CARMONA RESOURCES

SITE INFORMATION

Work Plan
Mamba 30 State Com #744/745
Lea County, New Mexico
Unit O Sec 30 T24S R33E
Incident #: NAPP2213054038
32.182000°, -103.607500°

Reuse Water Release
Point of Release: Overflow of Frac Tanks
Release Date: 05/03/2022
Volume Released: 272 barrels of Reuse Water
Volume Recovered: 260 barrels of Reuse Water

CARMONA RESOURCES

Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

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

CARMONA RESOURCES

TABLE OF CONTENTS

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

CARMONA RESOURCES

August 1, 2022

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

Re: Work Plan
Mamba 30 State Com #744/745
EOG Resources Inc.
Incident ID NAPP2213054038
Site Location: Unit O, S30, T24S, R33E
(Lat 32.182000º, Long -104.607500º)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for Mamba 30 State Com #744/745. The site is located at 32.182000º -104.607500º within Unit O, S30, T24S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 3, 2022, due to overflowing frac tanks. It resulted in approximately two hundred and seventy-two (272) barrels of reuse water and two hundred and sixty (260) barrels of reuse water being recovered. See figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 1.24 miles Southeast of the site in S05, T25S, R33E and was drilled in 1948. The well has a reported depth to groundwater of 90' feet below ground surface (ft bgs). A copy of the associated USGS – National Water Information System 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.

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4.0 Site Assessment Activities

Trenches

On July 19, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Eight (8) sample points were advanced to depths ranging from the surface to 6' bgs inside and surrounding the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

In Table 1, the areas of (T-1, T-2, and T-3) showed TPH, benzene, and total BTEX below the reporting limits. However, the area T-1 showed a high chloride concentration of 2,130 mg/kg at 6' bgs and was not vertically defined due to a dense formation layer. The area of T-2 showed elevated chloride concentrations at the surface to 2.0' bgs, then declined with depth. The area of T-3 showed high chloride concentrations at the surface to 4.0' bgs, then declined with depth showing a concentration of 502 mg/kg at 5.0' bgs. All horizontal samples were defined, except the area H-1.

The results of the sampling are summarized in Table 1. See Figure 3 for the sample locations.

5.0 Work Plan Proposal

Based on the analytical data and the detected TPH and chloride concentrations. EOG will drill a groundwater determination bore to >50' bgs within 0.50 miles radius of the area based on the initial site characterization research. Once achieved the new criteria utilized will be 10,00 mg/kg, 2,500 mg/kg (GRO + DRO + MRO) and 1,000 mg/kg (GRO + DRO). EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of T-1 and T-3 will be excavated to a depth of 4.0' once breaking through the dense geological formation below the surface and backfilled with clean material to surface grade.
- The area of T-1 will be vertically delineated with an air rotary rig while drilling the GWDB.
- The areas of T-2 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.
- The area of H-1 will be delineated while the GWDB is installed.

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CARMONA RESOURCES

- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole and sidewall samples will be collected every 400 square feet to represent the release area.
- The samples collected will be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0.
- Approximately 3,701 cubic yards are estimated to be removed and hauled to the closest disposal facility.
- The remediation will be implemented 90 days after the work plan is approved. Once the site activities and remediation are complete, the areas will be backfilled with clean material to surface grade.

6.0 Safety Concerns

Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, EOG will excavate the impacted soils to the maximum extent possible.

7.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, don't hesitate to contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

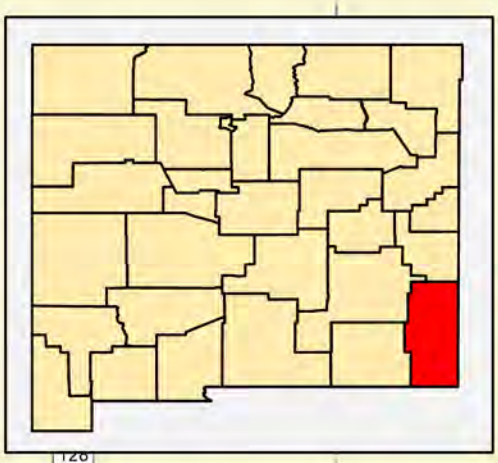
Mike Carmona
Environmental Manager

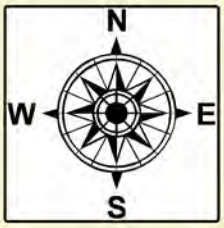
Conner Moehring
Sr. Project Manager

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

FIGURES

CARMONA RESOURCES





128

Ochoa

652

0 2 4 8 Miles

Legend

★ Site Location

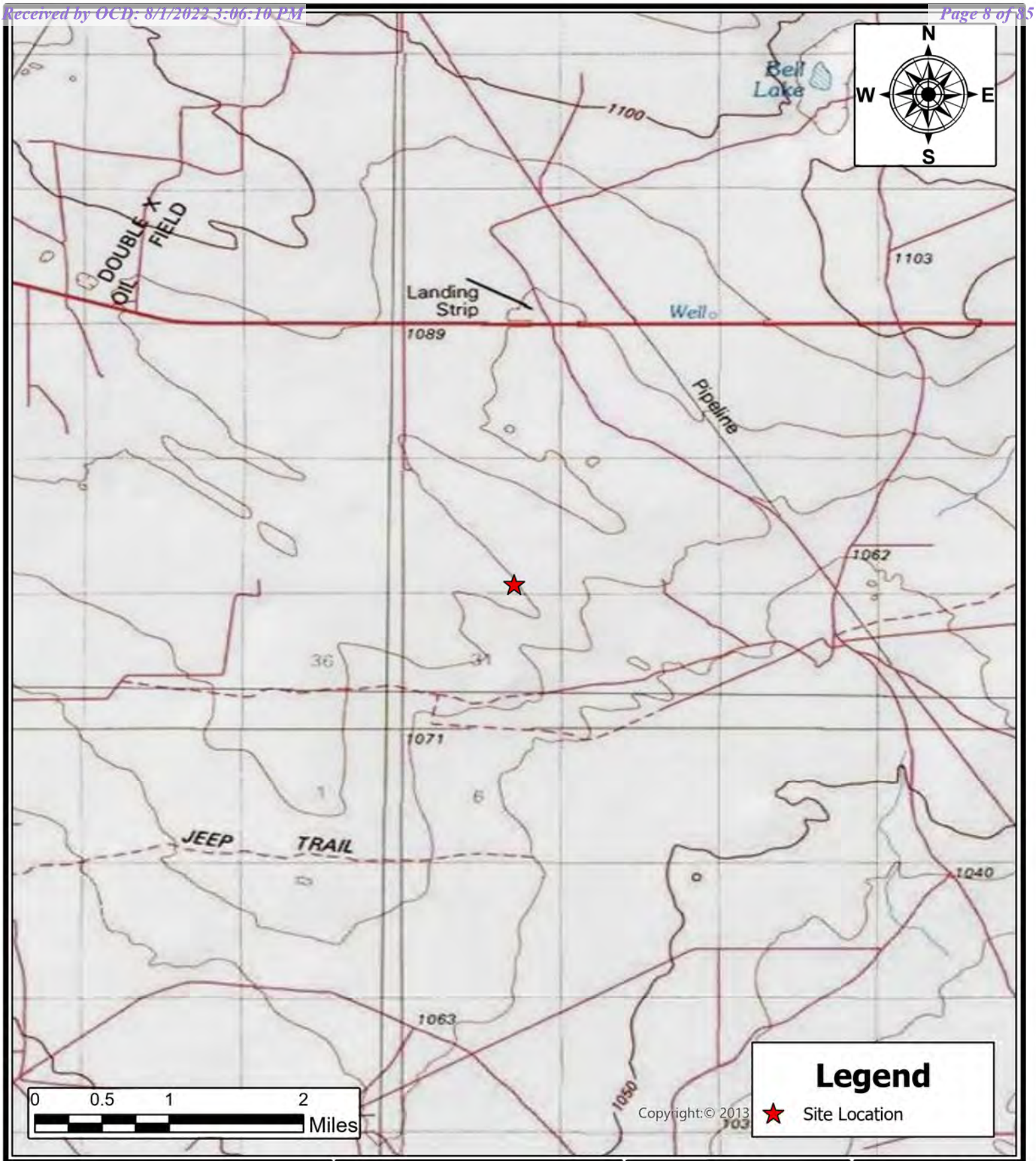
OVERVIEW MAP
EOG RESOURCES
MAMBA 30 STATE COM #744/745
LEA COUNTY, NEW MEXICO
32.182000, -103.607500

