



SITE INFORMATION

Closure Report
Daisy State 24 CTB (11.11.2023)
Incident #: NAPP2333835289
Eddy County, New Mexico
Unit B Sec 23 T25S R37E
32.1207°, -104.1585°

Crude Oil & Produced Water Release
Point of Release: Failed Check Valve
Release Date: 11.11.2023
Volume Released: 4 Barrels of Crude Oil
Volume Released: 3.8 Barrels of Produced Water
Volume Recovered: 2 Barrels of Crude Oil
Volume Recovered: 1 Barrel of Produced Water

CARMONA RESOURCES



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

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

TABLE OF CONTENTS

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

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	INITIAL AND FINAL C-141
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS

December 27, 2023

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

**Re: Closure Report
Daisy State 24 CTB (11.11.2023)
Concho Operating, LLC
Site Location: Unit B, S23, T25S, R37E
(Lat 32.1207°, Long -104.1585°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Daisy State 24 CTB. The site is located at 32.1207°, -104.1585° within Unit B, S23, T25S, R37E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 11, 2023, caused by a failed check valve, resulting in the release of crude oil and produced water. It resulted in approximately four (4) barrels of crude oil, three-point eight (3.8) barrels of produced water, and two (2) barrels of crude oil, one (1) barrel of produced water 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 high 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 1.19 miles Southeast of the site in S25, T25S, R27E and was drilled in 2016. The well has a reported depth to groundwater of 12 feet below the ground surface (ft bgs). A copy of the associated point of diversion summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria 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

Initial Assessment

On December 7, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of four (4) sample points (S-1 through S-4) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 4.0' bgs inside and around the perimeter of the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported

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



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

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD web portal on December 13, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of seventeen (17) confirmation floor samples were collected (CS-1 through CS-17), and nine (9) sidewall samples (SW-1 through SW-9) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 120 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 spill. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring
Sr. Project Manager

Ashton Thielke
Sr. Project Manager

FIGURES

CARMONA RESOURCES





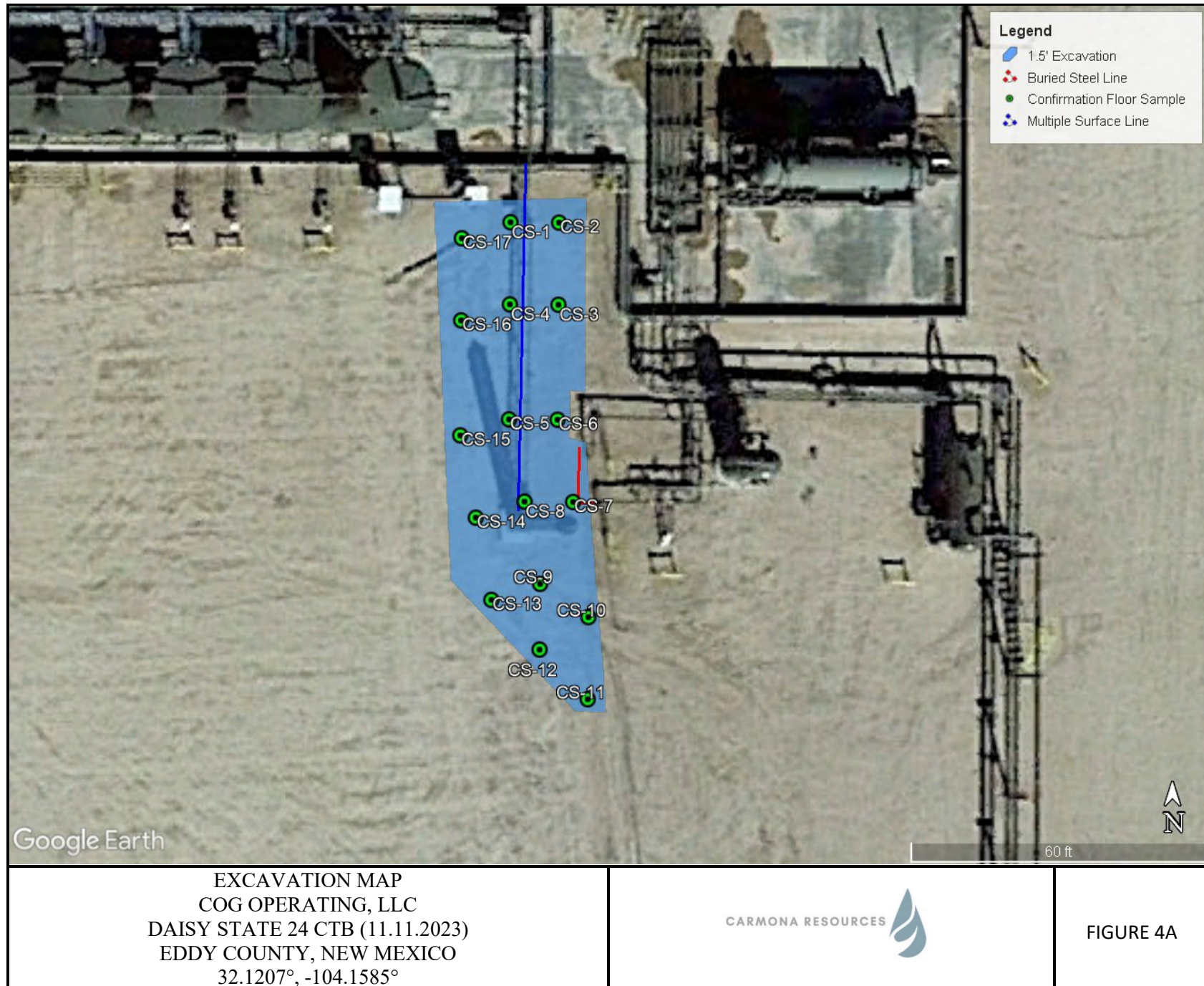


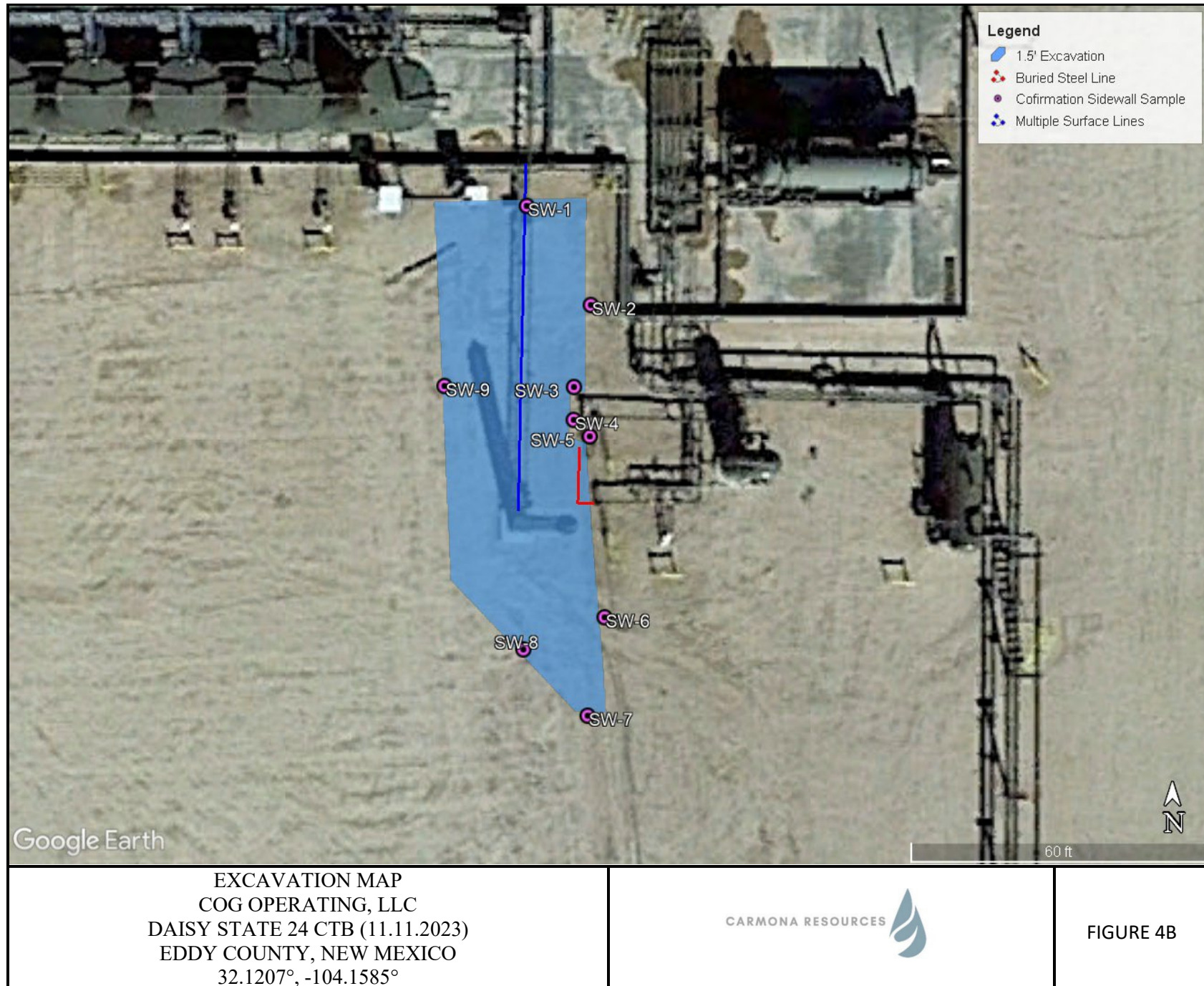


SAMPLE LOCATION MAP
COG OPERATING, LLC
DAISY STATE 24 CTB (11.11.2023)
EDDY COUNTY, NEW MEXICO
32.1207°, -104.1585°



FIGURE 3





APPENDIX A

CARMONA RESOURCES



Table 1
COG Operating
Daisy 24 State Com Battery (11.11.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	12/7/2023	0-1'	<49.5	<49.5	<49.5	<49.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	935
	"	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	349
	"	2.0'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	494
	"	3.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	275
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	207
S-2	12/7/2023	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	115
	"	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	59.0
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	54.4
	"	3.0'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.8
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.01
S-3	12/7/2023	0-1'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	132
	"	1.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	106
	"	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.6
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	320
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	77.7
S-4	12/7/2023	0-1'	<49.6	72.4	<49.6	72.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	619
	"	1.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	179
	"	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	252
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	66.8
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	77.3
H-1	12/7/2023	0-0.5'	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	186
H-2	12/7/2023	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.2
H-3	12/7/2023	0-0.5'	<50.1	64.6	<50.1	64.6	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	139
H-4	12/7/2023	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	96.9
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Points

(H) Horizontals

 Removed

Table 2
COG Operating
Daisy 24 State Com Battery (11.11.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-3	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-5	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-8	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-13	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-15	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-17	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-1	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-7	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	12/18/2023	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Floor Sample

(SW) Confirmation Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 1****Facility:** Daisy State 24 CTB (11.11.2023)**County:** Eddy County, New Mexico**Description:**

View South of CS-1 through CS-10.

**Photograph No. 2****Facility:** Daisy State 24 CTB (11.11.2023)**County:** Eddy County, New Mexico**Description:**

View Southeast of CS-7 through CS-13

**Photograph No. 3****Facility:** Daisy State 24 CTB (11.11.2023)**County:** Eddy County, New Mexico**Description:**

View North of CS-1 through CS-14.



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 4****Facility:** Daisy State 24 CTB (11.11.2023)**County:** Eddy County, New Mexico**Description:**

View North of CS-14 through CS-17.

**Photograph No. 5****Facility:** Daisy State 24 CTB (11.11.2023)**County:** Eddy County, New Mexico**Description:**

View North of CS-15 through CS-17.



