

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Eider 35 Federal 702H
Incident ID: NAPP2216033564
Lea County, New Mexico
Unit M Sec 35 T24S R32E
32.167530°, -103.651511°

Discolored Freshwater Mix Release
Point of Release: Third Party Trucking Company
Release Date: 05/25/2022
Volume Released: 60 barrels of Discolored Freshwater
Volume Recovered: 0 barrels of Discolored Freshwater

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
600 West Illinois Avenue,
Midland, Texas 79701

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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June 21, 2022

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

**Re: Closure Report
Eider 35 Federal 702H
Concho Operating, LLC
Site Location: Unit M, S35, T24S, R32E
(Lat 32.167530°, Long -103.651511°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for the Eider 35 Federal 702H. The site is located at 32.167530°, -103.651511° within Unit M, S35, T24S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), On May 25, 2022, a third-party truck providing dust suppression services released a discolored freshwater mix onto the pad. Approximately sixty (60) barrels of a discolored freshwater mix were released, with zero (0) barrels recovered. During emergency response activities, COG contractors took precautionary measures and immediately utilized a backhoe to scrape the pad's surface to remove any staining from the release. The impacted area is located on the pad and measures approximately 260' x 210', as shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water source is within a 0.50-mile radius of the location, in the form of a livestock tank. The nearest identified well is located approximately 1.25 miles Northwest of the site in S33, T24S, R32E and was drilled in 2012. The well has a reported depth to groundwater of 289 feet below ground surface (ft bgs). A freshwater well used for stock watering purposes is around 200' from the site with an unknown depth to water. A copy of the associated Summary Report is attached in Appendix D.



3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On June 2, 2022, Carmona Resources was on-site to define the release horizontally and vertically. A total of seven sample points (S-1 through S-7) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 1.0 ft below the surface. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain of custody protocol to Eurofins 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 containing analytical methods, results, and chain-of-custody documents are attached in Appendix E. See Figure 3 for the sample locations.

After further evaluation, no impact was on the pad, and all samples were below the regulatory limits and are summarized in Table 1.

5.0 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 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

Ashton Thielke
Sr. Project Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

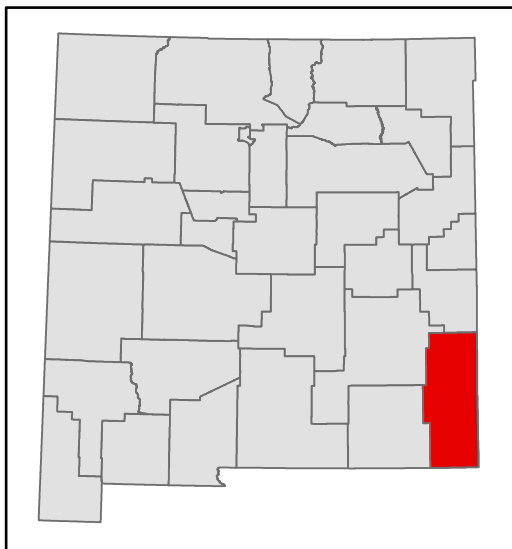


OVERVIEW MAP
COG OPERATING
EIDER 35 FEDERAL
LEA COUNTY, NEW MEXICO
32.167519°, -103.651542°



0 1.5 3 6
Miles

★ Site Location

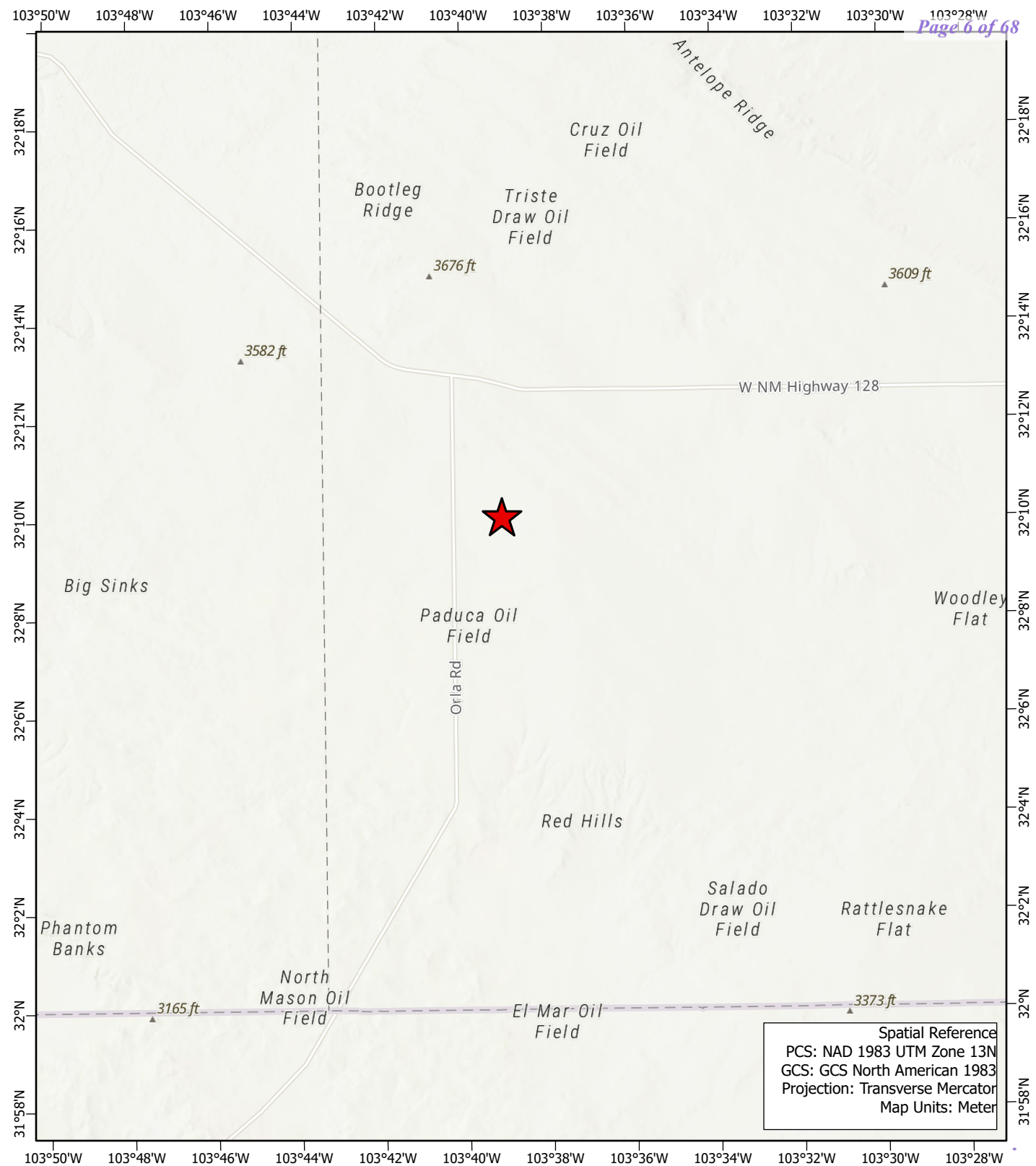


CARMONA RESOURCES



Carmona Resources
310 West Wall Street, Suite
415 Midland, Texas 79701

DRAWING NUMBER: **Figure 1**
SHEET NUMBER: **1 of 1**



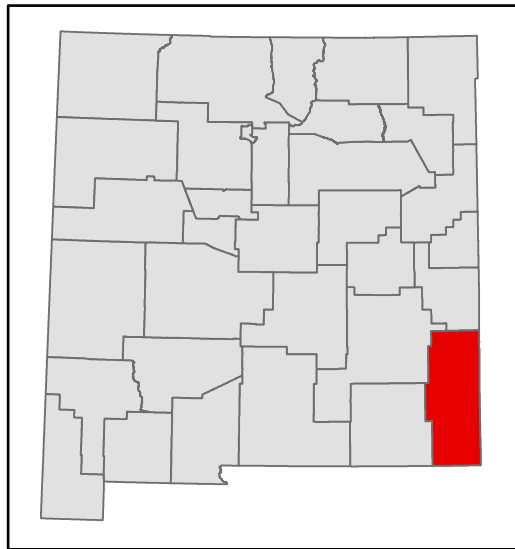
Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter

TOPOGRAPHIC MAP
COG OPERATING
EIDER 35 FEDERAL
LEA COUNTY, NEW MEXICO
32.167519°, -103.651542°



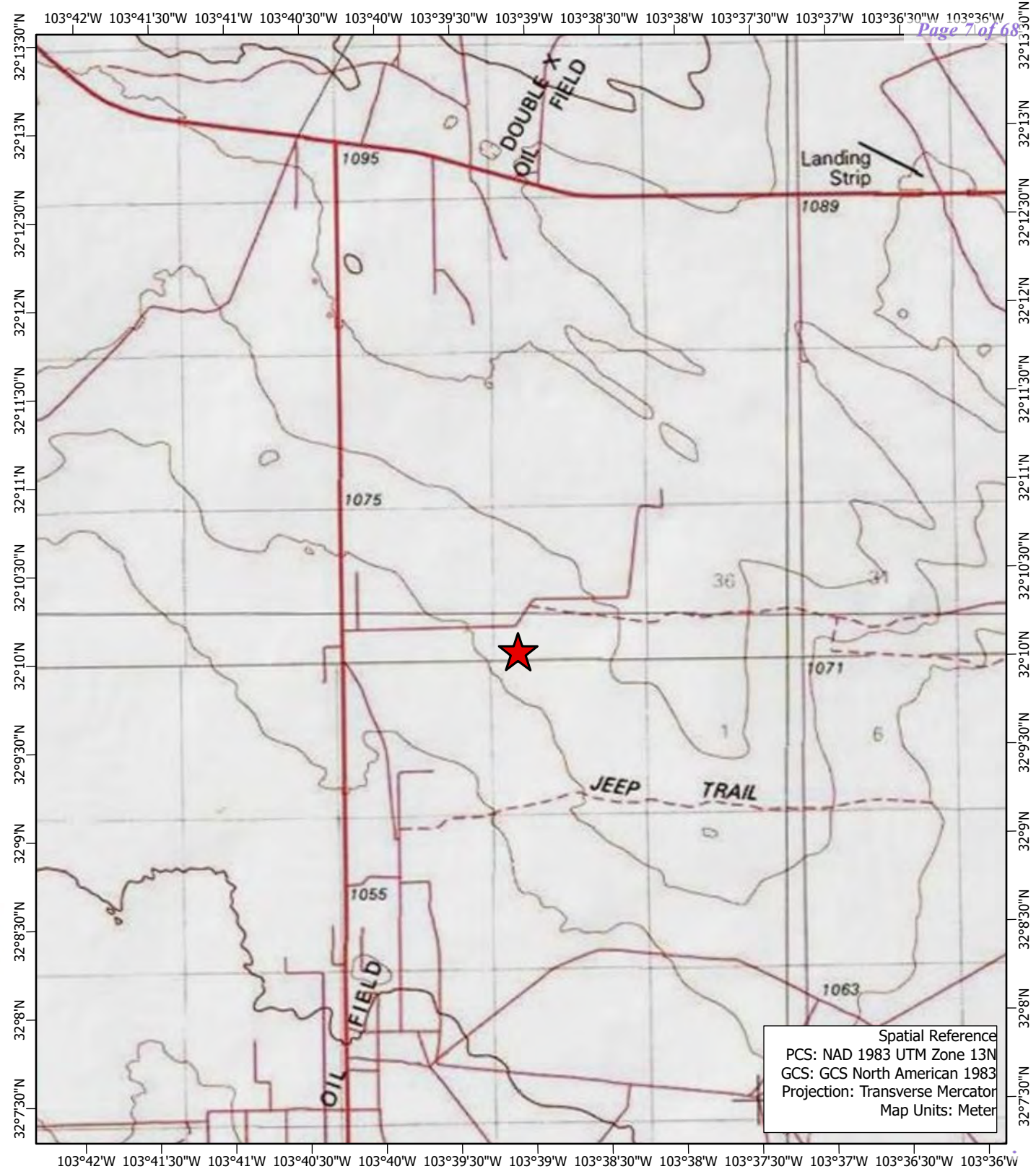
0 0.5 1 2
Miles

★ Site Location



Carmona Resources
310 West Wall Street, Suite
415 Midland, Texas 79701

DRAWING NUMBER: **Figure 2**
SHEET NUMBER: **1 of 1**



SAMPLE LOCATION MAP
COG OPERATING
 EIDER 35 FEDERAL
 LEA COUNTY, NEW MEXICO
 32.167519°, -103.651542°



0 37.5 75 150
 Feet

Legend

- Well Head
- Well Pad
- Horizontals
- Lined Release Pit
- Sample Points
- Overspray Area

Spatial Reference

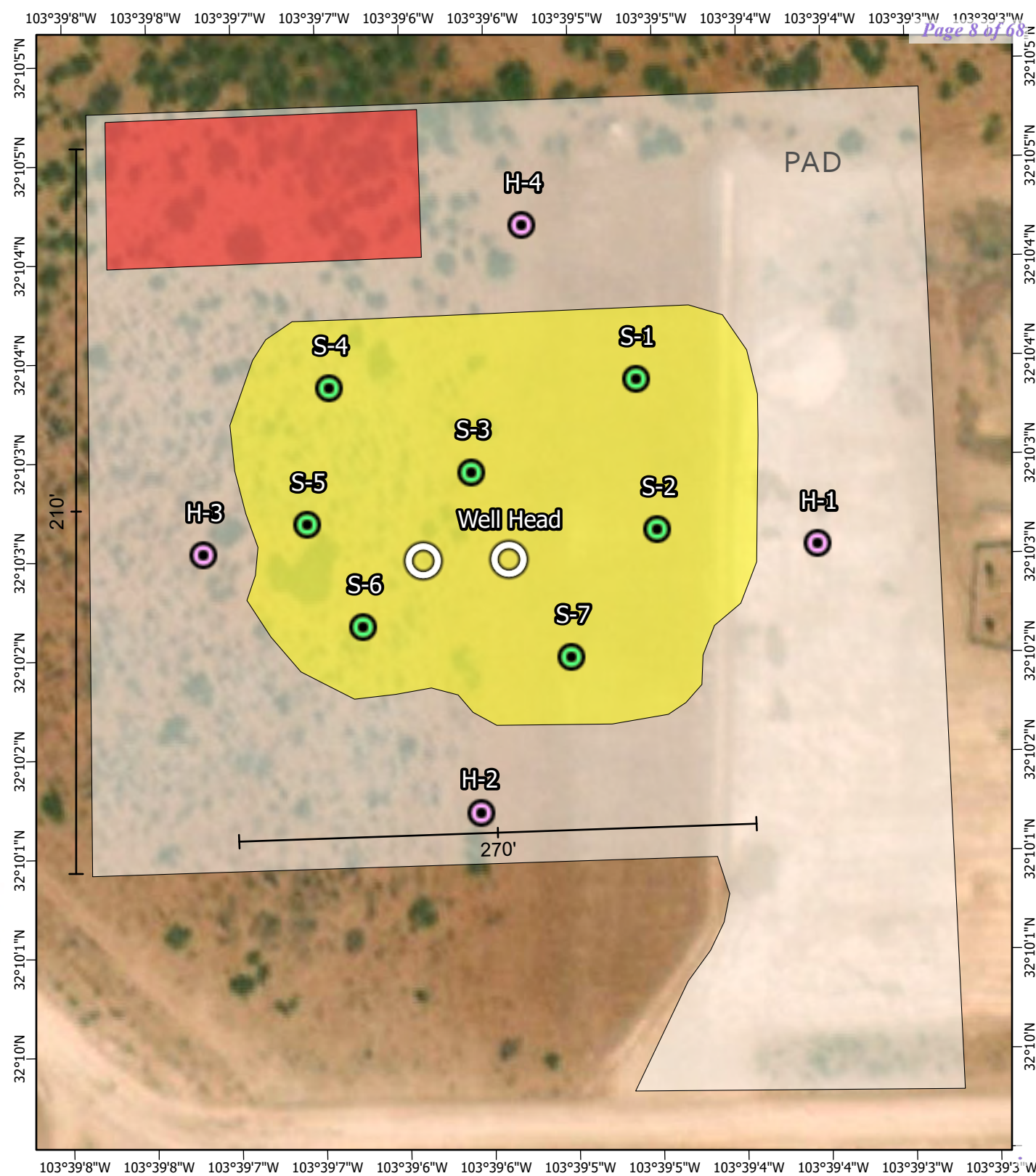
PCS: NAD 1983 UTM Zone 13N
 GCS: GCS North American 1983
 Projection: Transverse Mercator
 Map Units: Meter
 Date Exported: 06/17/2022

CARMONA RESOURCES



Carmona Resources
 310 West Wall Street, Suite
 415 Midland, Texas 79701

DRAWING NUMBER: Figure 3
SHEET NUMBER: 1 of 1



APPENDIX A

CARMONA RESOURCES



Table 1
COG
Eider 35 Federal
Lea 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	6/2/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	97.8
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	115
S-2	6/2/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	115
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	136
S-3	6/2/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	132
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
S-4	6/2/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	118
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	130
S-5	6/2/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	76.8
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	33.8
S-6	6/2/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	179
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	41.6
S-7	6/2/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	135
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	75.1
H-1	5/23/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	123
H-2	5/23/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	194
H-3	5/23/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	177
H-4	5/23/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	164
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 Point

(H) Horizontal

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Eider 35 Federal

County: Lea County, New Mexico

Description:

View Northwest of area.



