be present in this report	

TNTC Too Numerous To Count Job ID: 880-40068-1

SDG: Lea County, New Mexico

Case Narrative

Client: Carmona Resources Project: Coonskin Fee 28D CTB Flare Fire (02.18.24)

quality control (QC) is further explained in narrative comments.

unless attributed to a dilution or otherwise noted in the narrative.

Job ID: 880-40068-1

Job Narrative 880-40068-1

demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the

Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed

Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant

Eurofins Midland 4 5 6 7 8 9 Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to

The samples were received on 2/28/2024 2:05 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 -1.7°C.

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

Receipt Exceptions

method.

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-40068-1), H-2 (0-0.5') (880-40068-2), H-3 (0-0.5') (880-40068-3) and H-4 (0-0.5') (880-40068-4).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-74384 and analytical batch 880-74314 was outside the upper control limits.

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

GC Semi VOA

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-74398 and analytical batch 880-74445 was outside the upper control limits.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-74398/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-74398 and analytical batch 880-74445 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD NM: The laboratory control sample (LCS) associated with preparation batch 880-74398 and analytical batch 880-74445 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD NM: The continuing calibration verification (CCV) associated with batch 880-74445 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-74445/20).

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 guality issues were noted, other than those described above or in the Definitions/ Glossary page.
Client Sample Results

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: H-1 (0-0.5') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<0.00198	U	0.00198		mg/Kg		02/29/24 13:08	03/01/24 00:25	
<0.00198	U	0.00198		mg/Kg		02/29/24 13:08	03/01/24 00:25	
<0.00198	U	0.00198		mg/Kg		02/29/24 13:08	03/01/24 00:25	
<0.00396	U	0.00396		mg/Kg		02/29/24 13:08	03/01/24 00:25	
<0.00198	U	0.00198		mg/Kg		02/29/24 13:08	03/01/24 00:25	
<0.00396	U	0.00396		mg/Kg		02/29/24 13:08	03/01/24 00:25	
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
85		70 - 130				02/29/24 13:08	03/01/24 00:25	
109		70 - 130				02/29/24 13:08	03/01/24 00:25	
tal BTEX Calc	ulation							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<0.00396	U	0.00396		mg/Kg			03/01/24 00:25	
Range Organ	ics (DRO) (GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<49.7	U	49.7		mg/Kg			03/01/24 08:58	
I Range Orga	nics (DRO)	(GC)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
<49.7	U	49.7		mg/Kg		02/29/24 15:18	03/01/24 08:58	
<49.7	U *+ *1	49.7		mg/Kg		02/29/24 15:18	03/01/24 08:58	
<49.7	U	49.7		mg/Kg		02/29/24 15:18	03/01/24 08:58	
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
		70 - 130				02/29/24 15:18	03/01/24 08:58	
114		70 - 750						
114 98		70 - 130				02/29/24 15:18	03/01/24 08:58	
	ihy - Solubl	70 - 130				02/29/24 15:18	03/01/24 08:58	
98 Chromatograp	i <mark>hy - Solubl</mark> Qualifier	70 - 130	MDL	Unit	D	02/29/24 15:18 Prepared	03/01/24 08:58 Analyzed	Dil Fa
98 Chromatograp	-	70 ₋ 130 e	MDL	Unit mg/Kg	<u>D</u>			
98 Chromatograp Result	-	70 - 130 e RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fa
98 Chromatograp Result	-	70 - 130 e RL	MDL		<u> </u>	Prepared	Analyzed 02/29/24 08:03 ple ID: 880-4	Dil Fa
98 Chromatograp Result	-	70 - 130 e RL	MDL		<u>D</u>	Prepared	Analyzed 02/29/24 08:03 ple ID: 880-4	Dil Fa
98 Chromatograp Result 85.0 rganic Comp	Qualifier	70 - 130 e 		mg/Kg		Prepared Lab Sam	Analyzed 02/29/24 08:03 ple ID: 880-4 Matri	Dil Fa 0068-2 x: Solic
98 Chromatograp Result 85.0 rganic Comp Result	Qualifier ounds (GC) Qualifier	70 - 130 e 	MDL	mg/Kg	D	Prepared Lab Sam	Analyzed 02/29/24 08:03 ple ID: 880-4 Matri Analyzed	Dil Fa 0068-2 x: Solic Dil Fa
98 Chromatograp Result 85.0 rganic Comp Result	Qualifier ounds (GC) Qualifier U	70 - 130 e <u>RL</u> 5.04 <u>RL</u> 0.00201		Unit mg/Kg		Prepared Lab Sam	Analyzed 02/29/24 08:03 ple ID: 880-4 Matri Analyzed 03/01/24 00:46	Dil Fa
98 thromatograp Result 85.0 rganic Comp Result <0.00201 <0.00201 	Qualifier ounds (GC) Qualifier U U	70 - 130 e <u>RL</u> 5.04 0.00201 0.00201 0.00201		Unit mg/Kg mg/Kg		Prepared Lab Sam Prepared 02/29/24 13:08 02/29/24 13:08	Analyzed 02/29/24 08:03 ple ID: 880-44 Matri Analyzed 03/01/24 00:46 03/01/24 00:46	Dil Fa
98 hromatograp Result 85.0 rganic Comp Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0	Qualifier ounds (GC) Qualifier U U U	70 - 130 e <u>RL</u> 5.04 0.00201 0.00201 0.00201 0.00201		Unit mg/Kg mg/Kg mg/Kg		Prepared Lab Sam Prepared 02/29/24 13:08 02/29/24 13:08 02/29/24 13:08	Analyzed 02/29/24 08:03 ple ID: 880-4 Matri 03/01/24 00:46 03/01/24 00:46 03/01/24 00:46	Dil Fa
98 chromatograp Result 85.0 rganic Comp Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <0.00402 <	Qualifier ounds (GC) Qualifier U U U U	70 - 130 e <u>RL</u> 5.04 <u>RL</u> 0.00201 0.00201 0.00201 0.00201 0.00201 0.00201		Unit mg/Kg mg/Kg mg/Kg mg/Kg		Prepared Lab Sam 02/29/24 13:08 02/29/24 13:08 02/29/24 13:08 02/29/24 13:08	Analyzed 02/29/24 08:03 ple ID: 880-4 Matri 03/01/24 00:46 03/01/24 00:46 03/01/24 00:46 03/01/24 00:46	Dil Fa 0068-2 x: Solic Dil Fa
98 chromatograp Result 85.0 rganic Comp Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.00201 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.0020 <0.00	Qualifier Ounds (GC) Qualifier U U U U U U U	70 - 130 e <u>RL</u> 5.04 0.00201 0.00201 0.00201 0.00201		Unit mg/Kg mg/Kg mg/Kg		Prepared Lab Sam Prepared 02/29/24 13:08 02/29/24 13:08 02/29/24 13:08	Analyzed 02/29/24 08:03 ple ID: 880-4 Matri 03/01/24 00:46 03/01/24 00:46 03/01/24 00:46	Dil Fa
	 <0.00198 <0.00198 <0.00198 <0.00396 <0.00396 %Recovery 85 109 tal BTEX Calc Result Range Organ Result <49.7 	109 tal BTEX Calculation Result Qualifier <0.00396	<0.00198 U 0.00198 <0.00198 U 0.00198 <0.00198 U 0.00198 <0.00198 U 0.00396 <0.00396 <td><0.00198</td> U 0.00198 <0.00198	<0.00198	<0.00198	<0.00198	<0.00198 U 0.00198 mg/Kg 02/29/24 13:08 <0.00198	<0.00198