APPENDIX C

CARMONA RESOURCES



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

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

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

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)

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

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice 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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
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: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Spill Calculation - On-Pad Surface Pool Spill

Received by OCD: 1/23/2024 10:18:13 AM

Page 20 of 147

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated Pool Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	40	3	0.5	120.00	0.89	0.00	0.89		0.00	0.89
Rectangle B	36	20	0.5	720.00	5.34	0.00	5.35		0.00	5.35
Rectangle C	27	20	0.2	540.00	1.60	0.00	1.60		0.00	1.60
Rectangle D				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00		0.00	0.00
Total Surface Pool Volume Released, Release to Soil/Caliche:							7.8463		0.0000	7.8463

Released to Imaging: 4/9/2024 2:03:34 PM

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

Action 290684

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 290684
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333835289
Incident Name	NAPP2333835289 DAISY STATE 24 CTB @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2203350881] Daisy 24 State Com Battery

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Daisy State 24 CTB
Date Release Discovered	11/11/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Valve Crude Oil Released: 4 BBL Recovered: 2 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 4 BBL Recovered: 1 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	calculations attached to Initial C-141

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 290684

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 290684
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 12/04/2023
--	---

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 3

Action 290684

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 290684
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

Action 290684

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 290684
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	12/4/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.☐ Field data☐ Data table of soil contaminant concentration data☐ Depth to water determination☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release☐ Boring or excavation logs☐ Photographs including date and GIS information☐ Topographic/Aerial maps☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX D

CARMONA RESOURCES

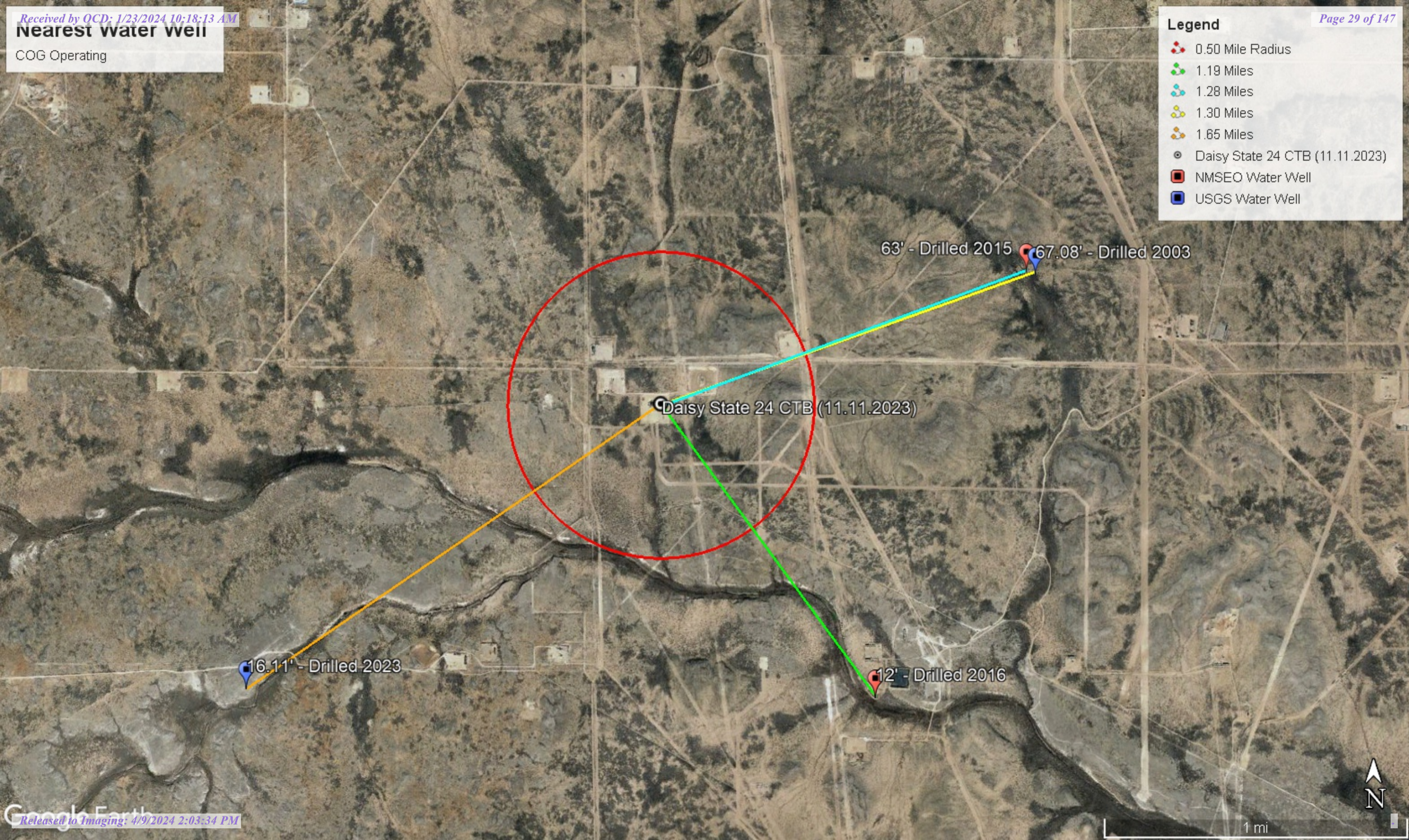


Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 1.19 Miles
- 1.28 Miles
- 1.30 Miles
- 1.65 Miles
- Daisy State 24 CTB (11.11.2023)
- NMSEO Water Well
- USGS Water Well



High Karst

COG Operating

Legend

- Daisy State 24 CTB (11.11.2023)
- High
- Medium

Daisy State 24 CTB (11.11.2023)



1 mi



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03938 POD1	CUB	ED	2	2	2	25	25S	27E	581482	3552616		1913	21	12	9
C 03861 POD1	C	ED	4	2	3	18	25S	28E	582266	3554864		2049	91	63	28
C 03262 POD1	CUB	ED	2	1	2	22	25S	27E	577837	3554244*		2507	75		
C 04371 POD1	CUB	ED	3	3	4	26	25S	27E	579369	3551272		3041	100	69	31
C 03263 POD1	CUB	ED	1	1	1	07	25S	28E	581628	3557501*		3584	133		
C 01573 POD1	C	ED	3	1	4	20	25S	28E	584144	3553361		3882	176	96	80

Average Depth to Water: **60 feet**

Minimum Depth: **12 feet**

Maximum Depth: **96 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 580343.17

Northing (Y): 3554154.2

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.

10/9/23 9:30 AM


Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03938 POD1	2	2	2	25	25S	27E	581482	3552616 
<hr/>									
Driller License: 1711		Driller Company:				STRAUB CORPORATION			
Driller Name: EDWARD BRYAN									
Drill Start Date: 03/08/2016		Drill Finish Date:				03/08/2016		Plug Date:	
Log File Date: 03/22/2016		PCW Rcv Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size: 2.00		Depth Well:				21 feet		Depth Water: 12 feet	
<hr/>									
		Casing Perforations:			Top	Bottom			
					6	21			
<hr/>									

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.


10/9/23 9:36 AM

POINT OF DIVERSION SUMMARY



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 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03861 POD1	4	2	3	18	25S	28E	582266	3554864 
<hr/>									
Driller License: 1348		Driller Company:		TAYLOR WATER WELL SERVICE					
Driller Name:		TAYLOR, CLINTON E.							
Drill Start Date: 04/26/2015		Drill Finish Date:		04/30/2015		Plug Date:			
Log File Date: 05/04/2015		PCW Rcv Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		100 GPM	
Casing Size: 6.00		Depth Well:		91 feet		Depth Water:		63 feet	
<hr/>									
Water Bearing Stratifications:				Top	Bottom	Description			
				68	91	Other/Unknown			
<hr/>									
Casing Perforations:				Top	Bottom				
				71	91				
<hr/>									


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.

10/9/23 9:40 AM

POINT OF DIVERSION SUMMARY

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
				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: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320738104073301

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320738104073301 25S.28E.18.32441

Eddy County, New Mexico
Latitude 32°07'37.3", Longitude 104°07'38.5" NAD83
Land-surface elevation 3,030.80 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1948-12-06			D	62610	2963.93	NGVD29	1	Z		
1948-12-06			D	62611	2965.54	NAVD88	1	Z		
1948-12-06			D	72019	66.87		1	Z		
1978-01-12			D	62610	2963.55	NGVD29	1	Z		
1978-01-12			D	62611	2965.16	NAVD88	1	Z		
1978-01-12			D	72019	67.25		1	Z		
1983-02-01			D	62610	2966.25	NGVD29	1	Z		
1983-02-01			D	62611	2967.86	NAVD88	1	Z		
1983-02-01			D	72019	64.55		1	Z		
1987-10-13			D	62610	2965.34	NGVD29	1	Z		
1987-10-13			D	62611	2966.95	NAVD88	1	Z		
1987-10-13			D	72019	65.46		1	Z		
1988-04-07			D	62610	2965.51	NGVD29	1	Z		
1988-04-07			D	62611	2967.12	NAVD88	1	Z		
1988-04-07			D	72019	65.29		1	Z		

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	
1992-11-04	D	62610	2963.59	NGVD29	P	S	
1992-11-04	D	62611	2965.20	NAVD88	P	S	
1992-11-04	D	72019	67.21		P	S	
1998-01-23	D	62610	2966.13	NGVD29	1	S	
1998-01-23	D	62611	2967.74	NAVD88	1	S	
1998-01-23	D	72019	64.67		1	S	
2003-01-24	D	62610	2963.72	NGVD29	1	S	USGS
2003-01-24	D	62611	2965.33	NAVD88	1	S	USGS
2003-01-24	D	72019	67.08		1	S	USGS

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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions or Comments](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)


Accessibility FOIA Privacy Policies and Notices
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320738104073301&agency_cd=USGS&format=html



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2023-10-09 11:42:56 EDT
0.34 0.3 nadww01

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	? S
				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: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320627104101801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320627104101801 25S.27E.27.21242

Eddy County, New Mexico
Latitude 32°06'25.92", Longitude 104°10'27.98" NAD83
Land-surface elevation 3,064 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1983-02-02			D 62610		3049.96	NGVD29	1		Z	
1983-02-02			D 62611		3051.58	NAVD88	1		Z	
1983-02-02			D 72019	12.42			1		Z	
1987-10-09			D 62610		3051.85	NGVD29	1		Z	
1987-10-09			D 62611		3053.47	NAVD88	1		Z	
1987-10-09			D 72019	10.53			1		Z	
1992-12-08			D 62610		3050.12	NGVD29	1		S	
1992-12-08			D 62611		3051.74	NAVD88	1		S	
1992-12-08			D 72019	12.26			1		S	
1998-01-07			D 62610		3048.19	NGVD29	1		S	
1998-01-07			D 62611		3049.81	NAVD88	1		S	
1998-01-07			D 72019	14.19			1		S	
2003-01-29			D 62610		3045.95	NGVD29	1		S	USGS
2003-01-29			D 62611		3047.57	NAVD88	1		S	USGS
2003-01-29			D 72019	16.43			1		S	USGS

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	
2022-01-13	14:35 UTC	m	62610	3046.65	NGVD29	1	V	USGS
2022-01-13	14:35 UTC	m	62611	3048.27	NAVD88	1	V	USGS
2022-01-13	14:35 UTC	m	72019	15.73		1	V	USGS
2023-02-14	16:05 UTC	m	62610	3046.27	NGVD29	1	S	USGS
2023-02-14	16:05 UTC	m	62611	3047.89	NAVD88	1	S	USGS
2023-02-14	16:05 UTC	m	72019	16.11		1	S	USGS