SCALE: As Shown | Date: 7/20/2022

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



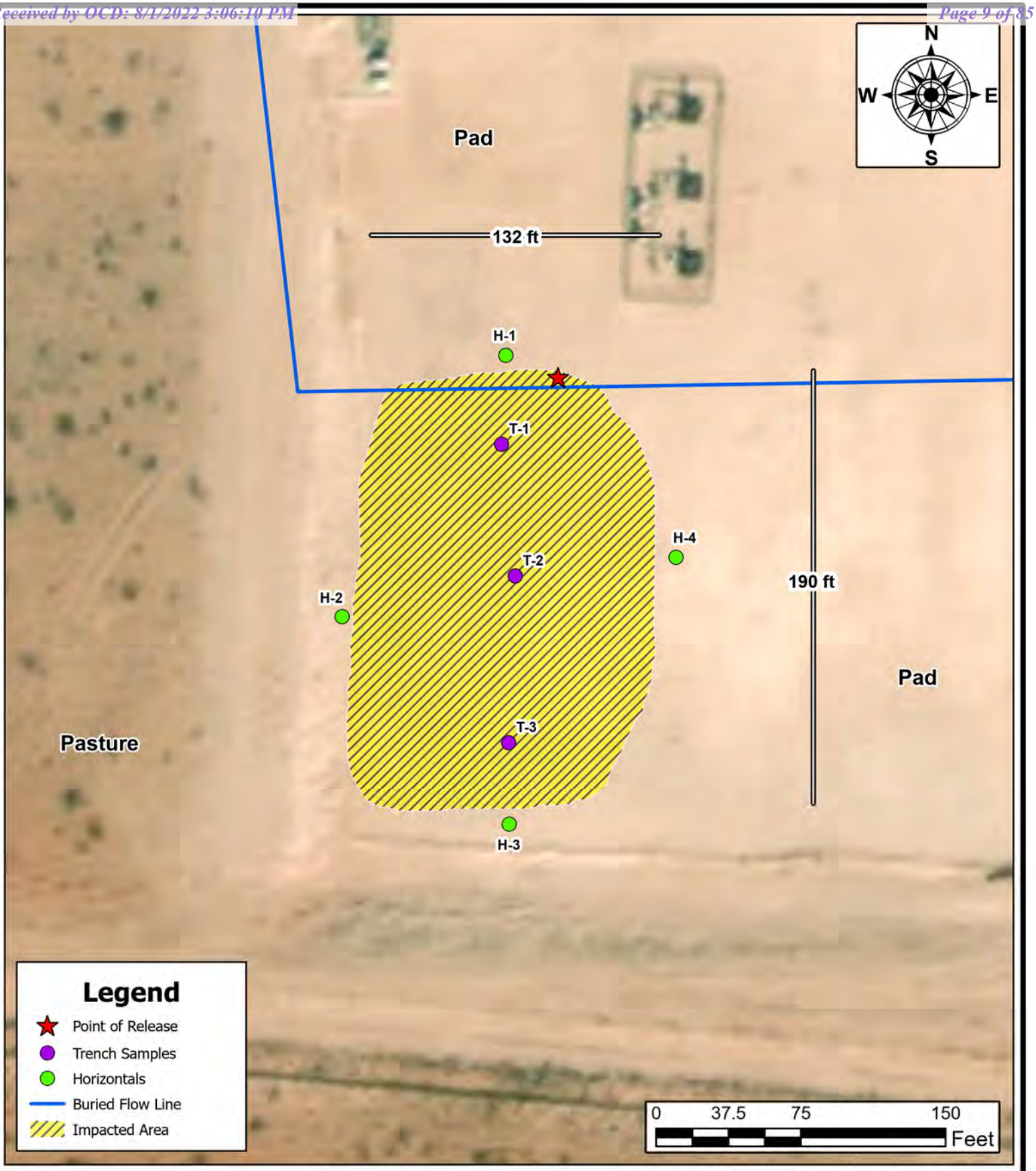
TOPOGRAPHIC MAP
EOG RESOURCES
MAMBA 30 STATE COM #744/745
LEA COUNTY, NEW MEXICO
32.182000, -103.607500

SCALE: As Shown | Date: 7/20/2022

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



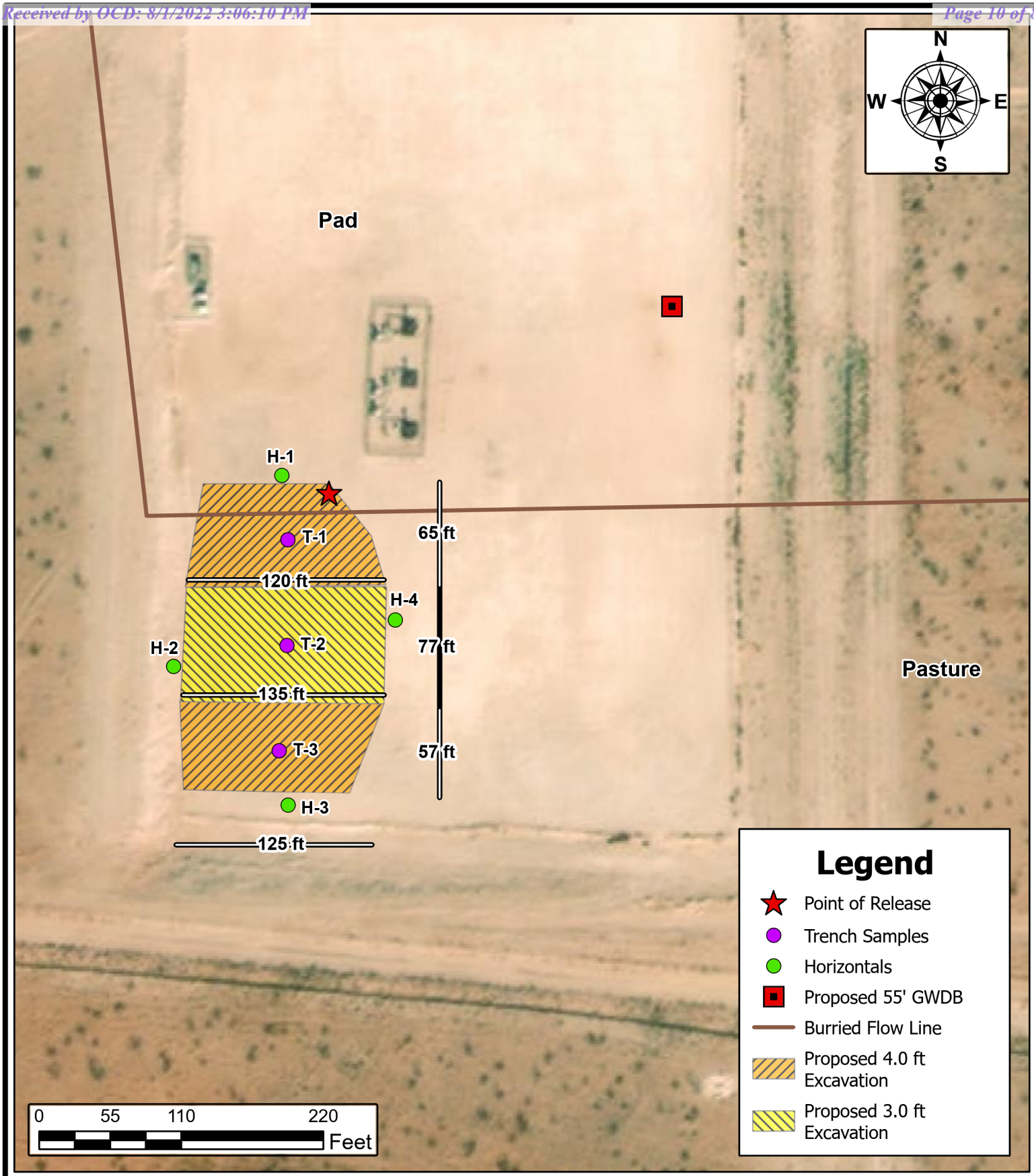
SAMPLE LOCATION MAP
EOG RESOURCES
MAMBA 30 STATE COM #744/745
LEA COUNTY, NEW MEXICO
32.182000, -103.607500