Surrogate%RecoveryQualifierLimits4-Bromofluorobenzene (Surr)9170 - 1301,4-Difluorobenzene (Surr)10470 - 130

Eurofins Midland

Analyzed

03/01/24 00:46

03/01/24 00:46

Prepared

02/29/24 13:08

02/29/24 13:08

Job ID: 880-40068-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40068-1

Matrix: Solid

12 13 14

Dil Fac

1

1

Matrix: Solid

5

Job ID: 880-40068-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40068-2

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

Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/24 00:46	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	<50.5	U	50.5		mg/Kg			03/01/24 10:04	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		02/29/24 15:18	03/01/24 10:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U *+ *1	50.5		mg/Kg		02/29/24 15:18	03/01/24 10:04	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/29/24 15:18	03/01/24 10:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				02/29/24 15:18	03/01/24 10:04	1
o-Terphenyl	93		70 - 130				02/29/24 15:18	03/01/24 10:04	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		4.99		mg/Kg			02/29/24 08:25	1
lient Sample ID: H-3 (0-0.5	•							ple ID: 880-4	

Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC))						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/29/24 13:08	03/01/24 01:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/29/24 13:08	03/01/24 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				02/29/24 13:08	03/01/24 01:06	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/29/24 13:08	03/01/24 01:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/24 01:06	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/01/24 10:26	1
Method: SW846 8015B NM - Di	esel Range Orga	nics (DRO)	(GC)						
		0	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	NIDL	Unit		Treparea	Analyzeu	DirFac
Analyte Gasoline Range Organics	Result <50.0				mg/Kg		02/29/24 15:18	03/01/24 10:26	1
Gasoline Range Organics							· · · · · · · · · · · · · · · · · · ·		1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0						· · · · · · · · · · · · · · · · · · ·		1

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Client Sample Results

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

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

Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/29/24 15:18	03/01/24 10:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/29/24 15:18	03/01/24 10:26	1
o-Terphenyl	81		70 - 130				02/29/24 15:18	03/01/24 10:26	1
· · · · · · · · · · · · · · · · · · ·	•••								
Method: EPA 300.0 - Anions, Ion Analyte	•••	hy - Solubl Qualifier	e	MDL	Unit	D	Prepared	Analyzed	Dil Fac
· · · · · · · · · · · · · · · · · · ·	•••			MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte	Result 90.0		RL	MDL		<u> </u>			Dil Fac 1 0068-4
Analyte Chloride	Result 90.0		RL	MDL		<u> </u>		02/29/24 12:28 ple ID: 880-4	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/29/24 13:08	03/01/24 01:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/29/24 13:08	03/01/24 01:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/29/24 13:08	03/01/24 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/29/24 13:08	03/01/24 01:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/29/24 13:08	03/01/24 01:27	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			03/01/24 01:27	1

Method: SW846 8015 NM - Diesel R	lange Organi	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/01/24 10:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		02/29/24 15:18	03/01/24 10:48	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U *+ *1	49.8		mg/Kg		02/29/24 15:18	03/01/24 10:48	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/29/24 15:18	03/01/24 10:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				02/29/24 15:18	03/01/24 10:48	1
o-Terphenyl	87		70 - 130				02/29/24 15:18	03/01/24 10:48	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	е						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.1		5.02		mg/Kg			02/29/24 12:37	1

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Job ID: 880-40068-1 SDG: Lea County, New Mexico

3/4/2024

Surrogate Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

_				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		5
880-40068-1	H-1 (0-0.5')	85	109		
880-40068-1 MS	H-1 (0-0.5')	95	96		6
880-40068-1 MSD	H-1 (0-0.5')	102	102		
880-40068-2	H-2 (0-0.5')	91	104		
880-40068-3	H-3 (0-0.5')	101	109		
880-40068-4	H-4 (0-0.5')	110	110		8
LCS 880-74384/1-A	Lab Control Sample	100	101		U
LCSD 880-74384/2-A	Lab Control Sample Dup	103	98		0
MB 880-74189/5-A	Method Blank	114	125		J
MB 880-74384/5-A	Method Blank	133 S1+	137 S1+		
Surrogate Legend					

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

via	trix:	30110	
_			

	1CO1	OTPH1
Client Sample ID	(70-130)	(70-130)
H-1 (0-0.5')	114	98
H-1 (0-0.5')	97	76
H-1 (0-0.5')	100	81
H-2 (0-0.5')	112	93
H-3 (0-0.5')	96	81
H-4 (0-0.5')	102	87
Lab Control Sample	155 S1+	159 S1+
Lab Control Sample Dup	105	102
Method Blank	160 S1+	148 S1+
	H-1 (0-0.5') H-1 (0-0.5') H-1 (0-0.5') H-2 (0-0.5') H-3 (0-0.5') H-3 (0-0.5') H-4 (0-0.5') Lab Control Sample Lab Control Sample Dup	Client Sample ID (70-130) H-1 (0-0.5') 114 H-1 (0-0.5') 97 H-1 (0-0.5') 100 H-2 (0-0.5') 112 H-3 (0-0.5') 96 H-4 (0-0.5') 102 Lab Control Sample 155 S1+ Lab Control Sample Dup 105