Explanation

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

Questions or Comments

Automated retrievals

Help

Data Tips

Explanation of terms

Subscribe for system changes

News

Accessibility FOIA Privacy Policies and Notices

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

Title: Groundwater for New Mexico: Water Levels

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

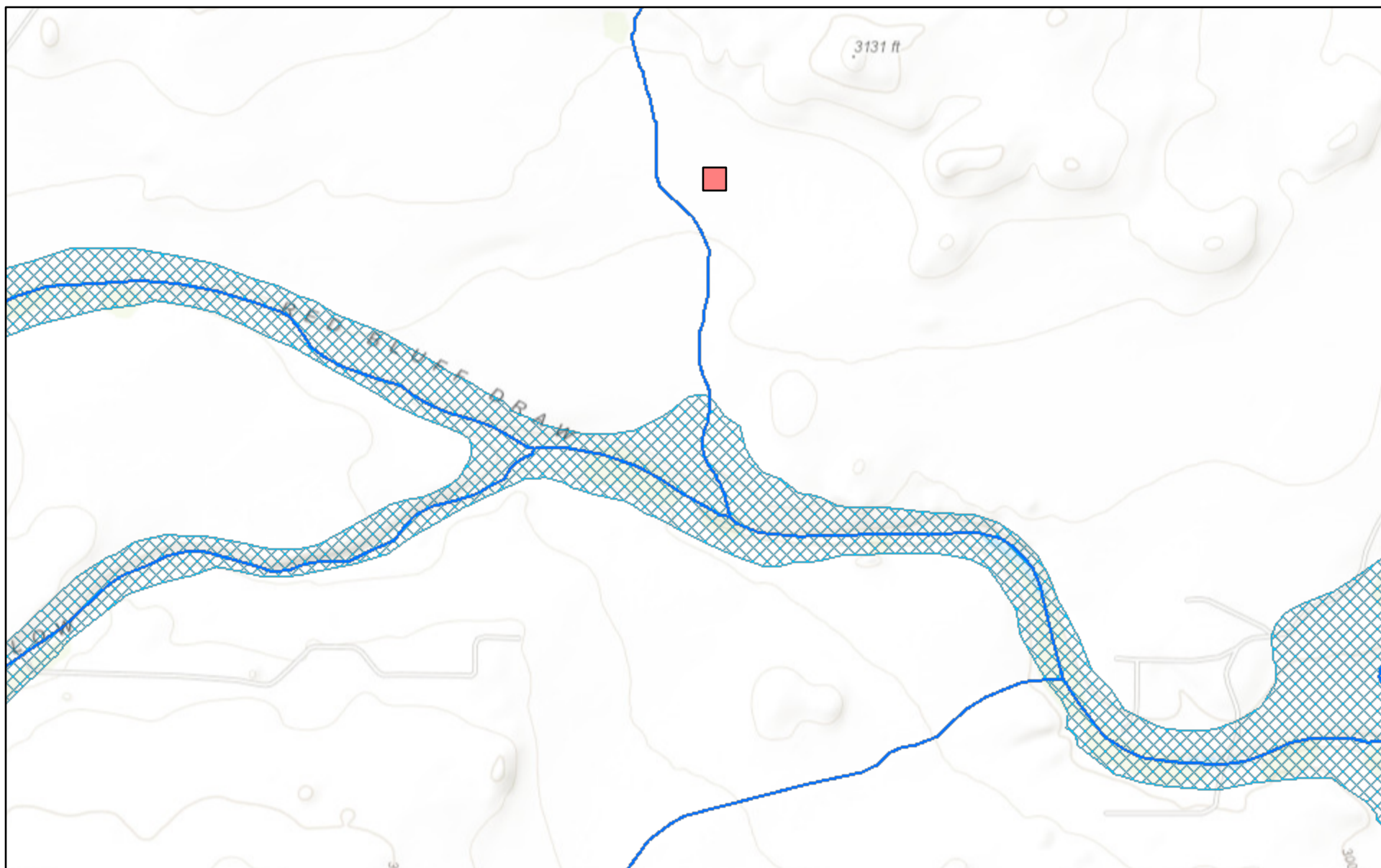


Page Contact Information: New Mexico Water Data Maintainer

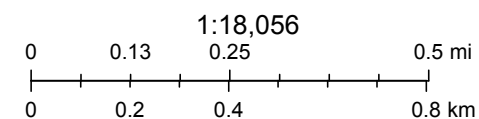
Page Last Modified: 2023-10-09 11:44:24 EDT

2.89 0.45 nadww01

New Mexico NFHL Data



October 9, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2023 7:49:25 AM

JOB DESCRIPTION

Daisy 24 State Com battery (11.11.23)
Eddy County, New Mexico

JOB NUMBER

880-36710-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

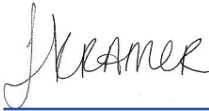
Eurofins Midland

Job Notes

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

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

Authorization



Generated
12/13/2023 7:49:25 AM

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

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Laboratory Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	22
QC Sample Results	24
QC Association Summary	30
Lab Chronicle	35
Certification Summary	42
Method Summary	43
Sample Summary	44
Chain of Custody	45
Receipt Checklists	47

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Job ID: 880-36710-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-36710-1**

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

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

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

Receipt

The samples were received on 12/8/2023 2:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-36710-1), S-1 (1.5') (880-36710-2), S-1 (2') (880-36710-3), S-1 (3') (880-36710-4), S-1 (4') (880-36710-5), S-2 (0-1') (880-36710-6), S-2 (1.5') (880-36710-7), S-2 (2') (880-36710-8), S-2 (3') (880-36710-9), S-2 (4') (880-36710-10), S-3 (0-1') (880-36710-11), S-3 (1.5') (880-36710-12), S-3 (2') (880-36710-13), S-3 (3') (880-36710-14), S-3 (4') (880-36710-15), S-4 (0-1') (880-36710-16), S-4 (1.5') (880-36710-17), S-4 (2') (880-36710-18), S-4 (3') (880-36710-19) and S-4 (4') (880-36710-20).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-68742/1-A) and (LCSD 880-68742/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (1.5') (880-36710-2), S-1 (2') (880-36710-3), S-1 (3') (880-36710-4), S-1 (4') (880-36710-5), (880-36710-A-1-E MS) and (880-36710-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (1.5') (880-36710-7), S-2 (3') (880-36710-9), S-3 (0-1') (880-36710-11), S-3 (1.5') (880-36710-12), S-3 (2') (880-36710-13), S-3 (3') (880-36710-14), S-3 (4') (880-36710-15), S-4 (0-1') (880-36710-16), S-4 (1.5') (880-36710-17), S-4 (2') (880-36710-18), S-4 (3') (880-36710-19) and S-4 (4') (880-36710-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68700 and analytical batch 880-68637 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-36710-1), S-1 (1.5') (880-36710-2), S-1 (2') (880-36710-3), S-1 (3') (880-36710-4), S-1 (4') (880-36710-5), S-2 (0-1') (880-36710-6), S-2 (1.5') (880-36710-7), S-2 (2') (880-36710-8), S-2 (3') (880-36710-9), S-2 (4') (880-36710-10), S-3 (0-1') (880-36710-11), S-3 (1.5') (880-36710-12), S-3 (2') (880-36710-13), S-3 (3') (880-36710-14), S-3 (4') (880-36710-15), S-4 (0-1') (880-36710-16), S-4 (1.5') (880-36710-17), S-4 (2') (880-36710-18), S-4 (3') (880-36710-19), S-4 (4') (880-36710-20), (880-36710-A-1-C MS) and (880-36710-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Case Narrative

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Job ID: 880-36710-1 (Continued)

Laboratory: Eurofins Midland (Continued)

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-68689 and analytical batch 880-68723 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36710-1

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 09:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 09:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 09:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/09/23 15:55	12/10/23 09:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 09:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/09/23 15:55	12/10/23 09:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/09/23 15:55	12/10/23 09:12	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/09/23 15:55	12/10/23 09:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/10/23 09:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			12/08/23 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		12/08/23 15:25	12/08/23 20:49	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		12/08/23 15:25	12/08/23 20:49	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		12/08/23 15:25	12/08/23 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	158	S1+	70 - 130	12/08/23 15:25	12/08/23 20:49	1
o-Terphenyl	142	S1+	70 - 130	12/08/23 15:25	12/08/23 20:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	935		4.97		mg/Kg			12/09/23 08:53	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-36710-2

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 09:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 09:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 09:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 09:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 09:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 09:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	12/09/23 15:55	12/10/23 09:38	1
1,4-Difluorobenzene (Surr)	80		70 - 130	12/09/23 15:55	12/10/23 09:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-36710-2

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/10/23 09:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/08/23 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/08/23 15:25	12/08/23 21:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/08/23 15:25	12/08/23 21:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/08/23 15:25	12/08/23 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130				12/08/23 15:25	12/08/23 21:53	1
o-Terphenyl	143	S1+	70 - 130				12/08/23 15:25	12/08/23 21:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	349		4.99		mg/Kg			12/09/23 09:00	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-36710-3

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 10:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 10:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 10:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/09/23 15:55	12/10/23 10:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 10:05	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/09/23 15:55	12/10/23 10:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				12/09/23 15:55	12/10/23 10:05	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/09/23 15:55	12/10/23 10:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/10/23 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/08/23 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		12/08/23 15:25	12/08/23 22:14	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/08/23 15:25	12/08/23 22:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-36710-3

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/08/23 15:25	12/08/23 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	159	S1+	70 - 130				12/08/23 15:25	12/08/23 22:14	1
o-Terphenyl	152	S1+	70 - 130				12/08/23 15:25	12/08/23 22:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	494		5.01		mg/Kg			12/09/23 09:20	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-36710-4

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 10:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 10:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 10:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 10:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 10:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 10:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130				12/09/23 15:55	12/10/23 10:31	1
1,4-Difluorobenzene (Surr)	77		70 - 130				12/09/23 15:55	12/10/23 10:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/10/23 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/08/23 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/08/23 22:36	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/08/23 22:36	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/08/23 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	158	S1+	70 - 130				12/08/23 15:25	12/08/23 22:36	1
o-Terphenyl	148	S1+	70 - 130				12/08/23 15:25	12/08/23 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		4.98		mg/Kg			12/09/23 09:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-36710-5

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 10:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 10:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 10:57	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/09/23 15:55	12/10/23 10:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 10:57	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/09/23 15:55	12/10/23 10:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	12/09/23 15:55	12/10/23 10:57	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/09/23 15:55	12/10/23 10:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/10/23 10:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/08/23 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/08/23 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/08/23 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/08/23 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130	12/08/23 15:25	12/08/23 22:57	1
o-Terphenyl	158	S1+	70 - 130	12/08/23 15:25	12/08/23 22:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	207		5.02		mg/Kg			12/09/23 09:33	1

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

Lab Sample ID: 880-36710-6

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 15:55	12/10/23 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 15:55	12/10/23 11:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/09/23 15:55	12/10/23 11:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/09/23 15:55	12/10/23 11:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36710-6

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/10/23 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/08/23 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/08/23 15:25	12/08/23 23:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/08/23 15:25	12/08/23 23:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/08/23 15:25	12/08/23 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	168	S1+	70 - 130				12/08/23 15:25	12/08/23 23:19	1
o-Terphenyl	153	S1+	70 - 130				12/08/23 15:25	12/08/23 23:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.99		mg/Kg			12/09/23 15:10	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-36710-7

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 11:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 11:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 11:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/09/23 15:55	12/10/23 11:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 11:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/09/23 15:55	12/10/23 11:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130				12/09/23 15:55	12/10/23 11:51	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/09/23 15:55	12/10/23 11:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/10/23 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/08/23 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/08/23 15:25	12/08/23 23:40	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/08/23 15:25	12/08/23 23:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-36710-7

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/08/23 15:25	12/08/23 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	162	S1+	70 - 130				12/08/23 15:25	12/08/23 23:40	1
o-Terphenyl	143	S1+	70 - 130				12/08/23 15:25	12/08/23 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.0		5.02		mg/Kg			12/09/23 09:46	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-36710-8

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 12:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				12/09/23 15:55	12/10/23 12:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/09/23 15:55	12/10/23 12:17	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			12/10/23 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/09/23 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/09/23 00:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/09/23 00:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/09/23 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				12/08/23 15:25	12/09/23 00:02	1
o-Terphenyl	152	S1+	70 - 130				12/08/23 15:25	12/09/23 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		5.01		mg/Kg			12/09/23 09:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-36710-9