SCALE: As Shown | Date: 7/20/2022

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1



PROPOSED EXCAVATION DEPTH MAP
EOG RESOURCES
MAMBA 30 STATE COM #744/745
LEA COUNTY, NEW MEXICO
32.182000, -103.607500

SCALE: As Shown | Date: 8/1/2022

CARMONA RESOURCES

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

APPENDIX A

CARMONA RESOURCES

Table 1
EOG
Mamba 30 State Com #744-745
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						
T-1	7/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,040**
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	170
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	98.1
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,160**
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,480
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,130
T-2	7/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**9,120**
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,090**
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	592
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	458
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	19.8
T-3	7/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**6,960**
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,860**
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**4,840**
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**6,330**
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	502
	"	6.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	546
Background-1	7/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.6
H-1	7/19/2022	0-0.5	<49.8	**348**	<49.8	**348**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,110**
H-2	7/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.1
H-3	7/19/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.2
H-4	7/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.3
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
(H) Horizontal
(T) Trench
Proposed Excavation

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Mamba 30 State Com #744/745

County: Lea County, New Mexico

Description:
View Northeast, area of Trenches (1-3).

Photograph No. 2

Facility: Mamba 30 State Com #744/745

County: Lea County, New Mexico

Description:
View Northwest, area of Trench (1).

Photograph No. 3

Facility: Mamba 30 State Com #744/745

County: Lea County, New Mexico

Description:
View South, area of Trenches (2-3).

CARMONA RESOURCES

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	nAPP2213054038
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # *(assigned by OCD)* nAPP2213054038
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.182000° Longitude -103.607500°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mamba 30 State Com #744/745	Site Type Well Pad
Date Release Discovered 5/3/22	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
O	30	24S	33E	Lea

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)
☒ Reuse Water	Volume Released (bbls) 272	Volume Recovered (bbls) 260
	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: The operator was filling the frac tanks faster than the water was being used and overflowed the tanks. This released approximately 272 bbls of treated reuse water in containment and some on the pad with 260 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2213054038
District RP	
Facility ID	
Application ID	105768

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? More than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail notification to the OCD Enviro Inbox on 5/4/22.	

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 not 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: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 5/10/22

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Jocelyn Harimon Date: 05/10/2022

State of New Mexico
Oil Conservation Division

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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

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: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 08/01/2022

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 08/001/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Jennifer Nobui Date: 08/04/2022

APPENDIX D

CARMONA RESOURCES

NEAREST WATER WELL

EOG RESOURCES

Legend

- 0.50 Mile Radius
- 1.24 Miles
- 1.27 Miles
- Mamba 20 State Com #744-745
- NMSEO Water Well
- USGS Water Well

Mamba 20 State Com #744-745

90' - Drilled 1948

118.81' - Drilled 2013

N

4000 ft

Google Earth

LOW KARST

EOG RESOURCES

Legend

Low

Mamba 20 State Com #744-745

Mamba 20 State Com #744-745

2

2

2

Hearn

N

1 mi

Google Earth

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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02890	C	LE		2	4	29	24S	33E	633114	3562012*	1973	500		
C 02312	CUB	LE	1	2	1	05	25S	33E	632292	3559772	1999	150	90	60
C 04622 POD1	CUB	LE	3	3	4	24	24S	32E	629436	3563006	2360			
C 02311	CUB	LE	2	3	2	33	24S	33E	634391	3560877	3225	120	70	50
C 02310	CUB	LE	2	4	2	33	24S	33E	634420	3560893	3250	120	70	50
C 02563	CUB	LE	1	4	2	33	24S	33E	634639	3560923*	3461	120		
C 02564	CUB	LE	2	4	2	33	24S	33E	634839	3560923*	3659	120		
C 02431	CUB	LE	4	4	4	17	24S	33E	633175	3564728*	3808	525	415	110
C 02432	CUB	LE	4	4	4	17	24S	33E	633175	3564728*	3808	640	415	225
C 02430	CUB	LE	3	3	3	16	24S	33E	633377	3564732*	3919	643	415	228

Average Depth to Water: **245 feet**

Minimum Depth: **70 feet**

Maximum Depth: **415 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 631218.94 **Northing (Y):** 3561459.88 **Radius:** 4000

***UTM location was derived from PLSS - see Help**

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
NA	C 02312	1	2	1	05	25S	33E	632292	3559772

Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date:	01/01/1948	**Drill Finish Date:**	06/30/1948	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	20 GPM
Casing Size:	6.38	**Depth Well:**	150 feet	**Depth Water:**	90 feet

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 =
- 320956103353801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico
Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83
Land-surface elevation 3,473.00 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) 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 measu
1981-03-25		D	62610		3365.17	NGVD29	1	Z		
1981-03-25		D	62611		3366.84	NAVD88	1	Z		
1981-03-25		D	72019	107.83			1	Z		
1986-03-12		D	62610		3363.66	NGVD29	1	Z		
1986-03-12		D	62611		3365.33	NAVD88	1	Z		
1986-03-12		D	72019	109.34			1	Z		
1991-06-06		D	62610		3365.42	NGVD29	1	Z		
1991-06-06		D	62611		3367.09	NAVD88	1	Z		
1991-06-06		D	72019	107.58			1	Z		
1996-03-07		D	62610		3364.11	NGVD29	P	S		
1996-03-07		D	62611		3365.78	NAVD88	P	S		
1996-03-07		D	72019	108.89			P	S		
2013-01-17	16:00 UTC	m	62610		3354.19	NGVD29	P	S	USGS	
2013-01-17	16:00 UTC	m	62611		3355.86	NAVD88	P	S	USGS	
2013-01-17	16:00 UTC	m	72019	118.81			P	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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