Photograph No. 2

Facility: Eider 35 Federal

County: Lea County, New Mexico

Description:

View West of area.



Photograph No. 3

Facility: Eider 35 Federal

County: Lea County, New Mexico

Description:

View Northwest of area.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Eider 35 Federal

County: Lea County, New Mexico

Description:

View West of area.



Photograph No. 5

Facility: Eider 35 Federal

County: Lea County, New Mexico

Description:

View South of area.



Photograph No. 6

Facility: Eider 35 Federal

County: Lea County, New Mexico

Description:

View Southeast of area.



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)

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

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ 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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <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: _____

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?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ 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: Justin Carlile 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: Justin Carlile 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: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

APPENDIX D

CARMONA RESOURCES



NEAREST WATER WELL

COG OPERATING

Legend

- 0.50 Mile Radius
- 1.25 Miles
- 1.60 Miles
- Elder 35 Federal
- NMSEO Water Well
- USGS Water Well

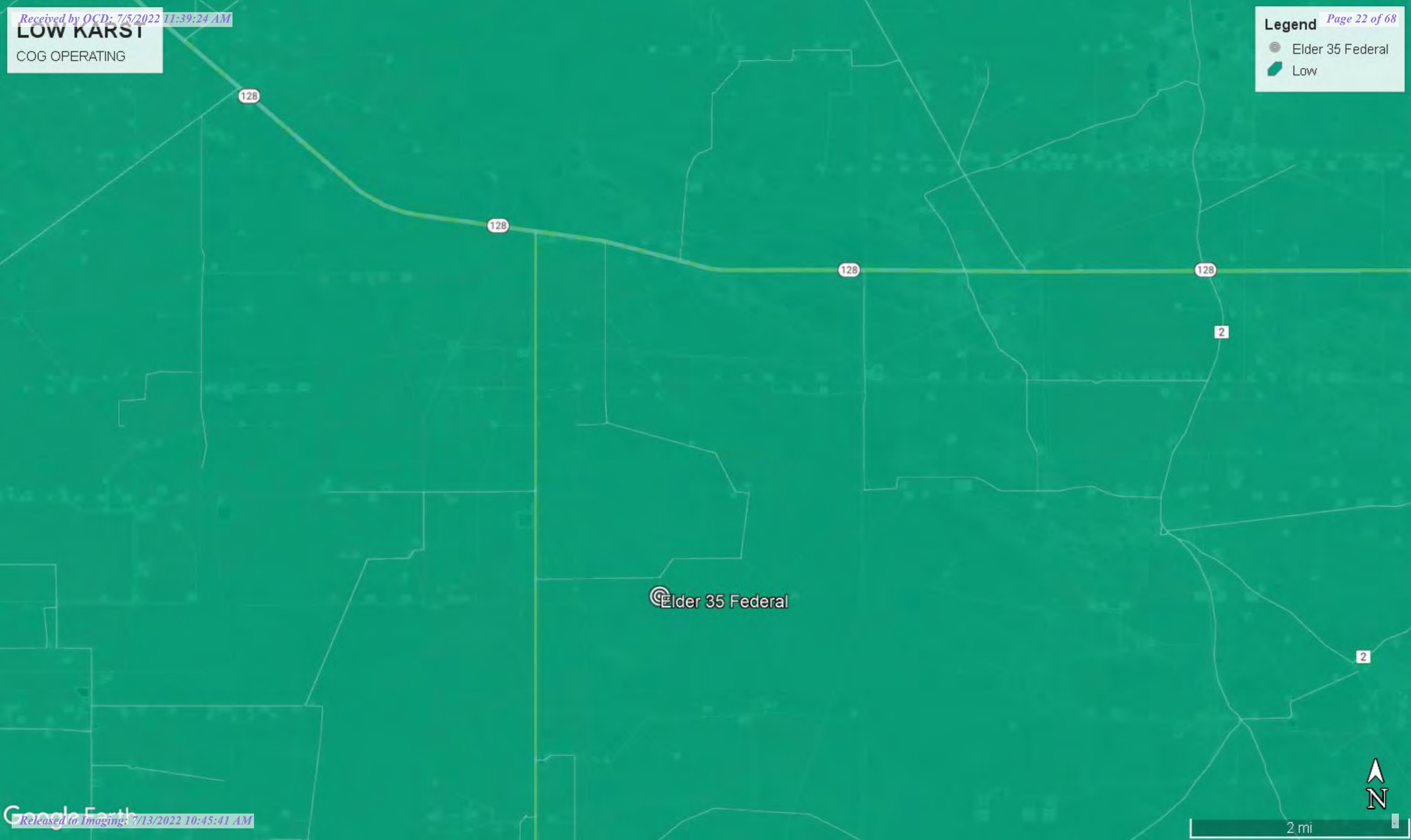


LOW KARST

COG OPERATING

Legend

-  Elder 35 Federal
-  Low





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 04536 POD1	C	LE		1	2	2	33	24S	32E	625019	3561244	2568	500	314	186

Average Depth to Water: **314 feet**

Minimum Depth: **314 feet**

Maximum Depth: **314 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 627145

Northing (Y): 3559802

Radius: 4000

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

5/30/22 9:16 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
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 =

- 321005103402301

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

USGS 321005103402301 24S.32E.33.42241

Lea County, New Mexico
Latitude 32°10'21.6", Longitude 103°40'18.9" NAD83
Land-surface elevation 3,499.00 feet above NGVD29
The depth of the well is 367 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1959-02-18			D 62610		3185.60	NGVD29	1		Z	
1959-02-18			D 62611		3187.32	NAVD88	1		Z	
1959-02-18			D 72019	313.40			1		Z	
1981-06-12			D 62610		3194.60	NGVD29	1		Z	
1981-06-12			D 62611		3196.32	NAVD88	1		Z	
1981-06-12			D 72019	304.40			1		Z	
1986-03-11			D 62610		3193.79	NGVD29	1		Z	
1986-03-11			D 62611		3195.51	NAVD88	1		Z	
1986-03-11			D 72019	305.21			1		Z	
1991-05-29			D 62610		3211.55	NGVD29	1		Z	
1991-05-29			D 62611		3213.27	NAVD88	1		Z	
1991-05-29			D 72019	287.45			1		Z	
1996-03-14			D 62610		3213.60	NGVD29	1		S	
1996-03-14			D 62611		3215.32	NAVD88	1		S	
1996-03-14			D 72019	285.40			1		S	
2001-02-27			D 62610		3210.32	NGVD29	1		S	
2001-02-27			D 62611		3212.04	NAVD88	1		S	
2001-02-27			D 72019	288.68			1		S	

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
2013-01-17	16:30 UTC		m	62610	3209.31	NGVD29	1		S	USGS
2013-01-17	16:30 UTC		m	62611	3211.03	NAVD88	1		S	USGS
2013-01-17	16:30 UTC		m	72019	289.69		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	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.