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 12:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 12:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130	12/09/23 15:55	12/10/23 12:44	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/09/23 15:55	12/10/23 12:44	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			12/10/23 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/09/23 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		12/08/23 15:25	12/09/23 00:23	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/08/23 15:25	12/09/23 00:23	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/08/23 15:25	12/09/23 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130	12/08/23 15:25	12/09/23 00:23	1
o-Terphenyl	150	S1+	70 - 130	12/08/23 15:25	12/09/23 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		5.00		mg/Kg			12/09/23 09:59	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-36710-10

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 13:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 13:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/09/23 15:55	12/10/23 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 13:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/09/23 15:55	12/10/23 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/09/23 15:55	12/10/23 13:11	1
1,4-Difluorobenzene (Surr)	84		70 - 130	12/09/23 15:55	12/10/23 13:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-36710-10

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/10/23 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/09/23 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/08/23 15:25	12/09/23 00:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/08/23 15:25	12/09/23 00:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/08/23 15:25	12/09/23 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130				12/08/23 15:25	12/09/23 00:45	1
o-Terphenyl	152	S1+	70 - 130				12/08/23 15:25	12/09/23 00:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			12/09/23 03:14	1

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

Lab Sample ID: 880-36710-11

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 14:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 14:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 14:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/09/23 15:55	12/10/23 14:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 14:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/09/23 15:55	12/10/23 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				12/09/23 15:55	12/10/23 14:58	1
1,4-Difluorobenzene (Surr)	73		70 - 130				12/09/23 15:55	12/10/23 14:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/10/23 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/09/23 01:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 01:27	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 01:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36710-11

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	164	S1+	70 - 130				12/08/23 15:25	12/09/23 01:27	1
o-Terphenyl	156	S1+	70 - 130				12/08/23 15:25	12/09/23 01:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		4.98		mg/Kg			12/09/23 03:34	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-36710-12

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 15:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 15:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130				12/09/23 15:55	12/10/23 15:25	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/09/23 15:55	12/10/23 15:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/10/23 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/09/23 01:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 01:48	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 01:48	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				12/08/23 15:25	12/09/23 01:48	1
o-Terphenyl	148	S1+	70 - 130				12/08/23 15:25	12/09/23 01:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.99		mg/Kg			12/09/23 03:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-36710-13

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 15:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 15:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130	12/09/23 15:55	12/10/23 15:51	1
1,4-Difluorobenzene (Surr)	117		70 - 130	12/09/23 15:55	12/10/23 15:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/10/23 15:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/09/23 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/09/23 02:09	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/09/23 02:09	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/09/23 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130	12/08/23 15:25	12/09/23 02:09	1
o-Terphenyl	143	S1+	70 - 130	12/08/23 15:25	12/09/23 02:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.6		5.04		mg/Kg			12/09/23 03:47	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-36710-14

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 16:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 16:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 16:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/09/23 15:55	12/10/23 16:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 15:55	12/10/23 16:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/09/23 15:55	12/10/23 16:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	12/09/23 15:55	12/10/23 16:18	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/09/23 15:55	12/10/23 16:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-36710-14

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/10/23 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/09/23 02:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/08/23 15:25	12/09/23 02:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/08/23 15:25	12/09/23 02:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/08/23 15:25	12/09/23 02:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	150	S1+	70 - 130				12/08/23 15:25	12/09/23 02:31	1
o-Terphenyl	136	S1+	70 - 130				12/08/23 15:25	12/09/23 02:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		5.03		mg/Kg			12/09/23 03:53	1

Client Sample ID: S-3 (4')

Lab Sample ID: 880-36710-15

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 16:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 16:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 16:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 15:55	12/10/23 16:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 16:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 15:55	12/10/23 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				12/09/23 15:55	12/10/23 16:44	1
1,4-Difluorobenzene (Surr)	74		70 - 130				12/09/23 15:55	12/10/23 16:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/10/23 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/09/23 02:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/08/23 15:25	12/09/23 02:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/08/23 15:25	12/09/23 02:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (4')

Date Collected: 12/07/23 00:00

Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/08/23 15:25	12/09/23 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	162	S1+	70 - 130				12/08/23 15:25	12/09/23 02:53	1
o-Terphenyl	145	S1+	70 - 130				12/08/23 15:25	12/09/23 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.7		4.97		mg/Kg			12/09/23 04:13	1

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

Date Collected: 12/07/23 00:00

Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-16

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 17:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 17:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 17:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 17:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/09/23 15:55	12/10/23 17:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/09/23 15:55	12/10/23 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				12/09/23 15:55	12/10/23 17:10	1
1,4-Difluorobenzene (Surr)	122		70 - 130				12/09/23 15:55	12/10/23 17:10	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			12/10/23 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	72.4		49.6		mg/Kg			12/09/23 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/08/23 15:25	12/09/23 03:14	1
Diesel Range Organics (Over C10-C28)	72.4		49.6		mg/Kg		12/08/23 15:25	12/09/23 03:14	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/08/23 15:25	12/09/23 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				12/08/23 15:25	12/09/23 03:14	1
o-Terphenyl	141	S1+	70 - 130				12/08/23 15:25	12/09/23 03:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	619		24.9		mg/Kg			12/09/23 04:19	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-36710-17

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 17:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 17:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 17:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/09/23 15:55	12/10/23 17:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 17:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/09/23 15:55	12/10/23 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130	12/09/23 15:55	12/10/23 17:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/09/23 15:55	12/10/23 17:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/10/23 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/09/23 03:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 03:35	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 03:35	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/08/23 15:25	12/09/23 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130	12/08/23 15:25	12/09/23 03:35	1
o-Terphenyl	140	S1+	70 - 130	12/08/23 15:25	12/09/23 03:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		4.99		mg/Kg			12/09/23 04:26	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-36710-18

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 18:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/09/23 15:55	12/10/23 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 18:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/09/23 15:55	12/10/23 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	12/09/23 15:55	12/10/23 18:03	1
1,4-Difluorobenzene (Surr)	83		70 - 130	12/09/23 15:55	12/10/23 18:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-36710-18

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/10/23 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/09/23 03:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/09/23 03:56	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/09/23 03:56	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/08/23 15:25	12/09/23 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130				12/08/23 15:25	12/09/23 03:56	1
o-Terphenyl	158	S1+	70 - 130				12/08/23 15:25	12/09/23 03:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252		5.03		mg/Kg			12/09/23 04:32	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-36710-19

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 18:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 18:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 18:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/09/23 15:55	12/10/23 18:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/09/23 15:55	12/10/23 18:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/09/23 15:55	12/10/23 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130				12/09/23 15:55	12/10/23 18:30	1
1,4-Difluorobenzene (Surr)	116		70 - 130				12/09/23 15:55	12/10/23 18:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/10/23 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/09/23 04:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/09/23 04:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/09/23 04:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-36710-19

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/09/23 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	170	S1+	70 - 130				12/08/23 15:25	12/09/23 04:17	1
o-Terphenyl	161	S1+	70 - 130				12/08/23 15:25	12/09/23 04:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.8		5.04		mg/Kg			12/09/23 04:39	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-36710-20

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 18:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 18:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 18:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 18:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 15:55	12/10/23 18:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 15:55	12/10/23 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130				12/09/23 15:55	12/10/23 18:57	1
1,4-Difluorobenzene (Surr)	93		70 - 130				12/09/23 15:55	12/10/23 18:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/10/23 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/09/23 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/08/23 15:25	12/09/23 04:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/08/23 15:25	12/09/23 04:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/08/23 15:25	12/09/23 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				12/08/23 15:25	12/09/23 04:41	1
o-Terphenyl	139	S1+	70 - 130				12/08/23 15:25	12/09/23 04:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.3		5.05		mg/Kg			12/09/23 04:45	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-36710-1	S-1 (0-1')	119	84				
880-36710-1 MS	S-1 (0-1')	171 S1+	91				
880-36710-1 MSD	S-1 (0-1')	158 S1+	99				
880-36710-2	S-1 (1.5')	145 S1+	80				
880-36710-3	S-1 (2')	155 S1+	105				
880-36710-4	S-1 (3')	159 S1+	77				
880-36710-5	S-1 (4')	154 S1+	92				
880-36710-6	S-2 (0-1')	126	92				
880-36710-7	S-2 (1.5')	182 S1+	109				
880-36710-8	S-2 (2')	128	88				
880-36710-9	S-2 (3')	194 S1+	108				
880-36710-10	S-2 (4')	119	84				
880-36710-11	S-3 (0-1')	133 S1+	73				
880-36710-12	S-3 (1.5')	176 S1+	105				
880-36710-13	S-3 (2')	203 S1+	117				
880-36710-14	S-3 (3')	154 S1+	81				
880-36710-15	S-3 (4')	136 S1+	74				
880-36710-16	S-4 (0-1')	178 S1+	122				
880-36710-17	S-4 (1.5')	171 S1+	95				
880-36710-18	S-4 (2')	147 S1+	83				
880-36710-19	S-4 (3')	173 S1+	116				
880-36710-20	S-4 (4')	148 S1+	93				
LCS 880-68742/1-A	Lab Control Sample	151 S1+	84				
LCSD 880-68742/2-A	Lab Control Sample Dup	141 S1+	81				
MB 880-68401/5-B	Method Blank	77	83				
MB 880-68742/5-A	Method Blank	76	81				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-36710-1	S-1 (0-1')	158 S1+	142 S1+				
880-36710-1 MS	S-1 (0-1')	152 S1+	126				
880-36710-1 MSD	S-1 (0-1')	152 S1+	127				
880-36710-2	S-1 (1.5')	152 S1+	143 S1+				
880-36710-3	S-1 (2')	159 S1+	152 S1+				
880-36710-4	S-1 (3')	158 S1+	148 S1+				
880-36710-5	S-1 (4')	164 S1+	158 S1+				
880-36710-6	S-2 (0-1')	168 S1+	153 S1+				
880-36710-7	S-2 (1.5')	162 S1+	143 S1+				
880-36710-8	S-2 (2')	161 S1+	152 S1+				
880-36710-9	S-2 (3')	155 S1+	150 S1+				
880-36710-10	S-2 (4')	161 S1+	152 S1+				
880-36710-11	S-3 (0-1')	164 S1+	156 S1+				

Surrogate Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-36710-12	S-3 (1.5')	153 S1+	148 S1+
880-36710-13	S-3 (2')	151 S1+	143 S1+
880-36710-14	S-3 (3')	150 S1+	136 S1+
880-36710-15	S-3 (4')	162 S1+	145 S1+
880-36710-16	S-4 (0-1')	153 S1+	141 S1+
880-36710-17	S-4 (1.5')	147 S1+	140 S1+
880-36710-18	S-4 (2')	166 S1+	158 S1+
880-36710-19	S-4 (3')	170 S1+	161 S1+
880-36710-20	S-4 (4')	145 S1+	139 S1+
LCS 880-68700/2-A	Lab Control Sample	93	107
LCSD 880-68700/3-A	Lab Control Sample Dup	94	91
MB 880-68700/1-A	Method Blank	190 S1+	195 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-68401/5-B							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68650							Prep Batch: 68401		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/05/23 10:27	12/09/23 19:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/05/23 10:27	12/09/23 19:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/05/23 10:27	12/09/23 19:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/05/23 10:27	12/09/23 19:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/05/23 10:27	12/09/23 19:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/05/23 10:27	12/09/23 19:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				12/05/23 10:27	12/09/23 19:20	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/05/23 10:27	12/09/23 19:20	1

Lab Sample ID: MB 880-68742/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68650							Prep Batch: 68742		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 08:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 08:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 08:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 15:55	12/10/23 08:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 15:55	12/10/23 08:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 15:55	12/10/23 08:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				12/09/23 15:55	12/10/23 08:45	1
1,4-Difluorobenzene (Surr)	81		70 - 130				12/09/23 15:55	12/10/23 08:45	1

Lab Sample ID: LCS 880-68742/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68650							Prep Batch: 68742		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.09266		mg/Kg		93	70 - 130		
Toluene	0.100	0.1096		mg/Kg		110	70 - 130		
Ethylbenzene	0.100	0.09715		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene	0.200	0.1982		mg/Kg		99	70 - 130		
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130						
1,4-Difluorobenzene (Surr)	84		70 - 130						