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

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Prep Type: Total/NA

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Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-74189/5-A Matrix: Solid	N									Client Sa	mple ID: Meti Prep Type		
Analysis Batch: 74314											Prep Bat	ch:	7418
Analyte		B MB	RL		MDL	Unit		D	Б	repared	Analyzed		Dil Fa
Benzene	<0.0020		0.00200			mg/Kg		_		27/24 14:20	02/29/24 12:19	— —	
Toluene	<0.0020		0.00200			mg/Kg				7/24 14:20	02/29/24 12:19		
Ethylbenzene	<0.0020		0.00200			mg/Kg				7/24 14:20	02/29/24 12:19		
m-Xylene & p-Xylene	<0.0040		0.00400			mg/Kg				7/24 14:20	02/29/24 12:19		
o-Xylene	<0.0040		0.00200			mg/Kg				27/24 14:20	02/29/24 12:19		
Xylenes, Total	<0.0020		0.00200			mg/Kg				27/24 14:20	02/29/24 12:19		
	-0.00-10	0 0	0.00400			iiig/itg			02/2	.7724 14.20	02/20/24 12.10	•	
	N												
Surrogate	%Recove	<u> </u>	Limits						-	repared	Analyzed		Dil Fa
4-Bromofluorobenzene (Surr)	1		70 - 130							27/24 14:20	02/29/24 12:19		
1,4-Difluorobenzene (Surr)	12	25	70 - 130						02/2	27/24 14:20	02/29/24 12:19	9	
- Lab Sample ID: MB 880-74384/5-A										Client Sa	mple ID: Met	bor	Blanl
Matrix: Solid										onent oa	Prep Type		
Analysis Batch: 74314											Prep Bat		
Analysis Datch. 74014	M	B MB									Пер Ба		
Analyte		lt Qualifier	RL		мы	Unit		D	Б	repared	Analyzed		Dil Fac
Benzene	<0.0020		0.00200		NIDL	mg/Kg		_		19/24 13:08	02/29/24 23:56		Dii Fai
Toluene	<0.0020		0.00200			mg/Kg				9/24 13:08	02/29/24 23:56		
Ethylbenzene	<0.0020		0.00200			mg/Kg				29/24 13:08	02/29/24 23:56		
m-Xylene & p-Xylene	<0.0040		0.00200			mg/Kg				29/24 13:08	02/29/24 23:56		,
o-Xylene	<0.0040		0.00400			mg/Kg				.9/24 13:08 29/24 13:08	02/29/24 23:56		
Xylenes, Total	<0.0020		0.00200			mg/Kg				.9/24 13:08 29/24 13:08	02/29/24 23:56		
	-0.00-10	0 0	0.00400			iiig/itg			02/2	.5/24 10.00	02/20/24 20:00	•	
		B MB							_				
Surrogate	%Recove		Limits							Prepared	Analyzed		Dil Fa
4-Bromofluorobenzene (Surr)		33 S1+	70 - 130							29/24 13:08	02/29/24 23:56		
1,4-Difluorobenzene (Surr)	7.	87 S1+	70 - 130						02/2	29/24 13:08	02/29/24 23:56)	
Lab Sample ID: LCS 880-74384/1-	A							С	lient	Sample	D: Lab Contr	ol Sa	ample
Matrix: Solid											Prep Type		
Analysis Batch: 74314											Prep Bat		
			Spike	LCS	LCS	;					%Rec		
Analyte			Added	Result	Qua	lifier	Unit		D	%Rec	Limits		
Benzene			0.100	0.09449			mg/Kg			94	70 - 130		
Toluene			0.100	0.09116			mg/Kg			91	70 - 130		
Ethylbenzene			0.100	0.08691			mg/Kg			87	70 - 130		
m-Xylene & p-Xylene			0.200	0.1846			mg/Kg			92	70 - 130		
o-Xylene			0.100	0.09168			mg/Kg			92	70 - 130		
			0.100	0.00100			ing/itg			02	10-100		
	LCS L												
		ualifier	Limits										
4-Bromofluorobenzene (Surr)	100		70 - 130										
1,4-Difluorobenzene (Surr)	101		70 - 130										
Lab Sample ID: LCSD 880-74384/2	2-4						CI	iont	Sam	nde ID: L	ab Control Sa	mnl	יייח פ
Matrix: Solid								ont	Jan	.pic 10. L	Prep Type		
Analysis Batch: 74314			Sniko	LCSD	1.00	n					Prep Bat		74384 RPE
Analyta			Spike Addod				Unit		~	9/ Doo	%Rec		
Analyte			Added	Result	Qua	mer			D	%Rec	Limits R	PD	Limi

Benzene

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2

5

Job ID: 880-40068-1

SDG: Lea County, New Mexico

2

70 - 130

97

0.09672

mg/Kg

0.100

35

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40068-1 SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-7	4384/2-A					Clier	nt Sam	ple ID: I	Lab Contro		
Matrix: Solid										ype: To	
Analysis Batch: 74314										Batch:	
			Spike		LCSD		_		%Rec		RP
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Toluene			0.100	0.08990		mg/Kg		90	70 - 130	1	3
Ethylbenzene			0.100	0.09149		mg/Kg		91	70 - 130	5	3
m-Xylene & p-Xylene			0.200	0.1997		mg/Kg		100	70 - 130	8	3
o-Xylene			0.100	0.09856		mg/Kg		99	70 - 130	7	3
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)			70 - 130								
1,4-Difluorobenzene (Surr)	98		70 - 130								
Lab Sample ID: 880-40068-1	MS							Clien	t Sample II	-	
Matrix: Solid										ype: To	
Analysis Batch: 74314	0	0	0							Batch:	7438
		Sample	Spike	MS	MS		_	~ -	%Rec		
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00198		0.101	0.08814		mg/Kg		87	70 - 130		
Toluene	<0.00198		0.101	0.07729		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00198		0.101	0.08157		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene	<0.00396		0.202	0.1710		mg/Kg		85	70 - 130		
o-Xylene	<0.00198	U	0.101	0.08804		mg/Kg		87	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	95		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								
Lab Sample ID: 880-40068-1	MSD							Clien	t Sample II	D: H-1 (0-0.5
Matrix: Solid									Prep T	ype: To	tal/N
Analysis Batch: 74314									Prep	Batch:	7438
-	Sample	Sample	Spike	MSD	MSD				%Rec		RP
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Benzene	< 0.00198	U	0.100	0.09896		mg/Kg		99	70 - 130	12	3
Toluene	<0.00198		0.100	0.08092		mg/Kg		81	70 - 130	5	3
Ethylbenzene	<0.00198		0.100	0.08920		mg/Kg		89	70 - 130	9	3
m-Xylene & p-Xylene	<0.00396		0.201	0.1837		mg/Kg		92	70 - 130	7	
p-Xylene	<0.00198		0.100	0.09414		mg/Kg		94	70 - 130	7	3
	MSD	MSD									
Surrogate	%Recovery		Limits								
			70 - 130								
4-Bromofluorobenzene (Surr)											

Lab Sample ID: MB 880-74398/1-A Matrix: Solid Analysis Batch: 74445							Client Sa	mple ID: Metho Prep Type: ⊺ Prep Batch	Total/NA
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/29/24 15:18	03/01/24 06:27	1
(GRO)-C6-C10									

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Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