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Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=321005103402301&agency_cd=USGS&format=html



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-06-15 22:46:40 EDT
0.28 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

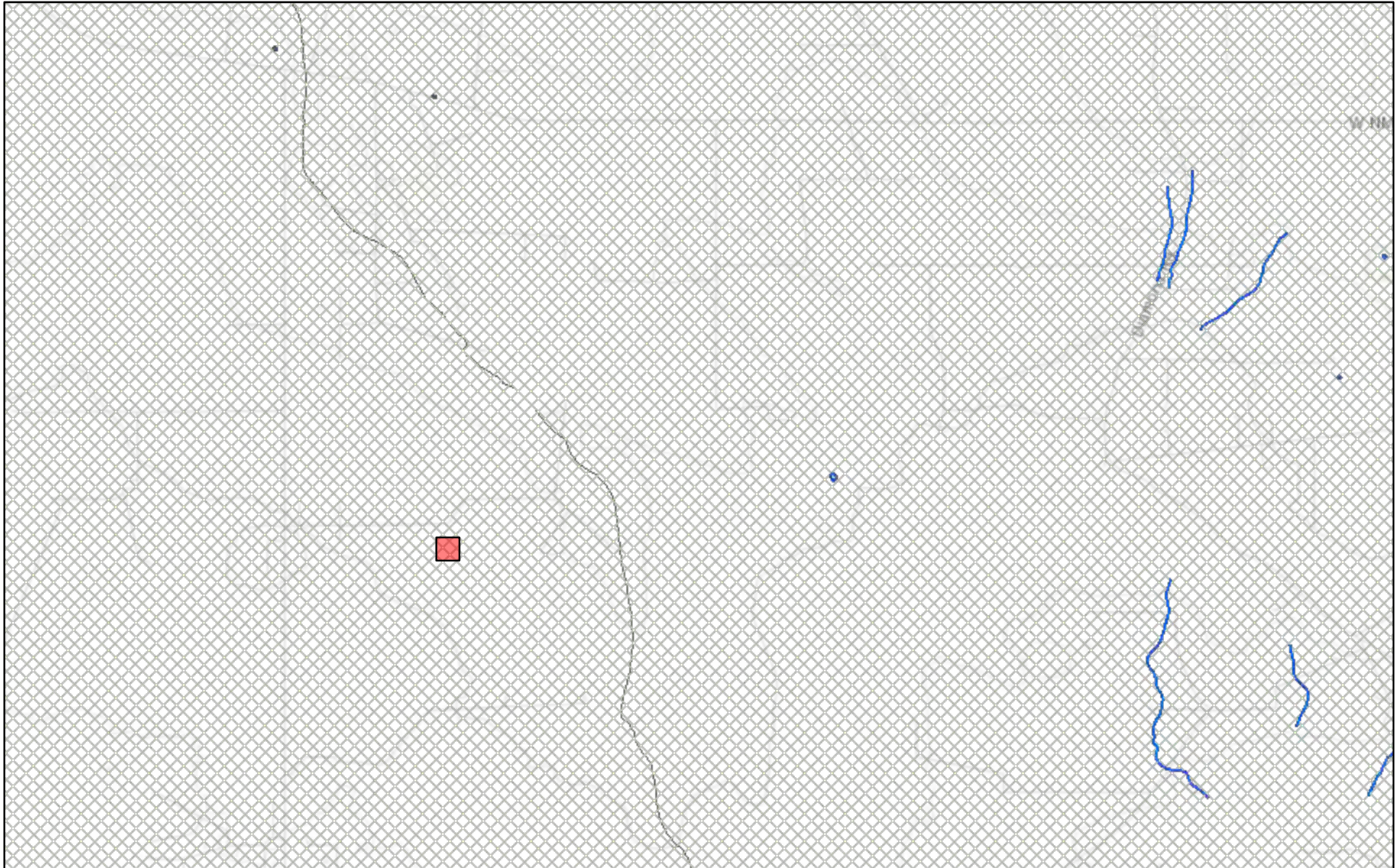
		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20E37	C 04536 POD1	1	2	2	33	24S	32E	625019	3561244 
Driller License:	1706	Driller Company:				ELITE DRILLERS CORPORATION			
Driller Name:	BRYCE WALLACE								
Drill Start Date:	06/09/2021	Drill Finish Date:				06/10/2021		Plug Date:	
Log File Date:	06/21/2021	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	4 GPM
Casing Size:	4.30	Depth Well:				500 feet		Depth Water:	314 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					235	480			
Casing Perforations:					Top	Bottom			
					300	500			

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.

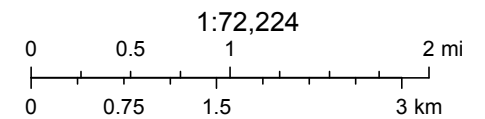
5/30/22 9:17 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



May 30, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-15426-1

Laboratory Sample Delivery Group: Lea Co. NM

Client Project/Site: Elder 35 Federal

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Ashton Thielke

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

6/8/2022 3:28:05 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: Elder 35 Federal

Laboratory Job ID: 880-15426-1
SDG: Lea Co. NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low 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.
□	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: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Job ID: 880-15426-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-15426-1****Receipt**

The samples were received on 6/2/2022 3:02 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 5.3°C

GC VOA

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: Surrogate recovery for the following sample was outside control limits: S-3 (1') (880-15426-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-26791 and analytical batch 880-26858 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-1

Date Collected: 06/02/22 10:00

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/03/22 15:13	06/06/22 15:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/03/22 15:13	06/06/22 15:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/03/22 15:13	06/06/22 15:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/03/22 15:13	06/06/22 15:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/03/22 15:13	06/06/22 15:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/03/22 15:13	06/06/22 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/03/22 15:13	06/06/22 15:11	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/03/22 15:13	06/06/22 15:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	06/02/22 15:52	06/03/22 02:21	1
o-Terphenyl	75		70 - 130	06/02/22 15:52	06/03/22 02:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.8		4.97		mg/Kg			06/05/22 04:20	1

Client Sample ID: S-1 (1')

Lab Sample ID: 880-15426-2

Date Collected: 06/02/22 10:01

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 15:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 15:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 15:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/03/22 15:13	06/06/22 15:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 15:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/03/22 15:13	06/06/22 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/03/22 15:13	06/06/22 15:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/03/22 15:13	06/06/22 15:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-1 (1')

Lab Sample ID: 880-15426-2

Date Collected: 06/02/22 10:01

Matrix: Solid

Date Received: 06/02/22 15:02

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 02:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 02:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/02/22 15:52	06/03/22 02:43	1
o-Terphenyl	79		70 - 130				06/02/22 15:52	06/03/22 02:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.95		mg/Kg			06/05/22 04:29	1

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

Lab Sample ID: 880-15426-3

Date Collected: 06/02/22 10:07

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/03/22 15:13	06/06/22 15:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/03/22 15:13	06/06/22 15:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/03/22 15:13	06/06/22 15:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/03/22 15:13	06/06/22 15:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/03/22 15:13	06/06/22 15:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/03/22 15:13	06/06/22 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/03/22 15:13	06/06/22 15:52	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/03/22 15:13	06/06/22 15:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 03:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 03:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-3

Date Collected: 06/02/22 10:07

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 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		06/02/22 15:52	06/03/22 03:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/02/22 15:52	06/03/22 03:05	1
o-Terphenyl	75		70 - 130				06/02/22 15:52	06/03/22 03:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		4.99		mg/Kg			06/05/22 04:38	1

Client Sample ID: S-2 (1')

Lab Sample ID: 880-15426-4

Date Collected: 06/02/22 10:08

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/03/22 15:13	06/06/22 16:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/03/22 15:13	06/06/22 16:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/03/22 15:13	06/06/22 16:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/03/22 15:13	06/06/22 16:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/03/22 15:13	06/06/22 16:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/03/22 15:13	06/06/22 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/03/22 15:13	06/06/22 16:12	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/03/22 15:13	06/06/22 16:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 03:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 03:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/02/22 15:52	06/03/22 03:26	1
o-Terphenyl	72		70 - 130				06/02/22 15:52	06/03/22 03:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		5.01		mg/Kg			06/05/22 04:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-5

Date Collected: 06/02/22 10:10

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 16:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 16:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 16:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/03/22 15:13	06/06/22 16:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 16:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/03/22 15:13	06/06/22 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/03/22 15:13	06/06/22 16:33	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/03/22 15:13	06/06/22 16:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 03:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	06/02/22 15:52	06/03/22 03:48	1
o-Terphenyl	107		70 - 130	06/02/22 15:52	06/03/22 03:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		4.98		mg/Kg			06/05/22 04:56	1

Client Sample ID: S-3 (1')

Lab Sample ID: 880-15426-6

Date Collected: 06/02/22 10:11

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/03/22 15:13	06/06/22 16:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/03/22 15:13	06/06/22 16:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/03/22 15:13	06/06/22 16:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/03/22 15:13	06/06/22 16:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/03/22 15:13	06/06/22 16:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/03/22 15:13	06/06/22 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/03/22 15:13	06/06/22 16:53	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/03/22 15:13	06/06/22 16:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-3 (1')