Lab Sample ID: LCSD 880-68742/2-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 68650							Prep Batch: 68742		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08313		mg/Kg		83	70 - 130	11	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-68742/2-A
Matrix: Solid
Analysis Batch: 68650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 68742

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD
	Added	Result	Qualifier	Limit				Limits	RPD	
Toluene	0.100	0.1032			mg/Kg		103	70 - 130	6	35
Ethylbenzene	0.100	0.1037			mg/Kg		104	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2042			mg/Kg		102	70 - 130	3	35
o-Xylene	0.100	0.1022			mg/Kg		102	70 - 130	2	35
LCSD		LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130							
1,4-Difluorobenzene (Surr)	81		70 - 130							

Lab Sample ID: 880-36710-1 MS
Matrix: Solid
Analysis Batch: 68650

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 68742

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Benzene	<0.00198	U	0.0996	0.1079		mg/Kg		108	70 - 130	
Toluene	<0.00198	U	0.0996	0.1144		mg/Kg		115	70 - 130	
Ethylbenzene	<0.00198	U	0.0996	0.09054		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2008		mg/Kg		101	70 - 130	
o-Xylene	<0.00198	U	0.0996	0.1074		mg/Kg		108	70 - 130	
MS		MS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	171	S1+	70 - 130							
1,4-Difluorobenzene (Surr)	91		70 - 130							

Lab Sample ID: 880-36710-1 MSD
Matrix: Solid
Analysis Batch: 68650

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 68742

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD
	Result	Qualifier		Result	Qualifier				Limits	RPD	
Benzene	<0.00198	U	0.100	0.09050		mg/Kg		90	70 - 130	18	35
Toluene	<0.00198	U	0.100	0.1075		mg/Kg		107	70 - 130	6	35
Ethylbenzene	<0.00198	U	0.100	0.1028		mg/Kg		102	70 - 130	13	35
m-Xylene & p-Xylene	<0.00396	U	0.201	0.1999		mg/Kg		100	70 - 130	0	35
o-Xylene	<0.00198	U	0.100	0.09963		mg/Kg		99	70 - 130	8	35
MSD		MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

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

Lab Sample ID: MB 880-68700/1-A
Matrix: Solid
Analysis Batch: 68637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 68700

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/08/23 19:46	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-68700/1-A

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/08/23 19:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/23 15:25	12/08/23 19:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	190	S1+	70 - 130				12/08/23 15:25	12/08/23 19:46	1
o-Terphenyl	195	S1+	70 - 130				12/08/23 15:25	12/08/23 19:46	1

Lab Sample ID: LCS 880-68700/2-A

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1006		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	970.5		mg/Kg		97	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	93		70 - 130				
o-Terphenyl	107		70 - 130				

Lab Sample ID: LCSD 880-68700/3-A

Matrix: Solid

Analysis Batch: 68637

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68700

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1015		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	963.3		mg/Kg		96	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	94		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: 880-36710-1 MS

Matrix: Solid

Analysis Batch: 68637

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

Prep Type: Total/NA

Prep Batch: 68700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	996	871.6		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<49.5	U	996	1279		mg/Kg		126	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	152	S1+	70 - 130						
o-Terphenyl	126		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36710-1 MSD

Matrix: Solid

Analysis Batch: 68637

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

Prep Type: Total/NA

Prep Batch: 68700

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	996	881.0		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.5	U	996	1288		mg/Kg		127	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	152	S1+	70 - 130								
o-Terphenyl	127		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-68689/1-A

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/09/23 06:43	1

Lab Sample ID: LCS 880-68689/2-A

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.3		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-68689/3-A

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	260.3		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 880-36679-A-87-E MS

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	123	F1	252	341.4	F1	mg/Kg		87	90 - 110

Lab Sample ID: 880-36679-A-87-F MSD

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	123	F1	252	341.7	F1	mg/Kg		87	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-36709-A-4-B MS

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	96.9		248	338.8		mg/Kg		98	90 - 110

Lab Sample ID: 880-36709-A-4-C MSD

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	96.9		248	336.1		mg/Kg		97	90 - 110	1	20

Lab Sample ID: MB 880-68697/1-A

Matrix: Solid

Analysis Batch: 68724

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/09/23 02:55	1

Lab Sample ID: LCS 880-68697/2-A

Matrix: Solid

Analysis Batch: 68724

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Lab Sample ID: LCSD 880-68697/3-A

Matrix: Solid

Analysis Batch: 68724

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.9		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-36710-10 MS

Matrix: Solid

Analysis Batch: 68724

Client Sample ID: S-2 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.01	U	251	250.8		mg/Kg		99	90 - 110

Lab Sample ID: 880-36710-10 MSD

Matrix: Solid

Analysis Batch: 68724

Client Sample ID: S-2 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.01	U	251	251.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-36710-20 MS

Matrix: Solid

Analysis Batch: 68724

Client Sample ID: S-4 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	77.3		253	332.9		mg/Kg		101	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-36710-20 MSD

Client Sample ID: S-4 (4')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 68724

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	77.3		253	332.5		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 68401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-68401/5-B	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 68650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Total/NA	Solid	8021B	68742
880-36710-2	S-1 (1.5')	Total/NA	Solid	8021B	68742
880-36710-3	S-1 (2')	Total/NA	Solid	8021B	68742
880-36710-4	S-1 (3')	Total/NA	Solid	8021B	68742
880-36710-5	S-1 (4')	Total/NA	Solid	8021B	68742
880-36710-6	S-2 (0-1')	Total/NA	Solid	8021B	68742
880-36710-7	S-2 (1.5')	Total/NA	Solid	8021B	68742
880-36710-8	S-2 (2')	Total/NA	Solid	8021B	68742
880-36710-9	S-2 (3')	Total/NA	Solid	8021B	68742
880-36710-10	S-2 (4')	Total/NA	Solid	8021B	68742
880-36710-11	S-3 (0-1')	Total/NA	Solid	8021B	68742
880-36710-12	S-3 (1.5')	Total/NA	Solid	8021B	68742
880-36710-13	S-3 (2')	Total/NA	Solid	8021B	68742
880-36710-14	S-3 (3')	Total/NA	Solid	8021B	68742
880-36710-15	S-3 (4')	Total/NA	Solid	8021B	68742
880-36710-16	S-4 (0-1')	Total/NA	Solid	8021B	68742
880-36710-17	S-4 (1.5')	Total/NA	Solid	8021B	68742
880-36710-18	S-4 (2')	Total/NA	Solid	8021B	68742
880-36710-19	S-4 (3')	Total/NA	Solid	8021B	68742
880-36710-20	S-4 (4')	Total/NA	Solid	8021B	68742
MB 880-68401/5-B	Method Blank	Total/NA	Solid	8021B	68401
MB 880-68742/5-A	Method Blank	Total/NA	Solid	8021B	68742
LCS 880-68742/1-A	Lab Control Sample	Total/NA	Solid	8021B	68742
LCSD 880-68742/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	68742
880-36710-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	68742
880-36710-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	68742

Prep Batch: 68742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Total/NA	Solid	5035	
880-36710-2	S-1 (1.5')	Total/NA	Solid	5035	
880-36710-3	S-1 (2')	Total/NA	Solid	5035	
880-36710-4	S-1 (3')	Total/NA	Solid	5035	
880-36710-5	S-1 (4')	Total/NA	Solid	5035	
880-36710-6	S-2 (0-1')	Total/NA	Solid	5035	
880-36710-7	S-2 (1.5')	Total/NA	Solid	5035	
880-36710-8	S-2 (2')	Total/NA	Solid	5035	
880-36710-9	S-2 (3')	Total/NA	Solid	5035	
880-36710-10	S-2 (4')	Total/NA	Solid	5035	
880-36710-11	S-3 (0-1')	Total/NA	Solid	5035	
880-36710-12	S-3 (1.5')	Total/NA	Solid	5035	
880-36710-13	S-3 (2')	Total/NA	Solid	5035	
880-36710-14	S-3 (3')	Total/NA	Solid	5035	
880-36710-15	S-3 (4')	Total/NA	Solid	5035	
880-36710-16	S-4 (0-1')	Total/NA	Solid	5035	
880-36710-17	S-4 (1.5')	Total/NA	Solid	5035	
880-36710-18	S-4 (2')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 68742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-19	S-4 (3')	Total/NA	Solid	5035	
880-36710-20	S-4 (4')	Total/NA	Solid	5035	
MB 880-68742/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-68742/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-68742/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-36710-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-36710-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 68968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-36710-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-36710-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-36710-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-36710-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-36710-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-36710-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-36710-8	S-2 (2')	Total/NA	Solid	Total BTEX	
880-36710-9	S-2 (3')	Total/NA	Solid	Total BTEX	
880-36710-10	S-2 (4')	Total/NA	Solid	Total BTEX	
880-36710-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-36710-12	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-36710-13	S-3 (2')	Total/NA	Solid	Total BTEX	
880-36710-14	S-3 (3')	Total/NA	Solid	Total BTEX	
880-36710-15	S-3 (4')	Total/NA	Solid	Total BTEX	
880-36710-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-36710-17	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-36710-18	S-4 (2')	Total/NA	Solid	Total BTEX	
880-36710-19	S-4 (3')	Total/NA	Solid	Total BTEX	
880-36710-20	S-4 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 68637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Total/NA	Solid	8015B NM	68700
880-36710-2	S-1 (1.5')	Total/NA	Solid	8015B NM	68700
880-36710-3	S-1 (2')	Total/NA	Solid	8015B NM	68700
880-36710-4	S-1 (3')	Total/NA	Solid	8015B NM	68700
880-36710-5	S-1 (4')	Total/NA	Solid	8015B NM	68700
880-36710-6	S-2 (0-1')	Total/NA	Solid	8015B NM	68700
880-36710-7	S-2 (1.5')	Total/NA	Solid	8015B NM	68700
880-36710-8	S-2 (2')	Total/NA	Solid	8015B NM	68700
880-36710-9	S-2 (3')	Total/NA	Solid	8015B NM	68700
880-36710-10	S-2 (4')	Total/NA	Solid	8015B NM	68700
880-36710-11	S-3 (0-1')	Total/NA	Solid	8015B NM	68700
880-36710-12	S-3 (1.5')	Total/NA	Solid	8015B NM	68700
880-36710-13	S-3 (2')	Total/NA	Solid	8015B NM	68700
880-36710-14	S-3 (3')	Total/NA	Solid	8015B NM	68700
880-36710-15	S-3 (4')	Total/NA	Solid	8015B NM	68700
880-36710-16	S-4 (0-1')	Total/NA	Solid	8015B NM	68700

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 68637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-17	S-4 (1.5')	Total/NA	Solid	8015B NM	68700
880-36710-18	S-4 (2')	Total/NA	Solid	8015B NM	68700
880-36710-19	S-4 (3')	Total/NA	Solid	8015B NM	68700
880-36710-20	S-4 (4')	Total/NA	Solid	8015B NM	68700
MB 880-68700/1-A	Method Blank	Total/NA	Solid	8015B NM	68700
LCS 880-68700/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68700
LCSD 880-68700/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68700
880-36710-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	68700
880-36710-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	68700