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

Job ID: 880-40068-1 SDG: Lea County, New Mexico

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Lab Sample ID: MB 880-74398/	'1- A										Client Sa	mple ID: N		
Matrix: Solid												Prep Ty	ype: T	otal/N/
Analysis Batch: 74445												Prep	Batch	: 7439
-		ΜВ	МВ											
Analyte	Re	sult	Qualifier	RL		MDL	Unit		D	Р	repared	Analyze	ed	Dil Fa
Diesel Range Organics (Over	<	50.0	U	50.0)		mg/K	g		02/2	29/24 15:18	03/01/24 0	6:27	
C10-C28)														
Oll Range Organics (Over C28-C36)	<	50.0	U	50.0)		mg/K	g		02/2	29/24 15:18	03/01/24 0	6:27	
		ΜВ	МВ											
0	04 D			1 : :4						-		A		D# 5-
Surrogate	%Reco	-	Qualifier	Limits	-				-		Prepared	Analyze		Dil Fa
1-Chlorooctane			S1+	70 - 130							29/24 15:18	03/01/24 0		
o-Terphenyl		148	51+	70 - 130						02/2	29/24 15:18	03/01/24 0	16:27	
Lab Sample ID: LCS 990 74209									0	lone	Comple		ntrol	Compl
Lab Sample ID: LCS 880-74398	D/Z-A								U	iem	l Sample I	ID: Lab Co		
Matrix: Solid												Prep T		
Analysis Batch: 74445				0									Batch	: 7439
				Spike		LCS				-	~ -	%Rec		
Analyte				Added	Result	Qua	lífier	Unit		D	%Rec	Limits		
Gasoline Range Organics				1000	876.9			mg/Kg			88	70 - 130		
GRO)-C6-C10				1000	4000	* ·		ma m // -			100	70 400		
Diesel Range Organics (Over				1000	1332	° +		mg/Kg			133	70 - 130		
C10-C28)														
	LCS	LCS												
Surrogate	%Recovery	Qual	ifier	Limits										
1-Chlorooctane	155	S1+		70 _ 130										
p-Terphenyl	159	S1+		70 - 130										
Analysis Batch: 74445				Spike	LCSD	1.00	- D					Prep Ty Prep %Rec		: 7439 RP
A maluéa				Added				11		D	0/ Daa		RPD	
Analyte				1000	Result 812.2	Qua	liner			_	%Rec	Limits		
Gasoline Range Organics GRO)-C6-C10				1000	012.2			mg/Kg			81	70 - 130	8	o 2
Diesel Range Organics (Over				1000	889.3	*1		mg/Kg			89	70 - 130	40) 2
C10-C28)				1000	000.0	•		ing/itg			00	10 - 100	-10	
	LCSD	LCSI	0											
Surrogate	%Recovery	Qual	ifier	Limits										
1-Chlorooctane	105			70 - 130										
o-Terphenyl	102			70 - 130										
	_											• • • •		(a a -
Lab Sample ID: 880-40068-1 M	5										Client	Sample ID		
Matrix: Solid												Prep T		
Analysis Batch: 74445	. .	•		o									Batch	: 7439
	Sample	-		Spike		MS				_	a / =	%Rec		
Analyte	Result		ifier	Added	Result	Qua	lífier	Unit		<u>D</u>	%Rec	Limits		
Gasoline Range Organics GRO)-C6-C10	<49.7	U		1010	1268			mg/Kg			123	70 - 130		
Diesel Range Organics (Over	<49.7	U *+	*1	1010	914.9			mg/Kg			88	70 - 130		
C10-C28)														
	MS	MS												
Surrogate	%Recovery		ifier	Limits										
1-Chlorooctane		Qual		70 - 130										
	31			.000										

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o-Terphenyl

76

70 - 130

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40068-1 SDG: Lea County, New Mexico

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

	ISD							Clier	nt Sample I		
Matrix: Solid									Prep 1	Гуре: То	tal/NA
Analysis Batch: 74445									Prep	Batch:	74398
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Gasoline Range Organics	<49.7	U	1010	1272		mg/Kg		123	70 - 130	0	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.7	U *+ *1	1010	970.4		mg/Kg		94	70 - 130	6	2
C10-C28)											
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	100		70 - 130								
o-Terphenyl	81		70 - 130								
lethod: 300.0 - Anions, lo Lab Sample ID: MB 880-74274 Matrix: Solid		ography						Client S	Sample ID: Prep	Method Type: S	
Analysis Batch: 74302											
-		MB MB									
Analyte	R	esult Qualifier		RL	MDL Uni	t	DI	Prepared	Analyz	zed	Dil Fa
Chloride	<	5.00 U		5.00	mg/	Kg			02/29/24		
Lab Sample ID: LCS 880-74274	4/2-A						Clien	t Sample	e ID: Lab C	ontrol S	ampl
Matrix: Solid									Prep	Type: S	olubl
Analysis Batch: 74302											
			Spike	LCS	LCS				%Rec		
Analyte			Spike Added		LCS Qualifier	Unit	D	%Rec	%Rec Limits		
						Unit mg/Kg	<u>D</u>	%Rec 101			
Chloride			Added	Result		mg/Kg		101	Limits 90 - 110		
Chloride Lab Sample ID: LCSD 880-742			Added	Result		mg/Kg		101	Limits 90 - 110 Lab Contro		
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid	274/3-A		Added	Result		mg/Kg		101	Limits 90 - 110 Lab Contro	ol Sampl Type: S	
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid			Added	Result		mg/Kg		101	Limits 90 - 110 Lab Contro Prep		
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302	274/3-A		Added 250 Spike	Result 253.3		mg/Kg	ent Sar	101 mple ID:	Limits 90 - 110 Lab Contro Prep %Rec	Type: S	olubl
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte	274/3-A		Added 250 Spike Added	Result 253.3 LCSD Result	Qualifier	mg/Kg Cli		101 mple ID: %Rec	Limits 90 - 110 Lab Contro Prep %Rec Limits	Type: S	olubl RPI Lim
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte	274/3-A		Added 250 Spike	Result 253.3 LCSD	Qualifier	mg/Kg	ent Sar	101 mple ID:	Limits 90 - 110 Lab Contro Prep %Rec	Type: S	olubl RP Lim
Analysis Batch: 74302 Analyte Chloride			Added 250 Spike Added	Result 253.3 LCSD Result	Qualifier	mg/Kg Cli	ent Sar	101 mple ID: %Rec 102	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110	Type: S	olubl RPI Lim 2
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M			Added 250 Spike Added	Result 253.3 LCSD Result	Qualifier	mg/Kg Cli	ent Sar	101 mple ID: %Rec 102	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ht Sample I	Type: S <u>RPD</u> 0 D: H-1 (Olubl RPI Lim 2 0-0.5
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid			Added 250 Spike Added	Result 253.3 LCSD Result	Qualifier	mg/Kg Cli	ent Sar	101 mple ID: %Rec 102	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 ht Sample I	Type: S	oluble RPI Limi 2' 0-0.5'
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M	 IS		Added 250 Spike Added 250	Result 253.3 LCSD Result 253.9	Qualifier LCSD Qualifier	mg/Kg Cli	ent Sar	101 mple ID: %Rec 102	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II Prep	Type: S <u>RPD</u> 0 D: H-1 (oluble RPI Limi 2' 0-0.5'
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302	IS Sample	Sample	Added 250 Spike Added 250 Spike	Result 253.3 LCSD Result 253.9 MS	Qualifier LCSD Qualifier MS	Unit mg/Kg	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II Prep %Rec	Type: S <u>RPD</u> 0 D: H-1 (Olubl RPI Lim 2 0-0.5
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte	IS Sample <u>Result</u>	Sample	Added 250 Spike Added 250 Spike Added	Result 253.3 LCSD Result 253.9 MS Result	Qualifier LCSD Qualifier	Unit	ent Sar	101 mple ID: %Rec 102 Clier %Rec	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II Prep %Rec Limits	Type: S <u>RPD</u> 0 D: H-1 (Olubl RPI Lim 2 0-0.5
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte	IS Sample	-	Added 250 Spike Added 250 Spike	Result 253.3 LCSD Result 253.9 MS	Qualifier LCSD Qualifier MS	Unit mg/Kg	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II Prep %Rec	Type: S <u>RPD</u> 0 D: H-1 (olubl RP Lim 2 0-0.5
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte Chloride Chloride	IS Sample <u>Result</u> 85.0	-	Added 250 Spike Added 250 Spike Added	Result 253.3 LCSD Result 253.9 MS Result	Qualifier LCSD Qualifier MS	Unit	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier <u>%Rec</u> 100	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 M Sample II Prep %Rec Limits 90 - 110	RPD 0 D: H-1 (Type: S	olubi RPI <u>Lim</u> 2 0-0.5' olubi
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M	IS Sample <u>Result</u> 85.0	-	Added 250 Spike Added 250 Spike Added	Result 253.3 LCSD Result 253.9 MS Result	Qualifier LCSD Qualifier MS	Unit	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier <u>%Rec</u> 100	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II 90 - 110 mt Sample II	Type: S <u></u> D: H-1 (Type: S D: H-1 (0lubi RPI 2 0-0.5 0lubi
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid	IS Sample <u>Result</u> 85.0	-	Added 250 Spike Added 250 Spike Added	Result 253.3 LCSD Result 253.9 MS Result	Qualifier LCSD Qualifier MS	Unit	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier <u>%Rec</u> 100	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II 90 - 110 mt Sample II	RPD 0 D: H-1 (Type: S	0lubl RPI 2 0-0.5 0lubl
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M	IS Sample Result 85.0	Qualifier	Added 250 Spike Added 250 Spike Added 252	Result 253.3 LCSD Result 253.9 MS Result 335.8	Qualifier LCSD Qualifier MS Qualifier	Unit	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier <u>%Rec</u> 100	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II Prep %Rec Limits 90 - 110 nt Sample II Prep	Type: S <u></u> D: H-1 (Type: S D: H-1 (01uble RPI Limi 20 0-0.5' 01uble 0-0.5' 01uble
Chloride Lab Sample ID: LCSD 880-742 Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid Analysis Batch: 74302 Analyte Chloride Lab Sample ID: 880-40068-1 M Matrix: Solid	IS Sample Result 85.0 ISD Sample	-	Added 250 Spike Added 250 Spike Added	Result 253.3 LCSD Result 253.9 MS Result 335.8	Qualifier LCSD Qualifier MS	Unit	ient Sar	101 mple ID: <u>%Rec</u> 102 Clier <u>%Rec</u> 100	Limits 90 - 110 Lab Contro Prep %Rec Limits 90 - 110 nt Sample II 90 - 110 mt Sample II	Type: S <u></u> D: H-1 (Type: S D: H-1 (0luble RPI Limi 20 0-0.5' 0luble