Lab Sample ID: 880-15426-6

Date Collected: 06/02/22 10:11

Matrix: Solid

Date Received: 06/02/22 15:02

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				06/02/22 15:52	06/03/22 04:10	1
o-Terphenyl	63	S1-	70 - 130				06/02/22 15:52	06/03/22 04:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113	F1	5.02		mg/Kg			06/05/22 05:06	1

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

Lab Sample ID: 880-15426-7

Date Collected: 06/02/22 10:16

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/07/22 08:57	06/07/22 19:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/07/22 08:57	06/07/22 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/22 08:57	06/07/22 19:51	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/07/22 08:57	06/07/22 19:51	1

Method: 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			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-7

Date Collected: 06/02/22 10:16

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 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		06/02/22 15:52	06/03/22 04:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/02/22 15:52	06/03/22 04:31	1
o-Terphenyl	77		70 - 130				06/02/22 15:52	06/03/22 04:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.99		mg/Kg			06/05/22 05:33	1

Client Sample ID: S-4 (1')

Lab Sample ID: 880-15426-8

Date Collected: 06/02/22 10:17

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 20:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 20:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 20:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/07/22 08:57	06/07/22 20:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 20:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/07/22 08:57	06/07/22 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/07/22 08:57	06/07/22 20:11	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/07/22 08:57	06/07/22 20:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/03/22 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				06/02/22 15:52	06/03/22 04:53	1
o-Terphenyl	76		70 - 130				06/02/22 15:52	06/03/22 04:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.00		mg/Kg			06/05/22 05:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-9

Date Collected: 06/02/22 10:20

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 20:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 20:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 20:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/07/22 08:57	06/07/22 20:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 20:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/07/22 08:57	06/07/22 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/07/22 08:57	06/07/22 20:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/07/22 08:57	06/07/22 20:32	1

Method: 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			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 05:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 05:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/02/22 15:52	06/03/22 05:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/02/22 15:52	06/03/22 05:14	1
o-Terphenyl	81		70 - 130	06/02/22 15:52	06/03/22 05:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.8		4.98		mg/Kg			06/05/22 06:10	1

Client Sample ID: S-5 (1')

Lab Sample ID: 880-15426-10

Date Collected: 06/02/22 10:21

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/07/22 08:57	06/07/22 18:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/07/22 08:57	06/07/22 18:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/07/22 08:57	06/07/22 18:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/07/22 08:57	06/07/22 18:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/07/22 08:57	06/07/22 18:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/07/22 08:57	06/07/22 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/07/22 08:57	06/07/22 18:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/07/22 08:57	06/07/22 18:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-5 (1')

Lab Sample ID: 880-15426-10

Date Collected: 06/02/22 10:21

Matrix: Solid

Date Received: 06/02/22 15:02

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/22 08:31	06/03/22 12:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/22 08:31	06/03/22 12:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/22 08:31	06/03/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/03/22 08:31	06/03/22 12:34	1
o-Terphenyl	102		70 - 130				06/03/22 08:31	06/03/22 12:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.8		4.97		mg/Kg			06/05/22 06:19	1

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

Lab Sample ID: 880-15426-11

Date Collected: 06/02/22 10:22

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/07/22 08:57	06/07/22 18:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/07/22 08:57	06/07/22 18:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/07/22 08:57	06/07/22 18:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/07/22 08:57	06/07/22 18:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/07/22 08:57	06/07/22 18:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/07/22 08:57	06/07/22 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/07/22 08:57	06/07/22 18:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/07/22 08:57	06/07/22 18:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 13:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 13:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-11

Date Collected: 06/02/22 10:22

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 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		06/03/22 08:31	06/03/22 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/03/22 08:31	06/03/22 13:38	1
o-Terphenyl	107		70 - 130				06/03/22 08:31	06/03/22 13:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		5.00		mg/Kg			06/05/22 06:29	1

Client Sample ID: S-6 (1')

Lab Sample ID: 880-15426-12

Date Collected: 06/02/22 10:23

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 18:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 18:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 18:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/07/22 08:57	06/07/22 18:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 18:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/07/22 08:57	06/07/22 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/07/22 08:57	06/07/22 18:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/07/22 08:57	06/07/22 18:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 14:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 14:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				06/03/22 08:31	06/03/22 14:00	1
o-Terphenyl	104		70 - 130				06/03/22 08:31	06/03/22 14:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.6		5.00		mg/Kg			06/05/22 06:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-7 (0-0.5')

Lab Sample ID: 880-15426-13

Date Collected: 06/02/22 10:24

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 19:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 19:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 19:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/07/22 08:57	06/07/22 19:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/07/22 08:57	06/07/22 19:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/07/22 08:57	06/07/22 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 08:57	06/07/22 19:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/07/22 08:57	06/07/22 19:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/22 08:31	06/03/22 14:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/22 08:31	06/03/22 14:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/22 08:31	06/03/22 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/03/22 08:31	06/03/22 14:22	1
o-Terphenyl	99		70 - 130	06/03/22 08:31	06/03/22 14:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		5.04		mg/Kg			06/05/22 06:47	1

Client Sample ID: S-7 (1')

Lab Sample ID: 880-15426-14

Date Collected: 06/02/22 10:25

Matrix: Solid

Date Received: 06/02/22 15:02

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/07/22 08:57	06/07/22 19:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/07/22 08:57	06/07/22 19:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/07/22 08:57	06/07/22 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/07/22 08:57	06/07/22 19:31	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/07/22 08:57	06/07/22 19:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-7 (1')

Lab Sample ID: 880-15426-14

Date Collected: 06/02/22 10:25

Matrix: Solid

Date Received: 06/02/22 15:02

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/07/22 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 14:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 14:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/03/22 08:31	06/03/22 14:44	1
o-Terphenyl	93		70 - 130				06/03/22 08:31	06/03/22 14:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.1		5.01		mg/Kg			06/05/22 06:56	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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)
880-15425-A-1-C MS	Matrix Spike	111	100
880-15425-A-1-D MSD	Matrix Spike Duplicate	110	103
880-15426-1	S-1 (0-0.5')	108	102
880-15426-2	S-1 (1')	111	103
880-15426-3	S-2 (0-0.5')	110	103
880-15426-4	S-2 (1')	114	103
880-15426-5	S-3 (0-0.5')	114	105
880-15426-6	S-3 (1')	114	98
880-15426-7	S-4 (0-0.5')	106	97
880-15426-8	S-4 (1')	112	98
880-15426-9	S-5 (0-0.5')	107	99
880-15426-10	S-5 (1')	111	103
880-15426-11	S-6 (0-0.5')	112	100
880-15426-12	S-6 (1')	113	101
880-15426-13	S-7 (0-0.5')	112	102
880-15426-14	S-7 (1')	112	102
880-15516-A-1-B MS	Matrix Spike	107	105
880-15516-A-1-C MSD	Matrix Spike Duplicate	102	101
LCS 880-26840/1-A	Lab Control Sample	109	98
LCS 880-26988/1-A	Lab Control Sample	103	98
LCSD 880-26840/2-A	Lab Control Sample Dup	106	99
LCSD 880-26988/2-A	Lab Control Sample Dup	104	102
MB 880-26840/5-A	Method Blank	98	98
MB 880-26988/5-A	Method Blank	98	100
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)
880-15398-A-39-C MS	Matrix Spike	82	76
880-15398-A-39-D MSD	Matrix Spike Duplicate	86	80
880-15426-1	S-1 (0-0.5')	77	75
880-15426-2	S-1 (1')	83	79
880-15426-3	S-2 (0-0.5')	80	75
880-15426-4	S-2 (1')	76	72
880-15426-5	S-3 (0-0.5')	103	107
880-15426-6	S-3 (1')	69 S1-	63 S1-
880-15426-7	S-4 (0-0.5')	80	77
880-15426-8	S-4 (1')	77	76
880-15426-9	S-5 (0-0.5')	82	81
880-15426-10	S-5 (1')	100	102
880-15426-10 MS	S-5 (1')	100	93
880-15426-10 MSD	S-5 (1')	107	97
880-15426-11	S-6 (0-0.5')	101	107