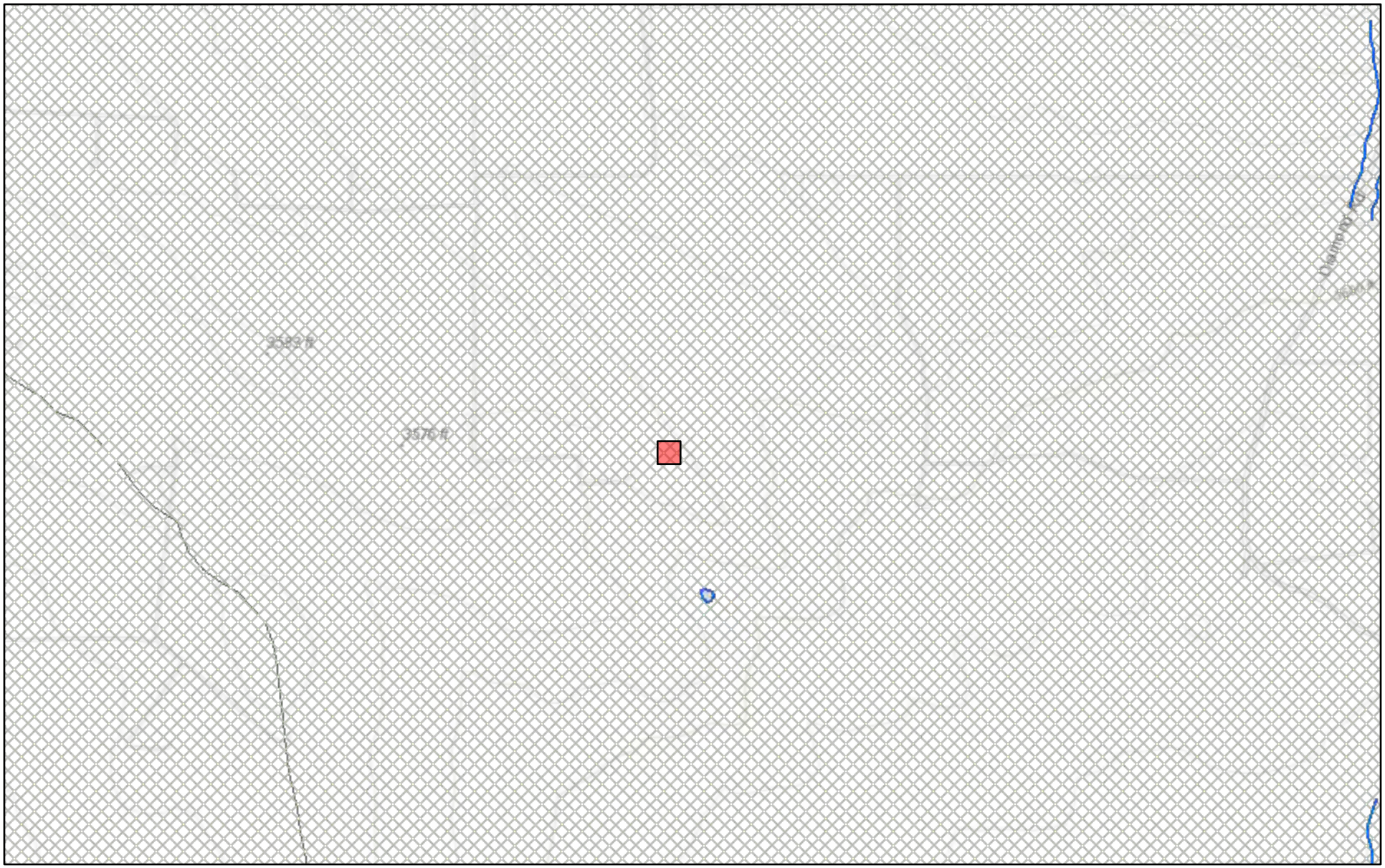
Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

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

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-07-14 16:01:24 EDT
0.28 0.24 nadww02

New Mexico NFHL Data



July 13, 2022

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17140-1
Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Mamba 30 State Com #744-745
Revision: 1

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

Attn: Ashton Thielke

JKramer

Authorized for release by:
7/26/2022 7:00:18 PM

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

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.

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Job ID: 880-17140-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-17140-1

REVISION

The report being provided is a revision of the original report sent on 7/25/2022. The report (revision 1) is being revised due to Per client email, requesting chloride re run on T-3 (6').

Report revision history

Receipt
The samples were received on 7/20/2022 8:27 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: T-3 (6')R (880-17140-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-30237 and analytical batch 880-30480 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (880-17140-A-1-E MS) and (880-17140-A-1-F MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

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

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-30311 and analytical batch 880-30249 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30363 and analytical batch 880-30368 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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 880-30130 and analytical batch 880-30297 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: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-1
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		07/21/22 12:03	07/24/22 15:39	1
o-Xylene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		07/21/22 12:03	07/24/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/21/22 12:03*	*07/24/22 15:39*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/21/22 12:03*	*07/24/22 15:39*	*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			07/22/22 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**348**		49.8		mg/Kg			07/22/22 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	<49.8	U	49.8		mg/Kg		07/21/22 17:17	07/22/22 09:31	1
Diesel Range Organics (Over C10-C28)	**348**		49.8		mg/Kg		07/21/22 17:17	07/22/22 09:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/21/22 17:17	07/22/22 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*07/21/22 17:17*	*07/22/22 09:31*	*1*
o-Terphenyl	*112*		*70 - 130*	*07/21/22 17:17*	*07/22/22 09:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**	**F1**	25.2		mg/Kg			07/22/22 06:23	5

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

Lab Sample ID: 880-17140-2
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/24/22 16:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 16:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/21/22 12:03*	*07/24/22 16:06*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/21/22 12:03*	*07/24/22 16:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-2
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 12:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 12:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*07/22/22 10:19*	*07/22/22 12:57*	*1*
o-Terphenyl	*115*		*70 - 130*	*07/22/22 10:19*	*07/22/22 12:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.1**		4.96		mg/Kg			07/22/22 06:47	1

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

Lab Sample ID: 880-17140-3
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/24/22 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*07/21/22 12:03*	*07/24/22 16:32*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/21/22 12:03*	*07/24/22 16:32*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 14:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 14:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-3
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*07/22/22 10:19*	*07/22/22 14:02*	*1*
o-Terphenyl	*126*		*70 - 130*	*07/22/22 10:19*	*07/22/22 14:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.2**		4.97		mg/Kg			07/22/22 06:54	1

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

Lab Sample ID: 880-17140-4
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/24/22 16:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 16:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*07/21/22 12:03*	*07/24/22 16:59*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/21/22 12:03*	*07/24/22 16:59*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:24	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*07/22/22 10:19*	*07/22/22 14:24*	*1*
o-Terphenyl	*119*		*70 - 130*	*07/22/22 10:19*	*07/22/22 14:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.3**		4.97		mg/Kg			07/22/22 07:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-5

Matrix: Solid

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		07/21/22 12:03	07/24/22 17:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/21/22 12:03*	*07/24/22 17:25*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/21/22 12:03*	*07/24/22 17:25*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 14:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*07/22/22 10:19*	*07/22/22 14:45*	*1*
o-Terphenyl	*116*		*70 - 130*	*07/22/22 10:19*	*07/22/22 14:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2040**		49.9		mg/Kg			07/22/22 07:10	10

Client Sample ID: T-1 (2')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-6

Matrix: Solid

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		07/21/22 12:03	07/24/22 17:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 17:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/21/22 12:03*	*07/24/22 17:52*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/21/22 12:03*	*07/24/22 17:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-1 (2')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-6

Matrix: Solid

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/22/22 10:19*	*07/22/22 15:07*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/22/22 10:19*	*07/22/22 15:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.01		mg/Kg			07/22/22 07:34	1

Client Sample ID: T-1 (3')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-7