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QC Association Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40068-1 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 74189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-74189/5-A	Method Blank	Total/NA	Solid	5035	
Analysis Batch: 74314	l de la companya de l				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Total/NA	Solid	8021B	74384
880-40068-2	H-2 (0-0.5')	Total/NA	Solid	8021B	74384
880-40068-3	H-3 (0-0.5')	Total/NA	Solid	8021B	74384
880-40068-4	H-4 (0-0.5')	Total/NA	Solid	8021B	74384
MB 880-74189/5-A	Method Blank	Total/NA	Solid	8021B	74189
MB 880-74384/5-A	Method Blank	Total/NA	Solid	8021B	74384
LCS 880-74384/1-A	Lab Control Sample	Total/NA	Solid	8021B	74384
LCSD 880-74384/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	74384
880-40068-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	74384
880-40068-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	74384

Prep Batch: 74384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-40068-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-40068-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-40068-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-74384/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-74384/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-74384/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-40068-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-40068-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 74480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-40068-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-40068-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-40068-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 74398

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-40068-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-40068-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-40068-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-74398/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-74398/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-74398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-40068-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-40068-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
Analysis Batch: 74445					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	74398

Eurofins Midland

QC Association Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

GC Semi VOA (Continued)

Analysis Batch: 74445 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	74398
880-40068-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	74398
880-40068-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	74398
MB 880-74398/1-A	Method Blank	Total/NA	Solid	8015B NM	74398
LCS 880-74398/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	74398
LCSD 880-74398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	74398
880-40068-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	74398
880-40068-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	74398

Analysis Batch: 74669

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-40068-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-40068-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-40068-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

Leach Batch: 74274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-40068-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-40068-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-40068-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-74274/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-74274/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-74274/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-40068-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-40068-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 74302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-40068-1	H-1 (0-0.5')	Soluble	Solid	300.0	74274
880-40068-2	H-2 (0-0.5')	Soluble	Solid	300.0	74274
880-40068-3	H-3 (0-0.5')	Soluble	Solid	300.0	74274
880-40068-4	H-4 (0-0.5')	Soluble	Solid	300.0	74274
MB 880-74274/1-A	Method Blank	Soluble	Solid	300.0	74274
LCS 880-74274/2-A	Lab Control Sample	Soluble	Solid	300.0	74274
LCSD 880-74274/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	74274
880-40068-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	74274
880-40068-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	74274

Job ID: 880-40068-1

SDG: Lea County, New Mexico

Lab Chronicle

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: H-1 (0-0.5') Date Collected: 02/26/24 00:00 Da

ate Received: 02/28/24 1	4:05
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Client Sample ID: H-2 (0-0.5')

Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

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	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	74384	02/29/24 13:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74314	03/01/24 00:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			74480	03/01/24 00:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			74669	03/01/24 08:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	74398	02/29/24 15:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 08:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 08:03	СН	EET MID

Lab Sample ID: 880-40068-2

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Matrix: Solid

Lab Sample ID: 880-40068-3

Lab Sample ID: 880-40068-4

Matrix: Solid

	Batch	Batch			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	74384	02/29/24 13:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74314	03/01/24 00:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			74480	03/01/24 00:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			74669	03/01/24 10:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	74398	02/29/24 15:18	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 10:04	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 08:25	СН	EET MID

Client Sample ID: H-3 (0-0.5') Date Collected: 02/26/24 00:00

Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			4.97 g	5 mL	74384	02/29/24 13:08	EL	EET MID	
Total/NA	Analysis	8021B		1	5 mL	5 mL	74314	03/01/24 01:06	MNR	EET MID	
Total/NA	Analysis	Total BTEX		1			74480	03/01/24 01:06	SM	EET MID	
Total/NA	Analysis	8015 NM		1			74669	03/01/24 10:26	SM	EET MID	
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	74398	02/29/24 15:18	ткс	EET MID	
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 10:26	SM	EET MID	
Soluble	Leach	DI Leach			5.05 g	50 mL	74274	02/28/24 14:59	СН	EET MID	
Soluble	Analysis	300.0		1			74302	02/29/24 12:28	СН	EET MID	

Client Sample ID: H-4 (0-0.5') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	74384	02/29/24 13:08	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	74314	03/01/24 01:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			74480	03/01/24 01:27	SM	EET MID

Eurofins Midland

Matrix: Solid

Matrix: Solid

Job ID: 880-40068-1

SDG: Lea County, New Mexico

Lab Sample ID: 880-40068-1

Released to Imaging: 5/7/2024 1:23:19 PM

Lab Chronicle

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24)

Client Sample ID: H-4 (0-0.5') Date Collected: 02/26/24 00:00 Date Received: 02/28/24 14:05

	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			74669	03/01/24 10:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	74398	02/29/24 15:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	74445	03/01/24 10:48	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	74274	02/28/24 14:59	СН	EET MID
Soluble	Analysis	300.0		1			74302	02/29/24 12:37	СН	EET MID