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Surrogate Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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)
880-15426-12	S-6 (1')	103	104
880-15426-13	S-7 (0-0.5')	98	99
880-15426-14	S-7 (1')	89	93
LCS 880-26750/2-A	Lab Control Sample	128	126
LCS 880-26772/2-A	Lab Control Sample	128	119
LCSD 880-26750/3-A	Lab Control Sample Dup	105	104
LCSD 880-26772/3-A	Lab Control Sample Dup	113	107
MB 880-26750/1-A	Method Blank	101	106
MB 880-26772/1-A	Method Blank	100	112
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-26840/5-A

Matrix: Solid

Analysis Batch: 26886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 13:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 13:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 13:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/03/22 15:13	06/06/22 13:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/22 15:13	06/06/22 13:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/03/22 15:13	06/06/22 13:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/03/22 15:13	06/06/22 13:20	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/03/22 15:13	06/06/22 13:20	1

Lab Sample ID: LCS 880-26840/1-A

Matrix: Solid

Analysis Batch: 26886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08372		mg/Kg		84	70 - 130
Toluene	0.100	0.09617		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09144		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.2128		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1046		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-26840/2-A

Matrix: Solid

Analysis Batch: 26886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26840

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09103		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.09701		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.09282		mg/Kg		93	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2134		mg/Kg		107	70 - 130	0	35
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15425-A-1-C MS

Matrix: Solid

Analysis Batch: 26886

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 26840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.09019		mg/Kg		89	70 - 130
Toluene	<0.00199	U	0.101	0.09882		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15425-A-1-C MS

Matrix: Solid

Analysis Batch: 26886

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 26840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.101	0.09081		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2058		mg/Kg		102	70 - 130
o-Xylene	<0.00199	U	0.101	0.1034		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-15425-A-1-D MSD

Matrix: Solid

Analysis Batch: 26886

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 26840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09876		mg/Kg		98	70 - 130	9	35
Toluene	<0.00199	U	0.101	0.09954		mg/Kg		99	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.101	0.09060		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.2050		mg/Kg		102	70 - 130	0	35
o-Xylene	<0.00199	U	0.101	0.1016		mg/Kg		101	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-26988/5-A

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 12:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 12:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 12:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/07/22 08:57	06/07/22 12:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/22 08:57	06/07/22 12:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/07/22 08:57	06/07/22 12:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/07/22 08:57	06/07/22 12:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/07/22 08:57	06/07/22 12:43	1

Lab Sample ID: LCS 880-26988/1-A

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08600		mg/Kg		86	70 - 130
Toluene	0.100	0.09176		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08718		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.2004		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-26988/1-A

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09933		mg/Kg		99	70 - 130

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

Lab Sample ID: LCSD 880-26988/2-A

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26988

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1017		mg/Kg		102	70 - 130	17	35
Toluene	0.100	0.1016		mg/Kg		102	70 - 130	10	35
Ethylbenzene	0.100	0.09480		mg/Kg		95	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2151		mg/Kg		108	70 - 130	7	35
o-Xylene	0.100	0.1062		mg/Kg		106	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-15516-A-1-B MS

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 26988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.1028		mg/Kg		102	70 - 130
Toluene	<0.00199	U	0.101	0.09960		mg/Kg		99	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.09110		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.2068		mg/Kg		103	70 - 130
o-Xylene	<0.00199	U	0.101	0.1010		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-15516-A-1-C MSD

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 26988

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09110		mg/Kg		91	70 - 130	12	35
Toluene	<0.00199	U	0.100	0.08982		mg/Kg		90	70 - 130	10	35
Ethylbenzene	<0.00199	U	0.100	0.08215		mg/Kg		82	70 - 130	10	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1860		mg/Kg		93	70 - 130	11	35
o-Xylene	<0.00199	U	0.100	0.09081		mg/Kg		91	70 - 130	11	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15516-A-1-C MSD

Matrix: Solid

Analysis Batch: 26971

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 26988

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-26750/1-A

Matrix: Solid

Analysis Batch: 26700

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26750

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/02/22 20:16	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/02/22 20:16	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/02/22 15:52	06/02/22 20:16	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	101		70 - 130				06/02/22 15:52	06/02/22 20:16	1	
o-Terphenyl	106		70 - 130				06/02/22 15:52	06/02/22 20:16	1	

Lab Sample ID: LCS 880-26750/2-A

Matrix: Solid

Analysis Batch: 26700

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26750

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	958.6		mg/Kg		96	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	960.7		mg/Kg		96	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	128		70 - 130							
o-Terphenyl	126		70 - 130							

Lab Sample ID: LCSD 880-26750/3-A

Matrix: Solid

Analysis Batch: 26700

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26750

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	847.3		mg/Kg		85	70 - 130	12	20	
Diesel Range Organics (Over C10-C28)	1000	789.8		mg/Kg		79	70 - 130	20	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	105		70 - 130							
o-Terphenyl	104		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15398-A-39-C MS

Matrix: Solid

Analysis Batch: 26700

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 26750

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	871.6		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	719.2		mg/Kg		72	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	82		70 - 130						
o-Terphenyl	76		70 - 130						

Lab Sample ID: 880-15398-A-39-D MSD

Matrix: Solid

Analysis Batch: 26700

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 26750

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	<49.9	U	1000	896.0		mg/Kg		87	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	761.9		mg/Kg		76	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	80		70 - 130								

Lab Sample ID: MB 880-26772/1-A

Matrix: Solid

Analysis Batch: 26776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26772

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 11:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 11:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/22 08:31	06/03/22 11:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/03/22 08:31	06/03/22 11:07	1
o-Terphenyl	112		70 - 130				06/03/22 08:31	06/03/22 11:07	1

Lab Sample ID: LCS 880-26772/2-A

Matrix: Solid

Analysis Batch: 26776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1083		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1155		mg/Kg		115	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-26772/2-A

Matrix: Solid

Analysis Batch: 26776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26772

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: LCSD 880-26772/3-A

Matrix: Solid

Analysis Batch: 26776

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26772

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	891.9		mg/Kg		89	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130	11	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-15426-10 MS

Matrix: Solid

Analysis Batch: 26776

Client Sample ID: S-5 (1')

Prep Type: Total/NA

Prep Batch: 26772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	956.7		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	896.8		mg/Kg		90	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-15426-10 MSD

Matrix: Solid

Analysis Batch: 26776

Client Sample ID: S-5 (1')

Prep Type: Total/NA

Prep Batch: 26772

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	<49.9	U	1000	1057		mg/Kg		104	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	941.0		mg/Kg		94	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	97		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-26791/1-A

Matrix: Solid

Analysis Batch: 26858

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			06/05/22 02:29	1

Lab Sample ID: LCS 880-26791/2-A

Matrix: Solid

Analysis Batch: 26858

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.9		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-26791/3-A

Matrix: Solid

Analysis Batch: 26858

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	231.6		mg/Kg		93	90 - 110	5	20

Lab Sample ID: 880-15426-6 MS

Matrix: Solid

Analysis Batch: 26858

Client Sample ID: S-3 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	113	F1	251	325.9	F1	mg/Kg		85	90 - 110

Lab Sample ID: 880-15426-6 MSD

Matrix: Solid

Analysis Batch: 26858

Client Sample ID: S-3 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	113	F1	251	341.4		mg/Kg		91	90 - 110	5	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

GC VOA

Prep Batch: 26840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-15426-2	S-1 (1')	Total/NA	Solid	5035	
880-15426-3	S-2 (0-0.5')	Total/NA	Solid	5035	
880-15426-4	S-2 (1')	Total/NA	Solid	5035	
880-15426-5	S-3 (0-0.5')	Total/NA	Solid	5035	
880-15426-6	S-3 (1')	Total/NA	Solid	5035	
MB 880-26840/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26840/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26840/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15425-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-15425-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 26886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Total/NA	Solid	8021B	26840
880-15426-2	S-1 (1')	Total/NA	Solid	8021B	26840
880-15426-3	S-2 (0-0.5')	Total/NA	Solid	8021B	26840
880-15426-4	S-2 (1')	Total/NA	Solid	8021B	26840
880-15426-5	S-3 (0-0.5')	Total/NA	Solid	8021B	26840
880-15426-6	S-3 (1')	Total/NA	Solid	8021B	26840
MB 880-26840/5-A	Method Blank	Total/NA	Solid	8021B	26840
LCS 880-26840/1-A	Lab Control Sample	Total/NA	Solid	8021B	26840
LCSD 880-26840/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26840
880-15425-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	26840
880-15425-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	26840