Prep Batch: 68700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-36710-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-36710-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-36710-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-36710-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-36710-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-36710-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-36710-8	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-36710-9	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-36710-10	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-36710-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-36710-12	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-36710-13	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-36710-14	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-36710-15	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-36710-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-36710-17	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-36710-18	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-36710-19	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-36710-20	S-4 (4')	Total/NA	Solid	8015NM Prep	
MB 880-68700/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68700/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68700/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36710-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-36710-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 68812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-36710-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-36710-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-36710-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-36710-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-36710-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-36710-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-36710-8	S-2 (2')	Total/NA	Solid	8015 NM	
880-36710-9	S-2 (3')	Total/NA	Solid	8015 NM	
880-36710-10	S-2 (4')	Total/NA	Solid	8015 NM	
880-36710-11	S-3 (0-1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 68812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-12	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-36710-13	S-3 (2')	Total/NA	Solid	8015 NM	
880-36710-14	S-3 (3')	Total/NA	Solid	8015 NM	
880-36710-15	S-3 (4')	Total/NA	Solid	8015 NM	
880-36710-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-36710-17	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-36710-18	S-4 (2')	Total/NA	Solid	8015 NM	
880-36710-19	S-4 (3')	Total/NA	Solid	8015 NM	
880-36710-20	S-4 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 68689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-36710-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-36710-3	S-1 (2')	Soluble	Solid	DI Leach	
880-36710-4	S-1 (3')	Soluble	Solid	DI Leach	
880-36710-5	S-1 (4')	Soluble	Solid	DI Leach	
880-36710-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-36710-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-36710-8	S-2 (2')	Soluble	Solid	DI Leach	
880-36710-9	S-2 (3')	Soluble	Solid	DI Leach	
MB 880-68689/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-68689/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68689/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36679-A-87-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-36679-A-87-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-36709-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-36709-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 68697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-10	S-2 (4')	Soluble	Solid	DI Leach	
880-36710-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-36710-12	S-3 (1.5')	Soluble	Solid	DI Leach	
880-36710-13	S-3 (2')	Soluble	Solid	DI Leach	
880-36710-14	S-3 (3')	Soluble	Solid	DI Leach	
880-36710-15	S-3 (4')	Soluble	Solid	DI Leach	
880-36710-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-36710-17	S-4 (1.5')	Soluble	Solid	DI Leach	
880-36710-18	S-4 (2')	Soluble	Solid	DI Leach	
880-36710-19	S-4 (3')	Soluble	Solid	DI Leach	
880-36710-20	S-4 (4')	Soluble	Solid	DI Leach	
MB 880-68697/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-68697/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68697/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36710-10 MS	S-2 (4')	Soluble	Solid	DI Leach	
880-36710-10 MSD	S-2 (4')	Soluble	Solid	DI Leach	
880-36710-20 MS	S-4 (4')	Soluble	Solid	DI Leach	
880-36710-20 MSD	S-4 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

HPLC/IC

Analysis Batch: 68723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-1	S-1 (0-1')	Soluble	Solid	300.0	68689
880-36710-2	S-1 (1.5')	Soluble	Solid	300.0	68689
880-36710-3	S-1 (2')	Soluble	Solid	300.0	68689
880-36710-4	S-1 (3')	Soluble	Solid	300.0	68689
880-36710-5	S-1 (4')	Soluble	Solid	300.0	68689
880-36710-6	S-2 (0-1')	Soluble	Solid	300.0	68689
880-36710-7	S-2 (1.5')	Soluble	Solid	300.0	68689
880-36710-8	S-2 (2')	Soluble	Solid	300.0	68689
880-36710-9	S-2 (3')	Soluble	Solid	300.0	68689
MB 880-68689/1-A	Method Blank	Soluble	Solid	300.0	68689
LCS 880-68689/2-A	Lab Control Sample	Soluble	Solid	300.0	68689
LCSD 880-68689/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68689
880-36679-A-87-E MS	Matrix Spike	Soluble	Solid	300.0	68689
880-36679-A-87-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	68689
880-36709-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	68689
880-36709-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	68689

Analysis Batch: 68724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36710-10	S-2 (4')	Soluble	Solid	300.0	68697
880-36710-11	S-3 (0-1')	Soluble	Solid	300.0	68697
880-36710-12	S-3 (1.5')	Soluble	Solid	300.0	68697
880-36710-13	S-3 (2')	Soluble	Solid	300.0	68697
880-36710-14	S-3 (3')	Soluble	Solid	300.0	68697
880-36710-15	S-3 (4')	Soluble	Solid	300.0	68697
880-36710-16	S-4 (0-1')	Soluble	Solid	300.0	68697
880-36710-17	S-4 (1.5')	Soluble	Solid	300.0	68697
880-36710-18	S-4 (2')	Soluble	Solid	300.0	68697
880-36710-19	S-4 (3')	Soluble	Solid	300.0	68697
880-36710-20	S-4 (4')	Soluble	Solid	300.0	68697
MB 880-68697/1-A	Method Blank	Soluble	Solid	300.0	68697
LCS 880-68697/2-A	Lab Control Sample	Soluble	Solid	300.0	68697
LCSD 880-68697/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68697
880-36710-10 MS	S-2 (4')	Soluble	Solid	300.0	68697
880-36710-10 MSD	S-2 (4')	Soluble	Solid	300.0	68697
880-36710-20 MS	S-4 (4')	Soluble	Solid	300.0	68697
880-36710-20 MSD	S-4 (4')	Soluble	Solid	300.0	68697

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 09:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 09:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/08/23 20:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 20:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 08:53	CH	EET MID

Client Sample ID: S-1 (1.5')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 09:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 09:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/08/23 21:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 21:53	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:00	CH	EET MID

Client Sample ID: S-1 (2')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 10:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 10:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/08/23 22:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 22:14	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:20	CH	EET MID

Client Sample ID: S-1 (3')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 10:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 10:31	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-36710-4

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			68812	12/08/23 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 22:36	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:26	CH	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-36710-5

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 10:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 10:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/08/23 22:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 22:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:33	CH	EET MID

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

Lab Sample ID: 880-36710-6

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 11:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 11:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/08/23 23:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 23:19	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 15:10	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-36710-7

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 11:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/08/23 23:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/08/23 23:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:46	CH	EET MID

Client Sample ID: S-2 (2')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 12:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 00:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 00:02	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:52	CH	EET MID

Client Sample ID: S-2 (3')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 00:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 00:23	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 09:59	CH	EET MID

Client Sample ID: S-2 (4')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 00:45	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 00:45	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 03:14	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-1')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 01:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 01:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 03:34	CH	EET MID

Client Sample ID: S-3 (1.5')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 15:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 15:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 01:48	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 01:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 03:40	CH	EET MID

Client Sample ID: S-3 (2')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 15:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 15:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 02:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 02:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 03:47	CH	EET MID

Client Sample ID: S-3 (3')
Date Collected: 12/07/23 00:00
Date Received: 12/08/23 14:36

Lab Sample ID: 880-36710-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 16:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-36710-14

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			68812	12/09/23 02:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 02:31	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 03:53	CH	EET MID

Client Sample ID: S-3 (4')

Lab Sample ID: 880-36710-15

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 16:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 16:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 02:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 02:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 04:13	CH	EET MID

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

Lab Sample ID: 880-36710-16

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 17:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 03:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 03:14	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68724	12/09/23 04:19	CH	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-36710-17

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 17:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 03:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 03:35	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-36710-17

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 04:26	CH	EET MID

Client Sample ID: S-4 (2')

Lab Sample ID: 880-36710-18

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 18:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 18:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 03:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 03:56	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 04:32	CH	EET MID

Client Sample ID: S-4 (3')

Lab Sample ID: 880-36710-19

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 04:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 04:17	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 04:39	CH	EET MID

Client Sample ID: S-4 (4')

Lab Sample ID: 880-36710-20

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	68742	12/09/23 15:55	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68650	12/10/23 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68968	12/10/23 18:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			68812	12/09/23 04:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	68700	12/08/23 15:25	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68637	12/09/23 04:41	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	68697	12/08/23 15:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68724	12/09/23 04:45	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36710-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources

Job ID: 880-36710-1

Project/Site: Daisy 24 State Com battery (11.11.23)

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-36710-1	S-1 (0-1')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-2	S-1 (1.5')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-3	S-1 (2')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-4	S-1 (3')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-5	S-1 (4')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-6	S-2 (0-1')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-7	S-2 (1.5')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-8	S-2 (2')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-9	S-2 (3')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-10	S-2 (4')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-11	S-3 (0-1')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-12	S-3 (1.5')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-13	S-3 (2')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-14	S-3 (3')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-15	S-3 (4')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-16	S-4 (0-1')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-17	S-4 (1.5')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-18	S-4 (2')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-19	S-4 (3')	Solid	12/07/23 00:00	12/08/23 14:36
880-36710-20	S-4 (4')	Solid	12/07/23 00:00	12/08/23 14:36

Chain of Custody



880-36710 Chain of Custody

Page 1 of 2

Work Order Comments

Program: ☐ UST/ST ☐ PRP ☐ Brownfields ☐ IRC ☐ Iperfund ☐
State of Project: ☐ Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADAPT ☐ Other

Project Manager	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 500	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	mcarmona@carmonaresources.com
Project Name	Daisy 24 State Corn Battery (11 11.23)	Turn Around	
Project Number	2205	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location	Eddy County New Mexico	Due Date	48 HR
Sampler's Name	JR		
PO #			
SAMPLE RECEIPT	Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice
Received Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID	548
Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor	-0.7
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading	-0.5
Total Containers		Corrected Temperature	
Sample Identification	Date	Time	Soil
S-1 (0-1')	12/7/2023		X
S-1 (1-5')	12/7/2023		X
S-1 (2')	12/7/2023		X
S-1 (3')	12/7/2023		X
S-1 (4')	12/7/2023		X
S-2 (0-1')	12/7/2023		X
S-2 (1-5')	12/7/2023		X
S-2 (2')	12/7/2023		X
S-2 (3')	12/7/2023		X
S-2 (4')	12/7/2023		X

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/8/23 1430		

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody

Work Order No: 36710

Page 2 of 2

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

Project Name		Daisy 24 State Com Battery (11 11 23)	
Project Number	2205	Turn Around <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location	Eddy County, New Mexico	Due Date	48 HR
Sample's Name:	JR		
PO #			

SAMPLE RECEIPT	Temp Blank	Yes No	Well Ice.	Yes No
Received Intact	Yes No	Thermometer ID		
Cooler Custody Seals	Yes No N/A	Correction Factor		
Sample Custody Seals	Yes No N/A	Temperature Reading		
Total Containers		Corrected Temperature		

Project Name		Daisy 24 State Com Battery (11 11 23)		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	2205	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush					None NO	DI Water	H ₂ O											
Project Location	Eddy County, New Mexico			Due Date	48 HR			Cool	Cool	MeOH	Me										
Sampler's Name:	JR							HCL	HC	HNO ₃	HN										
PO #								H ₂ SO ₄	H ₂	NaOH	Na										
SAMPLE RECEIPT				Temp Blank	Yes	No	Wet Ice.	Yes	No												
Received Intact				Yes	No	Thermometer ID															
Cooler Custody Seals				Yes	No	N/A	Correction Factor														
Sample Custody Seals.				Yes	No	N/A	Temperature Reading														
Total Containers.				Corrected Temperature																	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters													
S-3 (0-1)		12/7/2023		X		G	1	BTEX 8021B													
S-3 (1 5)		12/7/2023		X		G	1	TPH 8015M (GRO + DRO + MRO)													
S-3 (2)		12/7/2023		X		G	1	Chloride 300.0													
S-3 (3)		12/7/2023		X		G	1	X	X	X											
S-3 (4)		12/7/2023		X		G	1	X	X	X											
S-4 (0-1)		12/7/2023		X		G	1	X	X	X											
S-4 (1 5)		12/7/2023		X		G	1	X	X	X											
S-4 (2)		12/7/2023		X		G	1	X	X	X											
S-4 (3)		12/7/2023		X		G	1	X	X	X											
S-4 (4)		12/7/2023		X		G	1	X	X	X											
Sample Comments		NaOH+Ascorbic Acid SAPC																			

Comments: Email to Mike Cammona / mcammona@cammonaresources.com and Conner Moehring / cmoehring@cammonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/8/23 1430		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-36710-1

SDG Number: Eddy County, New Mexico

Login Number: 36710

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/20/2023 9:58:27 AM Revision 1

JOB DESCRIPTION

Daisy 24 State Com battery (11.11.23)
Eddy County, New Mexico

JOB NUMBER

880-36709-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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

Generated
12/20/2023 9:58:27 AM
Revision 1

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Laboratory Job ID: 880-36709-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	22

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1

Job ID: 880-36709-1

Eurofins Midland

Job Narrative
880-36709-1

REVISION

The report being provided is a revision of the original report sent on 12/11/2023. The report (revision 1) is being revised due to COC missing on final report, revision needed.