Laboratory References:

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

Job ID: 880-40068-1 SDG: Lea County, New Mexico

Lab Sample ID: 880-40068-4

Matrix: Solid

Eurofins Midland

Released to Imaging: 5/7/2024 1:23:19 PM

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40068-1 SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

uthority	Program	n	Identification Number	Expiration Date			
exas	NELAP		T104704400-23-26	06-30-24			
	owing analytes are included in this report, but the laboratory is not ce h the agency does not offer certification .						
for which the agency of	oes not offer certification.	,	, , , , , ,	t may include analytes			
• ,		the laboratory is not certif <u>Matrix</u> Solid	ied by the governing authority. This lis Analyte Total TPH	t may include analytes			

Eurofins Midland

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Method Summary

Client: Carmona Resources Project/Site: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40068-1 SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
3021B	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

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: Coonskin Fee 28D CTB Flare Fire (02.18.24) Job ID: 880-40068-1 SDG: Lea County, New Mexico

ab Sample ID	Client Sample ID	Matrix	Collected	Received	
80-40068-1	H-1 (0-0.5')	Solid	02/26/24 00:00	02/28/24 14:05	
80-40068-2	H-2 (0-0.5')	Solid	02/26/24 00:00	02/28/24 14:05	
80-40068-3	H-3 (0-0.5')	Solid	02/26/24 00:00	02/28/24 14:05	
80-40068-4	H-4 (0-0.5')	Solid	02/26/24 00:00	02/28/24 14:05	
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Chain of Custody

Project Manager	Conner Moehr	ng			Bill to (if	different)		Carm	nona R	esource	s							880-	4006	8 Cha	in of	Custody	a
Company Name	Carmona Reso	ources			Compan											Brog	 ram	IST/P	ет 🟳				
Address:	310 W Wall St	Ste 500			Address			1						•		Program UST/PST PRP srownfields RC State of Project:						uperfund	
City, State ZIP	Midland, TX 79	0701										eporting Level IILevel IIIPST/USTRRPLevel IV											
Phone:	432-813-6823			Email	it mcarmona@carmonaresources.com						s. ED			ADaP									
Project Name	Coonskin I	ee 28D CTB	Flare Fire (02 18 24)	Turr	Around				•				ΔΝΔΙ	YSIS		IFET						Bassar	0
Project Number		228		Routine	Rus	h	Pres. Code	1	T			T		1313			T	T	T	1	1	1	tive Codes
Project Location		_ea County, N	lew Mexico	Due Date.	72	HR	COUC		1	<u>†</u>			+				<u> </u>				+	None NO	DI Water H ₂ O
Sampler's Name		GPJ/		<u>, suc succ</u>	1				MRO)			1										Cool Cool	MeOH Me
PO #:				1	~		ys.		HM +													HCL HC H₂S0₄ H₂	HNO₃. HN NaOH Na
SAMPLE RECE	IPT Jer	np Blank:	Yes No	Wet Ice:	(Yes	No	eter	_	SR 0	8												H_3PO_4 HP	NaOH Na
Received Intact:	('Ye	s No	Thermometer ID			Yes No Yes No 		BTEX 8021B	H	Chloride 300.0												NaHSO ₄ . NABIS	
Cooler Custody Sea		NO NTA	Correction Factor)			Ä	GRC	orid												Na ₂ S ₂ O ₃ NaSO	
Sample Custody Sea	als. Yes	s No / N/A / Temperature Reading /		-1.ª	g	6	TPH 8015M (GRO + DRO	ਤ												Zn Acetate+NaC			
Total Containers	corrected Temperature		Corrected Temperature:			1	4]	1 801				1									NaOH+Ascorbic	
Sample Ide	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		4													Sample C	Comments
H-1 (0-	-0 5')	2/26/2024		x		G	1	X	X	X		1	†					+	┼				
H-2 (0-	-0 5')	2/26/2024		X		G	1	X	x	X		†	†					+		-	+		
H-3 (0	-0 5')	2/26/2024		X		G	1	X	X	X		<u>†</u>	 						+			1	
H-4 (0-	-0 5')	2/26/2024		X		G	1	X	X	X								+		+	+		
					<u> </u>													1		1	1		
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Comments. Ema	II to Mike Carm	ona / Mcarm	ona@carmonaresource	s.com and Co	onner Mo	ehring /	Cmoeh	ring@	Dcarm	ionare	sourc	es.co	m										
		Relinquis	hed by (Signature)				T	Date/	Time						Recei	veolb	y (Si	anatu	re	<u> </u>			Date/Time
									~ <u> </u>	·····				-		\mathcal{X}	$\overline{\mathcal{I}}$	Ð	7	e			
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Released to Imaging: 5/7/2024 1:23:19 PM



Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 40068 List Number: 1

<6mm (1/4").

Creator: Rodriguez, Leticia

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

Job Number: 880-40068-1 SDG Number: Lea County, New Mexico List Source: Eurofins Midland



March 13, 2024

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

RE: COONSKIN FEE 28D CTB FLARE FIRE (02.18.24)