Matrix: Solid

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		07/21/22 12:03	07/24/22 18:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 18:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 18:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 18:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 18:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/21/22 12:03*	*07/24/22 18:18*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/21/22 12:03*	*07/24/22 18:18*	*1*

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-1 (3')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-7

Matrix: Solid

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)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*07/22/22 10:19*	*07/22/22 15:28*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*07/22/22 10:19*	*07/22/22 15:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.1**		5.03		mg/Kg			07/22/22 07:41	1

Client Sample ID: T-1 (4')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-8

Matrix: Solid

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		07/21/22 12:03	07/24/22 18:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/24/22 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/21/22 12:03*	*07/24/22 18:45*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/21/22 12:03*	*07/24/22 18:45*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:19	07/22/22 15:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/22/22 10:19*	*07/22/22 15:50*	*1*
o-Terphenyl	*111*		*70 - 130*	*07/22/22 10:19*	*07/22/22 15:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1160**		25.3		mg/Kg			07/22/22 07:49	5

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-1 (5')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-9

Matrix: Solid

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		07/21/22 12:03	07/24/22 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 19:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/21/22 12:03*	*07/24/22 19:11*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/21/22 12:03*	*07/24/22 19:11*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 16:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 16:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*07/22/22 10:20*	*07/22/22 16:11*	*1*
o-Terphenyl	*119*		*70 - 130*	*07/22/22 10:20*	*07/22/22 16:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1480**		25.2		mg/Kg			07/22/22 07:57	5

Client Sample ID: T-1 (6')R

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-10

Matrix: Solid

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		07/21/22 12:03	07/24/22 19:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 19:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 19:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 19:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 19:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/21/22 12:03*	*07/24/22 19:38*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/21/22 12:03*	*07/24/22 19:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-1 (6')R

Lab Sample ID: 880-17140-10
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*07/22/22 10:20*	*07/22/22 16:33*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/22/22 10:20*	*07/22/22 16:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2130**		25.2		mg/Kg			07/22/22 08:05	5

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

Lab Sample ID: 880-17140-11
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/24/22 21:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/21/22 12:03*	*07/24/22 21:25*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/21/22 12:03*	*07/24/22 21:25*	*1*

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 16:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-11
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/22/22 10:20	07/22/22 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/22/22 10:20*	*07/22/22 16:54*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/22/22 10:20*	*07/22/22 16:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9120**	**F1**	50.0		mg/Kg			07/22/22 08:13	10

Client Sample ID: T-2 (2')

Lab Sample ID: 880-17140-12
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/24/22 21:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 21:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 21:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/24/22 21:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 21:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/24/22 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*07/21/22 12:03*	*07/24/22 21:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/21/22 12:03*	*07/24/22 21:51*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 17:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*07/22/22 10:20*	*07/22/22 17:37*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/22/22 10:20*	*07/22/22 17:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		24.9		mg/Kg			07/22/22 08:37	5

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-2 (3')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-13

Matrix: Solid

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		07/21/22 12:03	07/24/22 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/21/22 12:03*	*07/24/22 22:18*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/21/22 12:03*	*07/24/22 22:18*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 17:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*07/22/22 10:20*	*07/22/22 17:58*	*1*
o-Terphenyl	*105*		*70 - 130*	*07/22/22 10:20*	*07/22/22 17:58*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**592**		24.8		mg/Kg			07/22/22 08:44	5

Client Sample ID: T-2 (4')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-14

Matrix: Solid

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		07/21/22 12:03	07/24/22 22:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 22:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 22:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 22:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 22:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/21/22 12:03*	*07/24/22 22:44*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*07/21/22 12:03*	*07/24/22 22:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-2 (4')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-14
Matrix: Solid

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*07/22/22 10:20*	*07/22/22 18:20*	*1*
o-Terphenyl	*110*		*70 - 130*	*07/22/22 10:20*	*07/22/22 18:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**458**		25.0		mg/Kg			07/22/22 09:08	5

Client Sample ID: T-2 (5')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-15
Matrix: Solid

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		07/21/22 12:03	07/24/22 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 23:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/21/22 12:03*	*07/24/22 23:10*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/21/22 12:03*	*07/24/22 23:10*	*1*

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 18:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-2 (5')

Lab Sample ID: 880-17140-15
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*07/22/22 10:20*	*07/22/22 18:41*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*07/22/22 10:20*	*07/22/22 18:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		4.98		mg/Kg			07/22/22 15:10	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-17140-17
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/24/22 23:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 23:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/21/22 12:03*	*07/24/22 23:35*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/21/22 12:03*	*07/24/22 23:35*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*07/22/22 10:20*	*07/22/22 19:03*	*1*
o-Terphenyl	*130*		*70 - 130*	*07/22/22 10:20*	*07/22/22 19:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6960**		50.2		mg/Kg			07/22/22 09:24	10

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-3 (2')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-18

Matrix: Solid

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		07/21/22 12:03	07/25/22 00:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/25/22 00:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/25/22 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/21/22 12:03*	*07/25/22 00:01*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/21/22 12:03*	*07/25/22 00:01*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 19:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*07/22/22 10:20*	*07/22/22 19:25*	*1*
o-Terphenyl	*124*		*70 - 130*	*07/22/22 10:20*	*07/22/22 19:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2860**		25.1		mg/Kg			07/22/22 09:32	5

Client Sample ID: T-3 (3')

Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-19

Matrix: Solid

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		07/21/22 12:03	07/25/22 00:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 00:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 00:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/25/22 00:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 00:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/25/22 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/21/22 12:03*	*07/25/22 00:27*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/21/22 12:03*	*07/25/22 00:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-3 (3')

Lab Sample ID: 880-17140-19
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 19:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*07/22/22 10:20*	*07/22/22 19:47*	*1*
o-Terphenyl	*111*		*70 - 130*	*07/22/22 10:20*	*07/22/22 19:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4840**		49.6		mg/Kg			07/22/22 09:39	10

Client Sample ID: T-3 (4')

Lab Sample ID: 880-17140-20
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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		07/21/22 12:03	07/25/22 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/25/22 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/21/22 12:03*	*07/25/22 00:53*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/21/22 12:03*	*07/25/22 00:53*	*1*

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			07/22/22 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/22 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	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-3 (4')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-20
Matrix: Solid

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)	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*07/22/22 10:20*	*07/22/22 20:08*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/22/22 10:20*	*07/22/22 20:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6330**		49.7		mg/Kg			07/22/22 09:47	10

Client Sample ID: T-3 (5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-21
Matrix: Solid

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		07/21/22 12:03	07/25/22 01:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/25/22 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/21/22 12:03*	*07/25/22 01:19*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*07/21/22 12:03*	*07/25/22 01:19*	*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			07/22/22 09:52	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			07/22/22 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		07/22/22 10:20	07/22/22 20:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 20:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*07/22/22 10:20*	*07/22/22 20:30*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*07/22/22 10:20*	*07/22/22 20:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**502**		49.7		mg/Kg			07/22/22 09:55	10

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-3 (6')R

Lab Sample ID: 880-17140-22
Date Collected: 07/19/22 00:00
Matrix: Solid
Date Received: 07/20/22 08:27

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		07/21/22 09:27	07/21/22 17:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 09:27	07/21/22 17:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 09:27	07/21/22 17:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 09:27	07/21/22 17:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 09:27	07/21/22 17:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 09:27	07/21/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*07/21/22 09:27*	*07/21/22 17:10*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/21/22 09:27*	*07/21/22 17:10*	*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			07/22/22 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/22/22 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	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/22/22 10:20*	*07/22/22 20:52*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/22/22 10:20*	*07/22/22 20:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**546**		24.8		mg/Kg			07/26/22 14:34	5