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

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

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

Receipt

The samples were received on 12/8/2023 2:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-36709-1), H-2 (0-0.5') (880-36709-2), H-3 (0-0.5') (880-36709-3) and H-4 (0-0.5') (880-36709-4).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-68490 and 880-68743 and analytical batch 880-68654 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-68743 and analytical batch 880-68654 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-68711 and analytical batch 880-68737 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-36709-1), H-2 (0-0.5') (880-36709-2), H-3 (0-0.5') (880-36709-3), H-4 (0-0.5') (880-36709-4), (880-36709-A-1-C MS) and (880-36709-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36709-1

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 05:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 05:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 05:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/09/23 16:01	12/10/23 05:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 05:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/09/23 16:01	12/10/23 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/09/23 16:01	12/10/23 05:51	1
1,4-Difluorobenzene (Surr)	116		70 - 130	12/09/23 16:01	12/10/23 05:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/10/23 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			12/09/23 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		12/08/23 16:38	12/09/23 10:41	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		12/08/23 16:38	12/09/23 10:41	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		12/08/23 16:38	12/09/23 10:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130	12/08/23 16:38	12/09/23 10:41	1
o-Terphenyl	130		70 - 130	12/08/23 16:38	12/09/23 10:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		25.2		mg/Kg			12/09/23 08:14	5

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

Lab Sample ID: 880-36709-2

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:01	12/10/23 06:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:01	12/10/23 06:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:01	12/10/23 06:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/09/23 16:01	12/10/23 06:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/09/23 16:01	12/10/23 06:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/09/23 16:01	12/10/23 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/09/23 16:01	12/10/23 06:11	1
1,4-Difluorobenzene (Surr)	115		70 - 130	12/09/23 16:01	12/10/23 06:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36709-2

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/10/23 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/09/23 11:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/08/23 16:38	12/09/23 11:47	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/08/23 16:38	12/09/23 11:47	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/08/23 16:38	12/09/23 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				12/08/23 16:38	12/09/23 11:47	1
o-Terphenyl	142	S1+	70 - 130				12/08/23 16:38	12/09/23 11:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.2		5.03		mg/Kg			12/09/23 14:37	1

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

Lab Sample ID: 880-36709-3

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:01	12/10/23 06:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:01	12/10/23 06:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:01	12/10/23 06:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		12/09/23 16:01	12/10/23 06:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/09/23 16:01	12/10/23 06:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/09/23 16:01	12/10/23 06:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				12/09/23 16:01	12/10/23 06:32	1
1,4-Difluorobenzene (Surr)	112		70 - 130				12/09/23 16:01	12/10/23 06:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			12/10/23 06:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.6		50.1		mg/Kg			12/09/23 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/08/23 16:38	12/09/23 12:09	1
Diesel Range Organics (Over C10-C28)	64.6		50.1		mg/Kg		12/08/23 16:38	12/09/23 12:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36709-3

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/08/23 16:38	12/09/23 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				12/08/23 16:38	12/09/23 12:09	1
o-Terphenyl	124		70 - 130				12/08/23 16:38	12/09/23 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.97		mg/Kg			12/09/23 14:44	1

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

Lab Sample ID: 880-36709-4

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:01	12/10/23 06:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:01	12/10/23 06:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:01	12/10/23 06:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/09/23 16:01	12/10/23 06:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/09/23 16:01	12/10/23 06:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/09/23 16:01	12/10/23 06:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/09/23 16:01	12/10/23 06:52	1
1,4-Difluorobenzene (Surr)	111		70 - 130				12/09/23 16:01	12/10/23 06:52	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			12/10/23 06:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/09/23 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/08/23 16:38	12/09/23 12:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/08/23 16:38	12/09/23 12:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/08/23 16:38	12/09/23 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				12/08/23 16:38	12/09/23 12:30	1
o-Terphenyl	123		70 - 130				12/08/23 16:38	12/09/23 12:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.9		4.95		mg/Kg			12/09/23 14:50	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-36709-1	H-1 (0-0.5')	102	116
880-36709-2	H-2 (0-0.5')	105	115
880-36709-3	H-3 (0-0.5')	96	112
880-36709-4	H-4 (0-0.5')	99	111
880-36722-A-1-B MS	Matrix Spike	98	102
880-36722-A-1-C MSD	Matrix Spike Duplicate	98	113
LCS 880-68743/1-A	Lab Control Sample	104	112
LCSD 880-68743/2-A	Lab Control Sample Dup	87	107
MB 880-68490/5-A	Method Blank	111	141 S1+
MB 880-68743/5-A	Method Blank	106	132 S1+

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-36709-1	H-1 (0-0.5')	141 S1+	130
880-36709-1 MS	H-1 (0-0.5')	145 S1+	107
880-36709-1 MSD	H-1 (0-0.5')	143 S1+	110
880-36709-2	H-2 (0-0.5')	149 S1+	142 S1+
880-36709-3	H-3 (0-0.5')	132 S1+	124
880-36709-4	H-4 (0-0.5')	131 S1+	123
LCS 880-68711/2-A	Lab Control Sample	113	128
LCSD 880-68711/3-A	Lab Control Sample Dup	114	113
MB 880-68711/1-A	Method Blank	227 S1+	240 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-68490/5-A

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/06/23 12:07	12/09/23 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/06/23 12:07	12/09/23 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/06/23 12:07	12/09/23 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/06/23 12:07	12/09/23 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/06/23 12:07	12/09/23 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/06/23 12:07	12/09/23 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/06/23 12:07	12/09/23 12:02	1
1,4-Difluorobenzene (Surr)	141	S1+	70 - 130	12/06/23 12:07	12/09/23 12:02	1

Lab Sample ID: MB 880-68743/5-A

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 00:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/23 16:01	12/10/23 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/23 16:01	12/10/23 00:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/23 16:01	12/10/23 00:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/09/23 16:01	12/10/23 00:05	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	12/09/23 16:01	12/10/23 00:05	1

Lab Sample ID: LCS 880-68743/1-A

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1096		mg/Kg		110	70 - 130
Toluene	0.100	0.09294		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.08787		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.2149		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-68743/2-A

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68743

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1026		mg/Kg		103	70 - 130	7	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-68743/2-A

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68743

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09148		mg/Kg		91	70 - 130	2	35
Ethylbenzene	0.100	0.07112		mg/Kg		71	70 - 130	21	35
m-Xylene & p-Xylene	0.200	0.1766		mg/Kg		88	70 - 130	20	35
o-Xylene	0.100	0.08618		mg/Kg		86	70 - 130	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-36722-A-1-B MS

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 68743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0998	0.07954		mg/Kg		80	70 - 130
Toluene	<0.00202	U F1	0.0998	0.06871	F1	mg/Kg		69	70 - 130
Ethylbenzene	<0.00202	U F1	0.0998	0.06174	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1540		mg/Kg		77	70 - 130
o-Xylene	<0.00202	U	0.0998	0.07894		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-36722-A-1-C MSD

Matrix: Solid

Analysis Batch: 68654

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 68743

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.101	0.09043		mg/Kg		90	70 - 130	13	35
Toluene	<0.00202	U F1	0.101	0.07444		mg/Kg		74	70 - 130	8	35
Ethylbenzene	<0.00202	U F1	0.101	0.06426	F1	mg/Kg		64	70 - 130	4	35
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1688		mg/Kg		84	70 - 130	9	35
o-Xylene	<0.00202	U	0.101	0.08581		mg/Kg		84	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

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

Lab Sample ID: MB 880-68711/1-A

Matrix: Solid

Analysis Batch: 68737

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68711

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/23 16:38	12/09/23 08:09	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-68711/1-A

Matrix: Solid

Analysis Batch: 68737

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 68711

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/23 16:38	12/09/23 08:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/23 16:38	12/09/23 08:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	227	S1+	70 - 130				12/08/23 16:38	12/09/23 08:09	1
o-Terphenyl	240	S1+	70 - 130				12/08/23 16:38	12/09/23 08:09	1

Lab Sample ID: LCS 880-68711/2-A

Matrix: Solid

Analysis Batch: 68737

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 68711

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1133		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1131		mg/Kg		113	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	113		70 - 130				
o-Terphenyl	128		70 - 130				

Lab Sample ID: LCSD 880-68711/3-A

Matrix: Solid

Analysis Batch: 68737

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 68711

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1109		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1115		mg/Kg		112	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	113		70 - 130						

Lab Sample ID: 880-36709-1 MS

Matrix: Solid

Analysis Batch: 68737

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

Prep Type: Total/NA

Prep Batch: 68711

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	1010	900.9		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	1304		mg/Kg		127	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	145	S1+	70 - 130						
o-Terphenyl	107		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36709-1 MSD

Matrix: Solid

Analysis Batch: 68737

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

Prep Type: Total/NA

Prep Batch: 68711

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	1010	942.7		mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	1337		mg/Kg		130	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	143	S1+	70 - 130								
o-Terphenyl	110		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-68689/1-A

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/09/23 06:43	1

Lab Sample ID: LCS 880-68689/2-A

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.3		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-68689/3-A

Matrix: Solid

Analysis Batch: 68723

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	260.3		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 880-36709-4 MS

Matrix: Solid

Analysis Batch: 68723

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	96.9		248	338.8		mg/Kg		98	90 - 110

Lab Sample ID: 880-36709-4 MSD

Matrix: Solid

Analysis Batch: 68723

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	96.9		248	336.1		mg/Kg		97	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 68490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-68490/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 68654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Total/NA	Solid	8021B	68743
880-36709-2	H-2 (0-0.5')	Total/NA	Solid	8021B	68743
880-36709-3	H-3 (0-0.5')	Total/NA	Solid	8021B	68743
880-36709-4	H-4 (0-0.5')	Total/NA	Solid	8021B	68743
MB 880-68490/5-A	Method Blank	Total/NA	Solid	8021B	68490
MB 880-68743/5-A	Method Blank	Total/NA	Solid	8021B	68743
LCS 880-68743/1-A	Lab Control Sample	Total/NA	Solid	8021B	68743
LCSD 880-68743/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	68743
880-36722-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	68743
880-36722-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	68743

Prep Batch: 68743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-36709-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-36709-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-36709-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-68743/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-68743/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-68743/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-36722-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-36722-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 68847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36709-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36709-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-36709-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 68711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36709-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36709-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36709-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-68711/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-68711/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-68711/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36709-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-36709-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 68737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	68711

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 68737 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	68711
880-36709-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	68711
880-36709-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	68711
MB 880-68711/1-A	Method Blank	Total/NA	Solid	8015B NM	68711
LCS 880-68711/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	68711
LCSD 880-68711/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	68711
880-36709-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	68711
880-36709-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	68711

Analysis Batch: 68813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-36709-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-36709-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-36709-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 68689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-36709-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-36709-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-36709-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-68689/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-68689/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-68689/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36709-4 MS	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-36709-4 MSD	H-4 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 68723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36709-1	H-1 (0-0.5')	Soluble	Solid	300.0	68689
880-36709-2	H-2 (0-0.5')	Soluble	Solid	300.0	68689
880-36709-3	H-3 (0-0.5')	Soluble	Solid	300.0	68689
880-36709-4	H-4 (0-0.5')	Soluble	Solid	300.0	68689
MB 880-68689/1-A	Method Blank	Soluble	Solid	300.0	68689
LCS 880-68689/2-A	Lab Control Sample	Soluble	Solid	300.0	68689
LCSD 880-68689/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	68689
880-36709-4 MS	H-4 (0-0.5')	Soluble	Solid	300.0	68689
880-36709-4 MSD	H-4 (0-0.5')	Soluble	Solid	300.0	68689

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-36709-1

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	68743	12/09/23 16:01	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68654	12/10/23 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68847	12/10/23 05:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			68813	12/09/23 10:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	68711	12/08/23 16:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68737	12/09/23 10:41	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	68723	12/09/23 08:14	CH	EET MID