Enclosed are the results of analyses for samples received by the laboratory on 03/12/24 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 1 (0.5') (H241271-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	5.17	
Toluene*	<0.050	0.050	03/13/2024	ND	2.17	108	2.00	4.59	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.09	105	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.32	105	6.00	3.87	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	15.6	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 2 (0.5') (H241271-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	5.17	
Toluene*	<0.050	0.050	03/13/2024	ND	2.17	108	2.00	4.59	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.09	105	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.32	105	6.00	3.87	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	55.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 3 (0.5') (H241271-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	72.9	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	15.3	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 4 (0.5') (H241271-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 5 (0.5') (H241271-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 6 (0.5') (H241271-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 7 (0.5') (H241271-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: CS - 8 (0.5') (H241271-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 1 (0.5') (H241271-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 2 (0.5') (H241271-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 3 (0.5') (H241271-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	1.97	98.7	2.00	4.05	
Toluene*	<0.050	0.050	03/13/2024	ND	2.12	106	2.00	9.28	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.13	107	2.00	4.50	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	6.17	103	6.00	2.58	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	215	108	200	1.65	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	211	105	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 4 (0.5') (H241271-12)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 5 (0.5') (H241271-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 6 (0.5') (H241271-14)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	<i>93.8</i>	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 7 (0.5') (H241271-15)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 8 (0.5') (H241271-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	11.6	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 9 (0.5') (H241271-17)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	92.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: SW - 10 (0.5') (H241271-18)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/13/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	87.0 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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																						Page_	1	_of2_	
						Bill to: (if	different)		Carmo	ona Re	sources	s							٧	Vork C	rder (Comments	3		
Project Manager:	Conner M					Company	Contraction of the second									Program: UST/PST PRP rownfields RRC uperfund									
Company Name:		Resources					Name.									Sta	ate of P	roject:							
Address:	310 W Wa	all St Ste 5	500			Address:			-							Re	porting	Level	1 🗌 Le	evel III	Ŀsт		RP [Level IV	
City, State ZIP:	Midland, 7	TX 79701				City, State ZIP: Email: mcarmona@carmonaresources.com								Deliverables: EDD ADaPT Other:											
Phone:	101e. 432-010 0020					mcarmo	na@car	monares	source	s.com															
Project Name:	oject Name: Cooliskii i ee 200 of b Hare i we (content i)				Turn	Around							A	NALY	SIS RE	QUES	T	-	1	-	1			e Codes	
	oject Number: 2282				Routine	Rust	n	Pres. Code							_	+	+	+	+	+		None: NO		DI Water: H ₂ C	
Project Location		Lea C	county. Ne	ew Mexico	Due Date:	24	HR															Cool: Cool		MeOH: Me	
Sampler's Name:		200 0	IR							ARO												HCL: HC		HNO ₃ : HN NaOH: Na	
PO #:								S.		+												H ₂ S0 ₄ : H ₂		NaOH. INd	
	SAMPLE RECEIPT Temp Blank: Yes Yes Received Intact: Yes No Thermometer ID: Cooler Custody Seals: Yes No Correction Factor:		Yes No	Wet Ice:	Yes	No	Parameters	8	DRG	4500											H ₃ PO ₄ : HP				
			A DESCRIPTION OF THE OWNER OWNE		14	0	aran	8021B	÷	de 4											NaHSO4: N				
			Correction Factor:		-		ä	Parameters BTEX 8021B BTEX 8021B Chloride 4500													Na ₂ S ₂ O ₃ : N	te+NaOH: Zn			
Sample Custody Se				Temperature Reading:		Sile			-	15M	σ											NaOH+Aso			
Total Containers:		3		Corrected Temperature:		-				H 80												NaOrtrAst		DIG. ORI O	
Sample Ide	ntification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP										_		Sam	ple Co	omments	
CS-1	(0.5')	3/*	12/2024		Х		C	1	Х	Х	Х					\rightarrow	_	_	_	+	+	<u> </u>			
		3/*	12/2024		Х		С	1	X	Х	Х					\rightarrow	-	+	_	+	+	<u> </u>			
CS-2 CS-3		3/*	12/2024		Х		С	1	X	X	Х				_	+	+	+	+	+	+	<u> </u>			
CS-4	(0.5')	3/*	12/2024		Х		C	1	X	X	Х					+	+	_	+	+-	+	<u> </u>			
CS-5	(0.5')	3/	12/2024		Х		C	1	X	X	Х					+	+	_	+	+	+	<u> </u>			
0.00		3/	12/2024		Х		С	1	X	X	Х					_	_	+	+	_	-	<u> </u>			
CS-7		3/	12/2024		Х		C	1	X	X	X					+	-	+	+	+-	+	<u> </u>			
	(0.5')	3/	12/2024		Х		C	1	X	X	X					+	_	+	+	+	+	<u> </u>			
CS-8 SW-1	(0.5')	3/	12/2024		Х		C	1	X	X	Х					\rightarrow	_	+	+	+	+	<u> </u>			
SW-2	(0.5')	3/	12/2024		Х		С	1	X	X	X														
Comments: Ema	ail to Mike	Carmona	/ Mcarmo	ona@carmonaresource	s.com and Co	onner Mo	oehring	/ Cmoel	hring(@carm	ionare	sourc	es.col	m											
		1	Relinquiet	ned by: (Signature)					Date	Time				/	R	eceive	ed by:	Signa	ture)	/	1		Dr	ate/Time	
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Page 110 of 124

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Chain of Custody

Received by (Signature)

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Page 22 of 22

ompany Name:	Conner Moehrin Carmona Reso				Bill to: (if d	incrency	AND A DECK	00000		sources													
	Carmona Reso	urces													Progr	am: US	ST/PS1		P	Brown	fields RRC	uperfund	
ddress:					Company Address:	Indiffe.									State	of Proj	ject:						
A CONTRACTOR OF	310 W Wall St				City, State ZIP:							Reporting:Level II Level III PST/UST RRP Level IV											
ity, State ZIP:	Midland, TX 79	1701					-									rables:					PT Other:		
hone: 4	432-813-6823			Email	I: mcarmo	na@cari	nonares	source	S.COM	10000000											Desserve	tive Codes	
roject Name:	Coonskin F	ee 28D CTB	Flare Fire (02.18.24)		n Around		Pres.					AN	ALYS	S REC	UEST		- 1	- 1				DI Water: H	
roject Number:			Rush	1	Code					-+	+	-						_	None: NO				
roject Location	L	ea County, N	ew Mexico	Due Date:	24	HR			~												Cool: Cool	MeOH: Me HNO ₃ : HN	
ampler's Name:		IR							+ MRO)												HCL: HC H ₂ S0 ₄ : H ₂	NaOH: Na	
0#:							ers		+												H ₂ SO ₄ . H ₂ H ₃ PO ₄ : HP	114011.114	
AMPLE RECEIP	Tem	np Blank:	Yes No	Wet Ice:	Yes	No	met	21B	TPH 8015M (GRO + DRO	Chloride 4500											NaHSO4: NABIS	s	
eceived Intact:	Te	No No	Thermometer ID:	740		Parameters		BTEX 8021B	5 L	ride											Na ₂ S ₂ O ₃ : NaSC		
ooler Custody Seals:			Correction Factor:			70		BTE	9) M	ollo											Zn Acetate+Na		
Sample Custody Seal					SI	lè			0151	Ŭ											NaOH+Ascorbio	c Acid: SAPC	
otal Containers:		-	Corrected Temperature:	-		Grab/			PH 8														
Sample Ident	tification	Date	Time	Soil	Water	Comp	# of Cont							_					_		Sample	Comments	
SW-3 (0	0.5')	3/12/2024		X		С	1	X	Х	Х		_	+	-	-								
SW-4 (0).5')	3/12/2024		X		С	1	X	Х	Х			+	+	-	\vdash			_				
SW-5 (0	0.5')	3/12/2024		X		C	1	X	Х	Х		_	+	+	-	\vdash			_				
SW-6 (0).5')	3/12/2024		X		C	1	X	Х	Х			+	+	-	\vdash			_				
SW-7 (0	0.5')	3/12/2024		X		C	1	X	Х	Х			_	_	+			\vdash					
SW-8 (0	0.5')	3/12/2024		X		C	1	X	Х	Х			+	_	+								
SW-9 (0).5')	3/12/2024		X		C	1	X	Х	Х			+	_	-				_	-			
SW-10 (0.5')	3/12/2024		X		C	1	X	Х	Х			+	_	+	-							
													+	_	+			$\left \right $					

Relinquished by: (Signature)	Date/Time
	3-12-24 1700

all the state

Date/Time

and the start



March 13, 2024

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

RE: COONSKIN FEE 28D CTB FLARE FIRE (02.18.24)

Enclosed are the results of analyses for samples received by the laboratory on 03/12/24 17:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	03/12/2024	Sampling Date:	03/12/2024
Reported:	03/13/2024	Sampling Type:	Soil
Project Name:	COONSKIN FEE 28D CTB FLARE FIRE (02	Sampling Condition:	Cool & Intact
Project Number:	2282	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: BATTLE AXE PIT (H241273-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/13/2024	ND	2.20	110	2.00	2.49	
Toluene*	<0.050	0.050	03/13/2024	ND	2.47	123	2.00	12.8	
Ethylbenzene*	<0.050	0.050	03/13/2024	ND	2.50	125	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/13/2024	ND	7.43	124	6.00	13.7	
Total BTEX	<0.300	0.300	03/13/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/13/2024	ND	464	116	400	3.51	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	194	97.1	200	1.07	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	208	104	200	0.706	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	74.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: <u>H241273</u>