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

Lab Sample ID: 880-17140-23
Date Collected: 07/19/22 00:00
Matrix: Solid
Date Received: 07/20/22 08:27

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		07/21/22 09:27	07/21/22 17:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 09:27	07/21/22 17:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 09:27	07/21/22 17:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 09:27	07/21/22 17:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 09:27	07/21/22 17:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 09:27	07/21/22 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/21/22 09:27*	*07/21/22 17:31*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/21/22 09:27*	*07/21/22 17:31*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-23
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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			07/22/22 09:52	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			07/22/22 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 F1 F2	50.0		mg/Kg		07/22/22 10:22	07/22/22 12:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	50.0		mg/Kg		07/22/22 10:22	07/22/22 12:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*63*	*S1-*	*70 - 130*	*07/22/22 10:22*	*07/22/22 12:57*	*1*
o-Terphenyl	*69*	*S1-*	*70 - 130*	*07/22/22 10:22*	*07/22/22 12:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.6**		4.98		mg/Kg			07/21/22 05:27	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
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)
880-16985-A-1-H MS	Matrix Spike	107	87
880-16985-A-1-I MSD	Matrix Spike Duplicate	118	94
880-17140-1	H-1 (0-0.5')	108	104
880-17140-1 MS	H-1 (0-0.5')	82	150 S1+
880-17140-1 MSD	H-1 (0-0.5')	42 S1-	132 S1+
880-17140-2	H-2 (0-0.5')	107	86
880-17140-3	H-3 (0-0.5')	84	94
880-17140-4	H-4 (0-0.5')	73	107
880-17140-5	T-1 (0-1')	99	100
880-17140-6	T-1 (2')	110	88
880-17140-7	T-1 (3')	102	111
880-17140-8	T-1 (4')	114	89
880-17140-9	T-1 (5')	112	90
880-17140-10	T-1 (6')R	112	87
880-17140-11	T-2 (0-1')	115	90
880-17140-12	T-2 (2')	71	98
880-17140-13	T-2 (3')	109	86
880-17140-14	T-2 (4')	97	83
880-17140-15	T-2 (5')	120	85
880-17140-17	T-3 (0-1')	116	92
880-17140-18	T-3 (2')	113	90
880-17140-19	T-3 (3')	112	85
880-17140-20	T-3 (4')	120	88
880-17140-21	T-3 (5')	88	84
880-17140-22	T-3 (6')R	140 S1+	93
880-17140-23	Background-1 (0-0.5')	119	96
LCS 880-30209/1-A	Lab Control Sample	116	93
LCS 880-30237/1-A	Lab Control Sample	105	97
LCSD 880-30209/2-A	Lab Control Sample Dup	96	104
LCSD 880-30237/2-A	Lab Control Sample Dup	105	98
MB 880-30209/5-A	Method Blank	101	104
MB 880-30237/5-A	Method Blank	78	87

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)
880-17140-1	H-1 (0-0.5')	102	112
880-17140-2	H-2 (0-0.5')	105	115
880-17140-2 MS	H-2 (0-0.5')	85	91
880-17140-2 MSD	H-2 (0-0.5')	96	91
880-17140-3	H-3 (0-0.5')	122	126
880-17140-4	H-4 (0-0.5')	116	119
880-17140-5	T-1 (0-1')	105	116

Surrogate Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
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)
880-17140-6	T-1 (2')	94	105
880-17140-7	T-1 (3')	142 S1+	153 S1+
880-17140-8	T-1 (4')	103	111
880-17140-9	T-1 (5')	110	119
880-17140-10	T-1 (6')R	114	120
880-17140-11	T-2 (0-1')	94	100
880-17140-12	T-2 (2')	116	120
880-17140-13	T-2 (3')	97	105
880-17140-14	T-2 (4')	104	110
880-17140-15	T-2 (5')	123	131 S1+
880-17140-17	T-3 (0-1')	121	130
880-17140-18	T-3 (2')	117	124
880-17140-19	T-3 (3')	104	111
880-17140-20	T-3 (4')	115	120
880-17140-21	T-3 (5')	130	137 S1+
880-17140-22	T-3 (6')R	93	100
880-17140-23	Background-1 (0-0.5')	63 S1-	69 S1-
880-17140-23 MS	Background-1 (0-0.5')	52 S1-	53 S1-
880-17140-23 MSD	Background-1 (0-0.5')	34 S1-	29 S1-
890-2587-A-1-D MS	Matrix Spike	85	92
890-2587-A-1-E MSD	Matrix Spike Duplicate	84	90
LCS 880-30311/2-A	Lab Control Sample	106	124
LCS 880-30362/2-A	Lab Control Sample	109	122
LCS 880-30363/2-A	Lab Control Sample	133 S1+	168 S1+
LCSD 880-30311/3-A	Lab Control Sample Dup	101	117
LCSD 880-30362/3-A	Lab Control Sample Dup	103	117
LCSD 880-30363/3-A	Lab Control Sample Dup	117	146 S1+
MB 880-30311/1-A	Method Blank	147 S1+	175 S1+
MB 880-30362/1-A	Method Blank	153 S1+	177 S1+
MB 880-30363/1-A	Method Blank	129	168 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30209/5-A
Matrix: Solid
Analysis Batch: 30192

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/21/22 09:27	07/21/22 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/21/22 09:27*	*07/21/22 11:20*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/21/22 09:27*	*07/21/22 11:20*	*1*

Lab Sample ID: LCS 880-30209/1-A
Matrix: Solid
Analysis Batch: 30192

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30209

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08401		mg/Kg		84	70 - 130		
Toluene			0.100	0.09906		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1113		mg/Kg		111	70 - 130		
m-Xylene & p-Xylene			0.200	0.2318		mg/Kg		116	70 - 130		
o-Xylene			0.100	0.1269		mg/Kg		127	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-30209/2-A
Matrix: Solid
Analysis Batch: 30192

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30209

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1030		mg/Kg		103	70 - 130	20	35
Toluene			0.100	0.09343		mg/Kg		93	70 - 130	6	35
Ethylbenzene			0.100	0.09535		mg/Kg		95	70 - 130	15	35
m-Xylene & p-Xylene			0.200	0.1889		mg/Kg		94	70 - 130	20	35
o-Xylene			0.100	0.1032		mg/Kg		103	70 - 130	21	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-16985-A-1-H MS
Matrix: Solid
Analysis Batch: 30192

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.07821		mg/Kg		78	70 - 130		
Toluene	<0.00201	U	0.0998	0.09070		mg/Kg		91	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-16985-A-1-H MS
Matrix: Solid
Analysis Batch: 30192

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0998	0.09555		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1898		mg/Kg		95	70 - 130
o-Xylene	<0.00201	U	0.0998	0.1013		mg/Kg		102	70 - 130

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

Lab Sample ID: 880-16985-A-1-I MSD
Matrix: Solid
Analysis Batch: 30192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08560		mg/Kg		85	70 - 130	9	35
Toluene	<0.00201	U	0.100	0.09653		mg/Kg		96	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.100	0.1057		mg/Kg		105	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2190		mg/Kg		109	70 - 130	14	35
o-Xylene	<0.00201	U	0.100	0.1191		mg/Kg		119	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 880-30237/5-A
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/21/22 12:03	07/24/22 15:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*07/21/22 12:03*	*07/24/22 15:12*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/21/22 12:03*	*07/24/22 15:12*	*1*

Lab Sample ID: LCS 880-30237/1-A
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30237

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09322		mg/Kg		93	70 - 130
Toluene	0.100	0.09336		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09400		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1925		mg/Kg		96	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-30237/1-A
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30237