Analysis Batch: 26971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-7	S-4 (0-0.5')	Total/NA	Solid	8021B	26988
880-15426-8	S-4 (1')	Total/NA	Solid	8021B	26988
880-15426-9	S-5 (0-0.5')	Total/NA	Solid	8021B	26988
880-15426-10	S-5 (1')	Total/NA	Solid	8021B	26988
880-15426-11	S-6 (0-0.5')	Total/NA	Solid	8021B	26988
880-15426-12	S-6 (1')	Total/NA	Solid	8021B	26988
880-15426-13	S-7 (0-0.5')	Total/NA	Solid	8021B	26988
880-15426-14	S-7 (1')	Total/NA	Solid	8021B	26988
MB 880-26988/5-A	Method Blank	Total/NA	Solid	8021B	26988
LCS 880-26988/1-A	Lab Control Sample	Total/NA	Solid	8021B	26988
LCSD 880-26988/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	26988
880-15516-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	26988
880-15516-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	26988

Prep Batch: 26988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-7	S-4 (0-0.5')	Total/NA	Solid	5035	
880-15426-8	S-4 (1')	Total/NA	Solid	5035	
880-15426-9	S-5 (0-0.5')	Total/NA	Solid	5035	
880-15426-10	S-5 (1')	Total/NA	Solid	5035	
880-15426-11	S-6 (0-0.5')	Total/NA	Solid	5035	
880-15426-12	S-6 (1')	Total/NA	Solid	5035	
880-15426-13	S-7 (0-0.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 26988 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-14	S-7 (1')	Total/NA	Solid	5035	
MB 880-26988/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-26988/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-26988/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15516-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-15516-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-2	S-1 (1')	Total/NA	Solid	Total BTEX	
880-15426-3	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-4	S-2 (1')	Total/NA	Solid	Total BTEX	
880-15426-5	S-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-6	S-3 (1')	Total/NA	Solid	Total BTEX	
880-15426-7	S-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-8	S-4 (1')	Total/NA	Solid	Total BTEX	
880-15426-9	S-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-10	S-5 (1')	Total/NA	Solid	Total BTEX	
880-15426-11	S-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-12	S-6 (1')	Total/NA	Solid	Total BTEX	
880-15426-13	S-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15426-14	S-7 (1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 26700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	26750
880-15426-2	S-1 (1')	Total/NA	Solid	8015B NM	26750
880-15426-3	S-2 (0-0.5')	Total/NA	Solid	8015B NM	26750
880-15426-4	S-2 (1')	Total/NA	Solid	8015B NM	26750
880-15426-5	S-3 (0-0.5')	Total/NA	Solid	8015B NM	26750
880-15426-6	S-3 (1')	Total/NA	Solid	8015B NM	26750
880-15426-7	S-4 (0-0.5')	Total/NA	Solid	8015B NM	26750
880-15426-8	S-4 (1')	Total/NA	Solid	8015B NM	26750
880-15426-9	S-5 (0-0.5')	Total/NA	Solid	8015B NM	26750
MB 880-26750/1-A	Method Blank	Total/NA	Solid	8015B NM	26750
LCS 880-26750/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26750
LCSD 880-26750/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26750
880-15398-A-39-C MS	Matrix Spike	Total/NA	Solid	8015B NM	26750
880-15398-A-39-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	26750

Prep Batch: 26750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15426-2	S-1 (1')	Total/NA	Solid	8015NM Prep	
880-15426-3	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15426-4	S-2 (1')	Total/NA	Solid	8015NM Prep	
880-15426-5	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15426-6	S-3 (1')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

GC Semi VOA (Continued)

Prep Batch: 26750 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-7	S-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15426-8	S-4 (1')	Total/NA	Solid	8015NM Prep	
880-15426-9	S-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-26750/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26750/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26750/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15398-A-39-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-15398-A-39-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 26772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-10	S-5 (1')	Total/NA	Solid	8015NM Prep	
880-15426-11	S-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15426-12	S-6 (1')	Total/NA	Solid	8015NM Prep	
880-15426-13	S-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15426-14	S-7 (1')	Total/NA	Solid	8015NM Prep	
MB 880-26772/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-26772/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-26772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15426-10 MS	S-5 (1')	Total/NA	Solid	8015NM Prep	
880-15426-10 MSD	S-5 (1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 26776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-10	S-5 (1')	Total/NA	Solid	8015B NM	26772
880-15426-11	S-6 (0-0.5')	Total/NA	Solid	8015B NM	26772
880-15426-12	S-6 (1')	Total/NA	Solid	8015B NM	26772
880-15426-13	S-7 (0-0.5')	Total/NA	Solid	8015B NM	26772
880-15426-14	S-7 (1')	Total/NA	Solid	8015B NM	26772
MB 880-26772/1-A	Method Blank	Total/NA	Solid	8015B NM	26772
LCS 880-26772/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	26772
LCSD 880-26772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	26772
880-15426-10 MS	S-5 (1')	Total/NA	Solid	8015B NM	26772
880-15426-10 MSD	S-5 (1')	Total/NA	Solid	8015B NM	26772

Analysis Batch: 26815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-2	S-1 (1')	Total/NA	Solid	8015 NM	
880-15426-3	S-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-4	S-2 (1')	Total/NA	Solid	8015 NM	
880-15426-5	S-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-6	S-3 (1')	Total/NA	Solid	8015 NM	
880-15426-7	S-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-8	S-4 (1')	Total/NA	Solid	8015 NM	
880-15426-9	S-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-10	S-5 (1')	Total/NA	Solid	8015 NM	
880-15426-11	S-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-12	S-6 (1')	Total/NA	Solid	8015 NM	
880-15426-13	S-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-15426-14	S-7 (1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

HPLC/IC

Leach Batch: 26791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-2	S-1 (1')	Soluble	Solid	DI Leach	
880-15426-3	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-4	S-2 (1')	Soluble	Solid	DI Leach	
880-15426-5	S-3 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-6	S-3 (1')	Soluble	Solid	DI Leach	
880-15426-7	S-4 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-8	S-4 (1')	Soluble	Solid	DI Leach	
880-15426-9	S-5 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-10	S-5 (1')	Soluble	Solid	DI Leach	
880-15426-11	S-6 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-12	S-6 (1')	Soluble	Solid	DI Leach	
880-15426-13	S-7 (0-0.5')	Soluble	Solid	DI Leach	
880-15426-14	S-7 (1')	Soluble	Solid	DI Leach	
MB 880-26791/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-26791/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-26791/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15426-6 MS	S-3 (1')	Soluble	Solid	DI Leach	
880-15426-6 MSD	S-3 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 26858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15426-1	S-1 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-2	S-1 (1')	Soluble	Solid	300.0	26791
880-15426-3	S-2 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-4	S-2 (1')	Soluble	Solid	300.0	26791
880-15426-5	S-3 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-6	S-3 (1')	Soluble	Solid	300.0	26791
880-15426-7	S-4 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-8	S-4 (1')	Soluble	Solid	300.0	26791
880-15426-9	S-5 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-10	S-5 (1')	Soluble	Solid	300.0	26791
880-15426-11	S-6 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-12	S-6 (1')	Soluble	Solid	300.0	26791
880-15426-13	S-7 (0-0.5')	Soluble	Solid	300.0	26791
880-15426-14	S-7 (1')	Soluble	Solid	300.0	26791
MB 880-26791/1-A	Method Blank	Soluble	Solid	300.0	26791
LCS 880-26791/2-A	Lab Control Sample	Soluble	Solid	300.0	26791
LCSD 880-26791/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	26791
880-15426-6 MS	S-3 (1')	Soluble	Solid	300.0	26791
880-15426-6 MSD	S-3 (1')	Soluble	Solid	300.0	26791

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-1

Date Collected: 06/02/22 10:00

Matrix: Solid

Date Received: 06/02/22 15:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	26840	06/03/22 15:13	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26886	06/06/22 15:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 02:21	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 04:20	CH	XEN MID

Client Sample ID: S-1 (1')

Lab Sample ID: 880-15426-2

Date Collected: 06/02/22 10:01

Matrix: Solid

Date Received: 06/02/22 15:02

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	26840	06/03/22 15:13	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26886	06/06/22 15:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 02:43	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 04:29	CH	XEN MID