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Project Manager:	Conner	Moehrin	ng			Bill to: (if	different)		Carm	ona Re	source	s								W	ork O	rder (Comments							
Company Name:						Company	y Name:										Progr	am: U	ST/PS	т 🛛 Р	RP [Brown	nfields RRC	_uperfund _						
Address:	310 W	Wall St	Ste 500			Address:											State		-					_						
City, State ZIP:	Midland	d, TX 79	701			City, Stat	te ZIP:														el III	⊡•st/	UST TRRP	Level IV						
Phone:	432-81	3-6823			Email:	mcarmo	ona@car	monare	source	es.con	1			2			Delive	rables	EDD			ADaPI	T D Other							
Project Name:	Co	onskin F	ee 28D CTB	Flare Fire (02.18.24)	Turn	Around							ļ	ANAL	YSIS I	REQU	EST						Preserva	ative Codes						
Project Number:		onoran	228		Routine			✓ Rush						Pres. Code															None: NO	DI Water: H ₂ O
Project Location		1			Due Date:	24 HR		Couc															Cool: Cool	MeOH: Me						
Sampler's Name:		Lea County, New Mexico Due Date:								+ MRO)													HCL: HC	HNO3: HN						
PO#:					1			۶ ۲		¥													H ₂ S0 ₄ : H ₂	NaOH: Na						
SAMPLE RECE	IPT	Tem	ip Blank:	Yes No	Wet Ice:	Yes		nete	ŧ	+ DRO	4500												H ₃ PO ₄ : HP							
Received Intact:		Yes	s) No	Thermometer ID:		140	0	Parameters	BTEX 8021B	+ 0	de 4												NaHSO ₄ : NABI							
Cooler Custody Sea			No (N/A)	Correction Factor:		-		a l	TEX	TPH 8015M (GRO	Chloride												Na ₂ S ₂ O ₃ : NaSC							
Sector and the sector of the s	ample Custody Seals: Yes No (V/A) Temperature Reading:			5.	10		-	15M	ö												Zn Acetate+Na									
Total Containers:		Corrected Temperature:		-	_		1	H 80													NaOH+Ascorbi	C ACIO: SAPL								
Sample Ide	ntification	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽													Sample	Comments						
Battle A	xe Pit		3/12/2024		Х		C	1	X	Х	Х																			
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Comments: Emai	il to Mik	e Carmo	ona / Mcarmo	ona@carmonaresource	es.com and Co	nner Mo	ehring /	Cmoeh	ring@)carm	onare	sourc	es.cor	n																
			Relinguist	ned by: (Signature)					Date/	Time		0		1	I	Receiv	ved by	: (Sig	natur	Æ) /	/	/		Date/Time						
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District III

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 328755

	QUESTIONS
Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	328755
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites							
Incident ID (n#)	nAPP2404951211						
Incident Name	NAPP2404951211 COONSKIN FEE 28D CTB @ 0						
Incident Type	Oil Release						
Incident Status	Reclamation Report Received						
Incident Facility	[fAPP2135130341] Coonskin Fee 28D Battery						

Location of Release Source

Please answer all the questions in this group.	
Site Name	Coonskin Fee 28D CTB
Date Release Discovered	02/18/2024
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 the volumes provided should be attached to the follow-up C-141 submission. Cause: Other | Other (Specify) | Crude Oil | Released: 1 BBL | Recovered: 0 BBL | Lost: 1 BBL. Crude Oil Released (bbls) Details 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 Not answered. Other, Specify, Unknown, and/or Fire, or any negative lost amounts)

District I

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District III

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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 328755

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	328755
	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. gas only) are to be submitted on the C-129 form

Initial Response The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. The source of the release has been stopped True The impacted area has been secured to protect human health and the True environment Released materials have been contained via the use of berms or dikes, absorbent True pads, or other containment devices All free liquids and recoverable materials have been removed and managed True appropriately emergency services were not notified, the fire burned itself out, the release was confined to If all the actions described above have not been undertaken, explain why the well pad directly under the flare Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Name: Brittany Esparza

I hereby agree and sign off to the above statement
Title: Environmental Technician
Email: brittany.Esparza@ConocoPhillips.com
Date: 04/02/2024

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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District III

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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

Page 118 of 124

Action 328755

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QUESTIONS (continued)		
	OGRID:	

Operator.	UGRID.
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	328755
	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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	id the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Νο

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 232 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 98 GRO+DRO (EPA SW-846 Method 8015M) 98 BTEX (EPA SW-846 Method 8021B or 8260B) 0.3 (EPA SW-846 Method 8021B or 8260B) Benzene 0.5 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 03/12/2024 On what date will (or did) the final sampling or liner inspection occur 03/12/2024 On what date will (or was) the remediation complete(d) 03/14/2024 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 1408 What is the estimated volume (in cubic yards) that will be remediated 40 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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District III

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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

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QUESTIONS, Page 4

Action 328755

QUESTI	ONS (continued)
Operator: COG OPERATING LLC	OGRID: 229137
600 W Illinois Ave Midland, TX 79701	Action Number: 328755
	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 This remediation will (or is expected to) utilize the following processes to remediate	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Coonskin Fee 28D Battery [fAPP2135130341]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef- which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by idequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 04/02/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accorsignificantly deviate from the remediation plan proposed, then it should consult with the division to d	rdance with the physical realities encountered during remediation. If the responsible party has any need to etermine if another remediation plan submission is required.

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Action 328755

QUESTIONS (continued)	
Operator: COG OPERATING LLC	OGRID: 229137
600 W Illinois Ave Midland, TX 79701	Action Number: 328755
	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

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QUESTIONS, Page 6

Action 328755

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QUESTIONS (continued) Operator: OGRID: COG OPERATING LLC 229137 600 W Illinois Ave Action Number Midland, TX 79701 328755 Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	321346
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/12/2024
What was the (estimated) number of samples that were to be gathered	18
What was the sampling surface area in square feet	3500

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	1408	
What was the total volume (cubic yards) remediated	40	
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)	N/A	
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: 04/02/2024

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QUESTIONS, Page 7

Action 328755

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	328755
	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	1408			
What was the total volume of replacement material (in cubic yards) for this site	40			
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable mater to establish vegetation at the site, whichever is greater.				
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)	04/02/2024			
Summarize any additional reclamation activities not included by answers (above)	Spill on pad no reseeding needed The caliche used for backfill was sampled and was below thresholds, and the material is clean. The data are in Table 2.			
	eclamation 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 ses 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 ally 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: 04/02/2024			

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QUESTIONS (continued) Operator: OGRID: COG OPERATING LLC 229137 600 W Illinois Ave Action Number: Midland, TX 79701 328755 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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Action 328755

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	328755
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created	Condition	Condition
Ву		Date
nvelez	None	5/7/2024