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1082		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-30237/2-A
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30237

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08469		mg/Kg		85	70 - 130	10	35
Toluene			0.100	0.08536		mg/Kg		85	70 - 130	9	35
Ethylbenzene			0.100	0.08802		mg/Kg		88	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.1798		mg/Kg		90	70 - 130	7	35
o-Xylene			0.100	0.1014		mg/Kg		101	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-17140-1 MS
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30237

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1 F2	0.101	0.07832		mg/Kg		78	70 - 130		
Toluene	<0.00201	U F1 F2	0.101	0.05695	F1	mg/Kg		56	70 - 130		
Ethylbenzene	<0.00201	U F1 F2	0.101	0.06817	F1	mg/Kg		68	70 - 130		
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1023	F1	mg/Kg		51	70 - 130		
o-Xylene	<0.00201	U F1 F2	0.101	0.1048		mg/Kg		104	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*
1,4-Difluorobenzene (Surr)	*150*	*S1+*	*70 - 130*

Lab Sample ID: 880-17140-1 MSD
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30237

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.0998	0.04543	F1 F2	mg/Kg		46	70 - 130	53	35
Toluene	<0.00201	U F1 F2	0.0998	0.03677	F1 F2	mg/Kg		37	70 - 130	43	35
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.03004	F1 F2	mg/Kg		30	70 - 130	78	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.07450	F1	mg/Kg		37	70 - 130	31	35
o-Xylene	<0.00201	U F1 F2	0.0998	0.06880	F1 F2	mg/Kg		69	70 - 130	42	35

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-1 MSD
Matrix: Solid
Analysis Batch: 30480

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30237

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	42	S1-	70 - 130
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130

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

Lab Sample ID: MB 880-30311/1-A
Matrix: Solid
Analysis Batch: 30249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30311

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		07/21/22 17:17	07/22/22 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/21/22 17:17	07/22/22 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/21/22 17:17	07/22/22 00:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130	07/21/22 17:17	07/22/22 00:07	1
o-Terphenyl	175	S1+	70 - 130	07/21/22 17:17	07/22/22 00:07	1

Lab Sample ID: LCS 880-30311/2-A
Matrix: Solid
Analysis Batch: 30249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1172		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	1000	984.1		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: LCSD 880-30311/3-A
Matrix: Solid
Analysis Batch: 30249

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1181		mg/Kg		118	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	974.2		mg/Kg		97	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	117		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2587-A-1-D MS
Matrix: Solid
Analysis Batch: 30249

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1292		mg/Kg		129	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	828.7		mg/Kg		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: 890-2587-A-1-E MSD
Matrix: Solid
Analysis Batch: 30249

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1249		mg/Kg		125	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	808.9		mg/Kg		79	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*84*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Lab Sample ID: MB 880-30362/1-A
Matrix: Solid
Analysis Batch: 30366

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30362

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		07/22/22 10:19	07/22/22 11:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 11:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*153*	*S1+*	*70 - 130*	*07/22/22 10:19*	*07/22/22 11:52*	*1*
o-Terphenyl	*177*	*S1+*	*70 - 130*	*07/22/22 10:19*	*07/22/22 11:52*	*1*

Lab Sample ID: LCS 880-30362/2-A
Matrix: Solid
Analysis Batch: 30366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30362

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1111		mg/Kg		111	70 - 130
Diesel Range Organics (Over C10-C28)	1000	926.7		mg/Kg		93	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-30362/2-A
Matrix: Solid
Analysis Batch: 30366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30362

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: LCSD 880-30362/3-A
Matrix: Solid
Analysis Batch: 30366

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30362

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1055		mg/Kg		105	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	935.2		mg/Kg		94	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 880-17140-2 MS
Matrix: Solid
Analysis Batch: 30366

Client Sample ID: H-2 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1205		mg/Kg		120	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	746.2		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-17140-2 MSD
Matrix: Solid
Analysis Batch: 30366

Client Sample ID: H-2 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1159		mg/Kg		116	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	764.0		mg/Kg		76	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	91		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-30363/1-A
Matrix: Solid
Analysis Batch: 30368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30363

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		07/22/22 10:22	07/22/22 11:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 11:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*07/22/22 10:22*	*07/22/22 11:52*	*1*
o-Terphenyl	*168*	*S1+*	*70 - 130*	*07/22/22 10:22*	*07/22/22 11:52*	*1*

Lab Sample ID: LCS 880-30363/2-A
Matrix: Solid
Analysis Batch: 30368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30363

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	833.0		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1223		mg/Kg		122	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*168*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-30363/3-A
Matrix: Solid
Analysis Batch: 30368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30363

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	784.4		mg/Kg		78	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		107	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*146*	*S1+*	*70 - 130*

Lab Sample ID: 880-17140-23 MS
Matrix: Solid
Analysis Batch: 30368

Client Sample ID: Background-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	1000	463.7	F1	mg/Kg		46	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	1000	553.3	F1	mg/Kg		55	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17140-23 MS
Matrix: Solid
Analysis Batch: 30368

Client Sample ID: Background-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30363

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	52	S1-	70 - 130
o-Terphenyl	53	S1-	70 - 130

Lab Sample ID: 880-17140-23 MSD
Matrix: Solid
Analysis Batch: 30368

Client Sample ID: Background-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 30363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	999	368.6	F1 F2	mg/Kg		37	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	999	322.0	F1 F2	mg/Kg		32	70 - 130	53	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	34	S1-	70 - 130
o-Terphenyl	29	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30025/1-A
Matrix: Solid
Analysis Batch: 30182

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			07/21/22 01:09	1

Lab Sample ID: LCS 880-30025/2-A
Matrix: Solid
Analysis Batch: 30182

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-30025/3-A
Matrix: Solid
Analysis Batch: 30182

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	262.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-2566-A-22-F MS
Matrix: Solid
Analysis Batch: 30182

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	347		249	582.3		mg/Kg		95	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2566-A-22-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	347		249	586.7		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-30130/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/22/22 06:00	1

Lab Sample ID: LCS 880-30130/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	274.5		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-30130/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	274.8		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-17140-1 MS — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1110	F1	1260	2565	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-17140-1 MSD — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1110	F1	1260	2566	F1	mg/Kg		116	90 - 110	0	20

Lab Sample ID: 880-17140-11 MS — **Client Sample ID: T-2 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9120	F1	2500	12190	F1	mg/Kg		123	90 - 110

Lab Sample ID: 880-17140-11 MSD — **Client Sample ID: T-2 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9120	F1	2500	12200	F1	mg/Kg		123	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30597/1-A
Matrix: Solid
Analysis Batch: 30701

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			07/26/22 13:20	1

Lab Sample ID: LCS 880-30597/2-A
Matrix: Solid
Analysis Batch: 30701

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	256.4		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-30597/3-A
Matrix: Solid
Analysis Batch: 30701

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	257.9		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-17350-A-5-B MS
Matrix: Solid
Analysis Batch: 30701

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	227		1240	1558		mg/Kg		107	90 - 110		

Lab Sample ID: 880-17350-A-5-C MSD
Matrix: Solid
Analysis Batch: 30701

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	227		1240	1555		mg/Kg		107	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 30192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-22	T-3 (6')R	Total/NA	Solid	8021B	30209
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8021B	30209
MB 880-30209/5-A	Method Blank	Total/NA	Solid	8021B	30209
LCS 880-30209/1-A	Lab Control Sample	Total/NA	Solid	8021B	30209
LCSD 880-30209/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30209
880-16985-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	30209
880-16985-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30209