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

Lab Sample ID: 880-15426-3

Date Collected: 06/02/22 10:07

Matrix: Solid

Date Received: 06/02/22 15:02

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	26840	06/03/22 15:13	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26886	06/06/22 15:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 03:05	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 04:38	CH	XEN MID

Client Sample ID: S-2 (1')

Lab Sample ID: 880-15426-4

Date Collected: 06/02/22 10:08

Matrix: Solid

Date Received: 06/02/22 15:02

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	26840	06/03/22 15:13	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26886	06/06/22 16:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-2 (1')

Lab Sample ID: 880-15426-4

Date Collected: 06/02/22 10:08

Matrix: Solid

Date Received: 06/02/22 15:02

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			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 03:26	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 04:47	CH	XEN MID

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

Lab Sample ID: 880-15426-5

Date Collected: 06/02/22 10:10

Matrix: Solid

Date Received: 06/02/22 15:02

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	26840	06/03/22 15:13	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26886	06/06/22 16:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 03:48	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 04:56	CH	XEN MID

Client Sample ID: S-3 (1')

Lab Sample ID: 880-15426-6

Date Collected: 06/02/22 10:11

Matrix: Solid

Date Received: 06/02/22 15:02

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	26840	06/03/22 15:13	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26886	06/06/22 16:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 04:10	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 05:06	CH	XEN MID

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

Lab Sample ID: 880-15426-7

Date Collected: 06/02/22 10:16

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 19:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 04:31	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-7

Date Collected: 06/02/22 10:16

Matrix: Solid

Date Received: 06/02/22 15:02

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	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 05:33	CH	XEN MID

Client Sample ID: S-4 (1')

Lab Sample ID: 880-15426-8

Date Collected: 06/02/22 10:17

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 20:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 04:53	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 05:43	CH	XEN MID

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

Lab Sample ID: 880-15426-9

Date Collected: 06/02/22 10:20

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 20:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26750	06/02/22 15:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26700	06/03/22 05:14	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 06:10	CH	XEN MID

Client Sample ID: S-5 (1')

Lab Sample ID: 880-15426-10

Date Collected: 06/02/22 10:21

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 18:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26772	06/03/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26776	06/03/22 12:34	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 06:19	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-15426-11

Date Collected: 06/02/22 10:22

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 18:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26772	06/03/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26776	06/03/22 13:38	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 06:29	CH	XEN MID

Client Sample ID: S-6 (1')

Lab Sample ID: 880-15426-12

Date Collected: 06/02/22 10:23

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 18:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26772	06/03/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26776	06/03/22 14:00	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 06:38	CH	XEN MID

Client Sample ID: S-7 (0-0.5')

Lab Sample ID: 880-15426-13

Date Collected: 06/02/22 10:24

Matrix: Solid

Date Received: 06/02/22 15:02

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	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 19:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	26772	06/03/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26776	06/03/22 14:22	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 06:47	CH	XEN MID

Client Sample ID: S-7 (1')

Lab Sample ID: 880-15426-14

Date Collected: 06/02/22 10:25

Matrix: Solid

Date Received: 06/02/22 15:02

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	26988	06/07/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	26971	06/07/22 19:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27012	06/07/22 12:55	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Client Sample ID: S-7 (1')
Date Collected: 06/02/22 10:25
Date Received: 06/02/22 15:02

Lab Sample ID: 880-15426-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			26815	06/03/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	26772	06/03/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			26776	06/03/22 14:44	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	26791	06/03/22 09:38	SC	XEN MID
Soluble	Analysis	300.0		1			26858	06/05/22 06:56	CH	XEN MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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	T104704400-21-22	06-30-22

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: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Elder 35 Federal

Job ID: 880-15426-1
SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15426-1	S-1 (0-0.5')	Solid	06/02/22 10:00	06/02/22 15:02
880-15426-2	S-1 (1')	Solid	06/02/22 10:01	06/02/22 15:02
880-15426-3	S-2 (0-0.5')	Solid	06/02/22 10:07	06/02/22 15:02
880-15426-4	S-2 (1')	Solid	06/02/22 10:08	06/02/22 15:02
880-15426-5	S-3 (0-0.5')	Solid	06/02/22 10:10	06/02/22 15:02
880-15426-6	S-3 (1')	Solid	06/02/22 10:11	06/02/22 15:02
880-15426-7	S-4 (0-0.5')	Solid	06/02/22 10:16	06/02/22 15:02
880-15426-8	S-4 (1')	Solid	06/02/22 10:17	06/02/22 15:02
880-15426-9	S-5 (0-0.5')	Solid	06/02/22 10:20	06/02/22 15:02
880-15426-10	S-5 (1')	Solid	06/02/22 10:21	06/02/22 15:02
880-15426-11	S-6 (0-0.5')	Solid	06/02/22 10:22	06/02/22 15:02
880-15426-12	S-6 (1')	Solid	06/02/22 10:23	06/02/22 15:02
880-15426-13	S-7 (0-0.5')	Solid	06/02/22 10:24	06/02/22 15:02
880-15426-14	S-7 (1')	Solid	06/02/22 10:25	06/02/22 15:02

Project Manager	Ashlon Thielke	Bill to, (if different)	*Camrona Resources*
Company Name	Camrona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	mc@camrona.com

Work Order Comments	
Program: UST/PST ☐ PPR ☐ Brownfields ☐ IRC ☐ Superfund	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV	
Deliverables EDD ☐ ADAPT ☐ Other	

Work Order No: 15426

Page 1 of 1

Project Name:						Elder 35 Federal	Turn Around		ANALYSIS REQUEST								Preservative Codes	
Project Number		1070		☒ Routine ☐ Rush		Pres. Code										None NO	DI Water H ₂ O	
Project Location		Lea Co. NM				Due Date										Cool Cool	MeOH Me	
Sampler's Name:		AT				TAT starts the day received by the lab if received by 4:30pm										HCL HC	HNO ₃ HN	
PO #:																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT				Temp Blank Yes No		Yes No		Wet Ice. Yes No		(Yes) No						H ₃ PO ₄ HP		
Received Intact.				Yes No		Thermometer ID				-22						NaHSO ₄ NABIS		
Cooler Custody Seals.				Yes No		Correction Factor				55						Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals.				Yes No		Temperature Reading				55						Zn Acetate+NaOH Zn		
Total Containers						Corrected Temperature				53						NaOH+Ascorbic Acid SAPC		
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters							Sample Comments	
S-1 (0-0.5')				6/2/2022	1000	X		G	1	BTX 8021B								
S-1 (1')				6/2/2022	1001	X		G	1	TPH 8015M (GRO + DRO + MRO)								
S-2 (0-0.5')				6/2/2022	1007	X		G	1	Chloride 300.0								
S-2 (1')				6/2/2022	1008	X		G	1									
S-3 (0-0.5')				6/2/2022	1010	X		G	1									
S-3 (1')				6/2/2022	1011	X		G	1									
S-4 (0-0.5')				6/2/2022	1016	X		G	1									
S-4 (1')				6/2/2022	1017	X		G	1									
S-5 (0-0.5')				6/2/2022	1020	X		G	1									
S-5 (1')				6/2/2022	1021	X		G	1									



880-15426 Chain of Custody

HOLD

Comments:[illegible]

- 1
- 2
- 3
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- 13
- 14

Work Order No: 15426

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Project Manager	Ashton Thielke	Bill to (if different)	*Cammona Resources*
Company Name	Cammona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	incammona@cammonaresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Iperfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	Elder 35 Federal	Turn Around	☒ Routine ☐ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes				
Project Number	1070															None NO	DI Water H ₂ O		
Project Location	Lea Co. NM	Due Date														Cool Cool	MeOH Me		
Sampler's Name	AT															HCL HC	HNO ₃ HN		
PO #																H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT																H ₃ PO ₄ HP			
Received Intact	Yes ☒ No ☐	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Thermometer ID										NaHSO ₄ NABIS			
Cooler Custody Seals	Yes ☒ No ☐					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	
S-6 (0-0.5')		6/2/2022	1022	X		G	1	X	X	X									
S-6 (1')		6/2/2022	1023	X		G	1	X	X	X									
S-7 (0-0.5')		6/2/2022	1024	X		G	1	X	X	X									
S-7 (1')		6/2/2022	1025	X		G	1	X	X	X									

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		6/1/22			
		15:02			

Loc: 880
15426

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15426-1

SDG Number: Lea Co. NM

Login Number: 15426

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	

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 122669

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 122669
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/13/2022