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

Lab Sample ID: 880-36709-2

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	68743	12/09/23 16:01	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68654	12/10/23 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68847	12/10/23 06:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			68813	12/09/23 11:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	68711	12/08/23 16:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68737	12/09/23 11:47	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 14:37	CH	EET MID

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

Lab Sample ID: 880-36709-3

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	68743	12/09/23 16:01	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68654	12/10/23 06:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68847	12/10/23 06:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			68813	12/09/23 12:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	68711	12/08/23 16:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68737	12/09/23 12:09	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 14:44	CH	EET MID

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

Lab Sample ID: 880-36709-4

Date Collected: 12/07/23 00:00

Matrix: Solid

Date Received: 12/08/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	68743	12/09/23 16:01	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	68654	12/10/23 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			68847	12/10/23 06:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Date Collected: 12/07/23 00:00

Date Received: 12/08/23 14:37

Lab Sample ID: 880-36709-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			68813	12/09/23 12:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	68711	12/08/23 16:38	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	68737	12/09/23 12:30	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	68689	12/08/23 15:11	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	68723	12/09/23 14:50	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

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

Protocol References:
ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

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

Sample Summary

Client: Carmona Resources
Project/Site: Daisy 24 State Com battery (11.11.23)

Job ID: 880-36709-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-36709-1	H-1 (0-0.5')	Solid	12/07/23 00:00	12/08/23 14:37
880-36709-2	H-2 (0-0.5')	Solid	12/07/23 00:00	12/08/23 14:37
880-36709-3	H-3 (0-0.5')	Solid	12/07/23 00:00	12/08/23 14:37
880-36709-4	H-4 (0-0.5')	Solid	12/07/23 00:00	12/08/23 14:37

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody



880-36709 Chain of Custody

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

Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> IJC	<input type="checkbox"/> Pertund
State of Project:				
Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> UST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables	EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/> Other	

Project Name	Daisy 24 State Com Battery (11 11 23)	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush												None NO	DI Water H ₂ O
Project Number	2205														Cool Cool	MeOH Me
Project Location	Eddy County, New Mexico	Due Date	48 HR												HCL, HC	HNO ₃ HN
Sampler's Name	JR														H ₂ SO ₄ H ₂	NaOH Na
PO #															H ₃ PO ₄ HP	
SAMPLE RECEIPT		Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters							Sample Comments	
Received Intact		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						BTEX 8021B								
Cooler Custody Seals		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						TPH 8015M (GRO + DRO + MRO)								
Sample Custody Seals		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Chloride 300.0								
Total Containers		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														
		Temperature Reading														
		Corrected Temperature														
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont									
H-1 (0-0.5')		12/7/2023		X		G	1	X	X	X						
H-2 (0-0.5')		12/7/2023		X		G	1	X	X	X						
H-3 (0-0.5')		12/7/2023		X		G	1	X	X	X						
H-4 (0-0.5')		12/7/2023		X		G	1	X	X	X						

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/8/23		1/4/24

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-36709-1
SDG Number: Eddy County, New Mexico

Login Number: 36709
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 20, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: DAISY 24 STATE COM BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/19/23 8:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 (1.5') (H236726-01)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	12/19/2023	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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (1.5') (H236726-02)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (1.5') (H236726-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (1.5') (H236726-04)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (1.5') (H236726-05)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (1.5') (H236726-06)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (1.5') (H236726-07)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEx	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64	

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (1.5') (H236726-08)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEx	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (1.5') (H236726-09)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (1.5') (H236726-10)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 (1.5') (H236726-11)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (1.5') (H236726-12)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 13 (1.5') (H236726-13)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 14 (1.5') (H236726-14)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	180	90.2	200	3.87	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	177	88.5	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 15 (1.5') (H236726-15)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEX	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	148	74.2	200	8.77	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	155	77.7	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (1.5') (H236726-16)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (1.5') (H236726-17)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	180	90.2	200	3.87	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	177	88.5	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (1.5') (H236726-18)

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	12/19/2023	ND	2.22	111	2.00	9.35		
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	148	74.2	200	8.77	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	155	77.7	200	6.07	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (1.5') (H236726-19)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64	

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	12/20/2023	ND	173	86.3	200	0.635	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	179	89.7	200	0.857	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (1.5') (H236726-20)

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	12/19/2023	ND	2.22	111	2.00	9.35	
Toluene*	<0.050	0.050	12/19/2023	ND	2.23	112	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.33	117	2.00	1.25	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.08	118	6.00	3.00	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/20/2023	ND	190	95.1	200	0.766	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	169	84.5	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (1.5') (H236726-21)

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	12/19/2023	ND	2.36	118	2.00	4.79	QM-07
Toluene*	<0.050	0.050	12/19/2023	ND	2.36	118	2.00	1.42	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.45	122	2.00	1.47	QM-07
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.32	122	6.00	2.08	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	448	112	400	3.64		

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	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (1.5') (H236726-22)

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	12/19/2023	ND	2.36	118	2.00	4.79		
Toluene*	<0.050	0.050	12/19/2023	ND	2.36	118	2.00	1.42		
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.45	122	2.00	1.47		
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.32	122	6.00	2.08		
Total BTEx	<0.300	0.300	12/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-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	12/20/2023	ND	416	104	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	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (1.5') (H236726-23)

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	12/19/2023	ND	2.36	118	2.00	4.79	
Toluene*	<0.050	0.050	12/19/2023	ND	2.36	118	2.00	1.42	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.45	122	2.00	1.47	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.32	122	6.00	2.08	
Total BTEx	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-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	12/20/2023	ND	416	104	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	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (1.5') (H236726-24)

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	12/19/2023	ND	2.36	118	2.00	4.79	
Toluene*	<0.050	0.050	12/19/2023	ND	2.36	118	2.00	1.42	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.45	122	2.00	1.47	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.32	122	6.00	2.08	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	12/20/2023	ND	416	104	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	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (1.5') (H236726-25)

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	12/19/2023	ND	2.36	118	2.00	4.79	
Toluene*	<0.050	0.050	12/19/2023	ND	2.36	118	2.00	1.42	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.45	122	2.00	1.47	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.32	122	6.00	2.08	
Total BTEX	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	12/20/2023	ND	416	104	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	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 12/19/2023
 Reported: 12/20/2023
 Project Name: DAISY 24 STATE COM BATTERY
 Project Number: 2205 (11.11.23)
 Project Location: EDDY CO NM

Sampling Date: 12/18/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (1.5') (H236726-26)

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	12/19/2023	ND	2.36	118	2.00	4.79	
Toluene*	<0.050	0.050	12/19/2023	ND	2.36	118	2.00	1.42	
Ethylbenzene*	<0.050	0.050	12/19/2023	ND	2.45	122	2.00	1.47	
Total Xylenes*	<0.150	0.150	12/19/2023	ND	7.32	122	6.00	2.08	
Total BTEx	<0.300	0.300	12/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	12/20/2023	ND	416	104	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	12/19/2023	ND	164	81.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	12/19/2023	ND	175	87.6	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	12/19/2023	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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 samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

H236726

Page 1 of 3

Project Manager: Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name: Carmona Resources		Company Name:			
Address: 310 W Wall St Ste 500		Address:			
City, State ZIP: Midland, TX 79701		City, State ZIP:			
Phone: 432-813-6823		Email: mcarmona@carmonaresources.com			
Project Name: Daisy 24 State Com Battery (11,11,23)		Turn Around		Pres. Code	
Project Number: 2205		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			
Project Location: Eddy County, New Mexico		Due Date: 24 HR			
Sampler's Name: JM					
PO #:					
SAMPLE RECEIPT		Temp Blank: Yes No		Wet Ice: Yes No	
Received Intact: Yes No		Thermometer ID: 1410			
Cooler Custody Seals: Yes No		Correction Factor: -0.82			
Sample Custody Seals: Yes No		Temperature Reading: 11			
Total Containers:		Corrected Temperature:			
Sample Identification		Date		Time	
CS-1 (1.5')		12/18/2023		X	
CS-2 (1.5')		12/18/2023		X	
CS-3 (1.5')		12/18/2023		X	
CS-4 (1.5')		12/18/2023		X	
CS-5 (1.5')		12/18/2023		X	
CS-6 (1.5')		12/18/2023		X	
CS-7 (1.5')		12/18/2023		X	
CS-8 (1.5')		12/18/2023		X	
CS-9 (1.5')		12/18/2023		X	
CS-10 (1.5')		12/18/2023		X	
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com					
Relinquished by: (Signature)		Date/Time		Received by: (Signature)	
12/19/23		0830		Shodkiewicz	

Chain of Custody

Work Order No:

4236724

Page 2 of 3

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

Work Order Comments	
Program: UST/PT	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Iperfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Daisy 24 State Com Battery (11.11.23)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2205	Due Date:	24 HR														None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me		
Sample's Name:	JM																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Well Ice:	Yes	No													H ₃ PO ₄ : HP	
Received Intact:	Yes	No		Thermometer ID:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-11 (1.5')	12/18/2023		X		Comp	1	X	X	X											
CS-12 (1.5')	12/18/2023		X		Comp	1	X	X	X											
CS-13 (1.5')	12/18/2023		X		Comp	1	X	X	X											
CS-14 (1.5')	12/18/2023		X		Comp	1	X	X	X											
CS-15 (1.5')	12/18/2023		X		Comp	1	X	X	X											
CS-16 (1.5')	12/18/2023		X		Comp	1	X	X	X											
CS-17 (1.5')	12/18/2023		X		Comp	1	X	X	X											
SW-1 (1.5')	12/18/2023		X		Comp	1	X	X	X											
SW-2 (1.5')	12/18/2023		X		Comp	1	X	X	X											
SW-3 (1.5')	12/18/2023		X		Comp	1	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	12/19/23 @ 0850	<i>Spodekian</i>	

Chain of Custody

Work Order No: A236724

Page 3 of 3

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

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Daisy 24 State Com Battery (11.11.23)	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2205	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me	
Sampler's Name:	JM																HCL: HC	HNO ₃ : HN	
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-4 (1.5')	12/18/2023		X		Comp	1	X	X	X										
SW-5 (1.5')	12/18/2023		X		Comp	1	X	X	X										
SW-6 (1.5')	12/18/2023		X		Comp	1	X	X	X										
SW-7 (1.5')	12/18/2023		X		Comp	1	X	X	X										
SW-8 (1.5')	12/18/2023		X		Comp	1	X	X	X										
SW-9 (1.5')	12/18/2023		X		Comp	1	X	X	X										

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>Conner Moehring</u>	12/19/23 @ 0850	<u>Neodriquel</u>	

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

Action 306665

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	306665
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333835289
Incident Name	NAPP2333835289 DAISY STATE 24 CTB @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2203350881] DAISY 24 STATE COM BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DAISY STATE 24 CTB
Date Release Discovered	11/11/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Valve Crude Oil Released: 4 BBL Recovered: 2 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 4 BBL Recovered: 1 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	calculations attached to Initial C-141

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 306665

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	306665
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 12/04/2023
--	---

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 3

Action 306665

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	306665
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	935
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	72.4
GRO+DRO	(EPA SW-846 Method 8015M)	72.4
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.1

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	12/15/2023
On what date will (or did) the final sampling or liner inspection occur	12/18/2023
On what date will (or was) the remediation complete(d)	12/18/2023
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	1550
What is the estimated volume (in cubic yards) that will be remediated	120

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.

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 4

Action 306665

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	306665
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	No
(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)	Yes
Other Non-listed Remedial Process. Please specify	none.

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 01/23/2024
--	---

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.

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 5

Action 306665

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	306665
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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 6

Action 306665

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	306665
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	294125
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2023
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1550

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	2670
What was the total volume (cubic yards) remediated	480
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)	No reclaiming was done.

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: 01/23/2024
--	---

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 7

Action 306665

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 306665
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

Action 306665

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 306665
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	4/9/2024