Prep Batch: 30209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-22	T-3 (6')R	Total/NA	Solid	5035	
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	5035	
MB 880-30209/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30209/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30209/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16985-A-1-H MS	Matrix Spike	Total/NA	Solid	5035	
880-16985-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 30237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-17140-5	T-1 (0-1')	Total/NA	Solid	5035	
880-17140-6	T-1 (2')	Total/NA	Solid	5035	
880-17140-7	T-1 (3')	Total/NA	Solid	5035	
880-17140-8	T-1 (4')	Total/NA	Solid	5035	
880-17140-9	T-1 (5')	Total/NA	Solid	5035	
880-17140-10	T-1 (6')R	Total/NA	Solid	5035	
880-17140-11	T-2 (0-1')	Total/NA	Solid	5035	
880-17140-12	T-2 (2')	Total/NA	Solid	5035	
880-17140-13	T-2 (3')	Total/NA	Solid	5035	
880-17140-14	T-2 (4')	Total/NA	Solid	5035	
880-17140-15	T-2 (5')	Total/NA	Solid	5035	
880-17140-17	T-3 (0-1')	Total/NA	Solid	5035	
880-17140-18	T-3 (2')	Total/NA	Solid	5035	
880-17140-19	T-3 (3')	Total/NA	Solid	5035	
880-17140-20	T-3 (4')	Total/NA	Solid	5035	
880-17140-21	T-3 (5')	Total/NA	Solid	5035	
MB 880-30237/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30237/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30237/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17140-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17140-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 30345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 30345 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17140-5	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-17140-6	T-1 (2')	Total/NA	Solid	Total BTEX	
880-17140-7	T-1 (3')	Total/NA	Solid	Total BTEX	
880-17140-8	T-1 (4')	Total/NA	Solid	Total BTEX	
880-17140-9	T-1 (5')	Total/NA	Solid	Total BTEX	
880-17140-10	T-1 (6')R	Total/NA	Solid	Total BTEX	
880-17140-11	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-17140-12	T-2 (2')	Total/NA	Solid	Total BTEX	
880-17140-13	T-2 (3')	Total/NA	Solid	Total BTEX	
880-17140-14	T-2 (4')	Total/NA	Solid	Total BTEX	
880-17140-15	T-2 (5')	Total/NA	Solid	Total BTEX	
880-17140-17	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-17140-18	T-3 (2')	Total/NA	Solid	Total BTEX	
880-17140-19	T-3 (3')	Total/NA	Solid	Total BTEX	
880-17140-20	T-3 (4')	Total/NA	Solid	Total BTEX	
880-17140-21	T-3 (5')	Total/NA	Solid	Total BTEX	
880-17140-22	T-3 (6')R	Total/NA	Solid	Total BTEX	
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 30480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-5	T-1 (0-1')	Total/NA	Solid	8021B	30237
880-17140-6	T-1 (2')	Total/NA	Solid	8021B	30237
880-17140-7	T-1 (3')	Total/NA	Solid	8021B	30237
880-17140-8	T-1 (4')	Total/NA	Solid	8021B	30237
880-17140-9	T-1 (5')	Total/NA	Solid	8021B	30237
880-17140-10	T-1 (6')R	Total/NA	Solid	8021B	30237
880-17140-11	T-2 (0-1')	Total/NA	Solid	8021B	30237
880-17140-12	T-2 (2')	Total/NA	Solid	8021B	30237
880-17140-13	T-2 (3')	Total/NA	Solid	8021B	30237
880-17140-14	T-2 (4')	Total/NA	Solid	8021B	30237
880-17140-15	T-2 (5')	Total/NA	Solid	8021B	30237
880-17140-17	T-3 (0-1')	Total/NA	Solid	8021B	30237
880-17140-18	T-3 (2')	Total/NA	Solid	8021B	30237
880-17140-19	T-3 (3')	Total/NA	Solid	8021B	30237
880-17140-20	T-3 (4')	Total/NA	Solid	8021B	30237
880-17140-21	T-3 (5')	Total/NA	Solid	8021B	30237
MB 880-30237/5-A	Method Blank	Total/NA	Solid	8021B	30237
LCS 880-30237/1-A	Lab Control Sample	Total/NA	Solid	8021B	30237
LCSD 880-30237/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30237
880-17140-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	30237

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 30249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	30311
MB 880-30311/1-A	Method Blank	Total/NA	Solid	8015B NM	30311
LCS 880-30311/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30311
LCSD 880-30311/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30311
890-2587-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	30311
890-2587-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	30311

Prep Batch: 30311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-30311/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30311/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30311/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2587-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2587-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 30362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-5	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-17140-6	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-17140-7	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-17140-8	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-17140-9	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-17140-10	T-1 (6')R	Total/NA	Solid	8015NM Prep	
880-17140-11	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-17140-12	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-17140-13	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-17140-14	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-17140-15	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-17140-17	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-17140-18	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-17140-19	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-17140-20	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-17140-21	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-17140-22	T-3 (6')R	Total/NA	Solid	8015NM Prep	
MB 880-30362/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30362/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17140-2 MS	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-2 MSD	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 30363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-30363/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30363/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17140-23 MS	Background-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 30363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23 MSD	Background-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-5	T-1 (0-1')	Total/NA	Solid	8015B NM	30362
880-17140-6	T-1 (2')	Total/NA	Solid	8015B NM	30362
880-17140-7	T-1 (3')	Total/NA	Solid	8015B NM	30362
880-17140-8	T-1 (4')	Total/NA	Solid	8015B NM	30362
880-17140-9	T-1 (5')	Total/NA	Solid	8015B NM	30362
880-17140-10	T-1 (6')R	Total/NA	Solid	8015B NM	30362
880-17140-11	T-2 (0-1')	Total/NA	Solid	8015B NM	30362
880-17140-12	T-2 (2')	Total/NA	Solid	8015B NM	30362
880-17140-13	T-2 (3')	Total/NA	Solid	8015B NM	30362
880-17140-14	T-2 (4')	Total/NA	Solid	8015B NM	30362
880-17140-15	T-2 (5')	Total/NA	Solid	8015B NM	30362
880-17140-17	T-3 (0-1')	Total/NA	Solid	8015B NM	30362
880-17140-18	T-3 (2')	Total/NA	Solid	8015B NM	30362
880-17140-19	T-3 (3')	Total/NA	Solid	8015B NM	30362
880-17140-20	T-3 (4')	Total/NA	Solid	8015B NM	30362
880-17140-21	T-3 (5')	Total/NA	Solid	8015B NM	30362
880-17140-22	T-3 (6')R	Total/NA	Solid	8015B NM	30362
MB 880-30362/1-A	Method Blank	Total/NA	Solid	8015B NM	30362
LCS 880-30362/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30362
LCSD 880-30362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30362
880-17140-2 MS	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-2 MSD	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30362

Analysis Batch: 30368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8015B NM	30363
MB 880-30363/1-A	Method Blank	Total/NA	Solid	8015B NM	30363
LCS 880-30363/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30363
LCSD 880-30363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30363
880-17140-23 MS	Background-1 (0-0.5')	Total/NA	Solid	8015B NM	30363
880-17140-23 MSD	Background-1 (0-0.5')	Total/NA	Solid	8015B NM	30363

Analysis Batch: 30395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-5	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-17140-6	T-1 (2')	Total/NA	Solid	8015 NM	
880-17140-7	T-1 (3')	Total/NA	Solid	8015 NM	
880-17140-8	T-1 (4')	Total/NA	Solid	8015 NM	
880-17140-9	T-1 (5')	Total/NA	Solid	8015 NM	
880-17140-10	T-1 (6')R	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 30395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-11	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-17140-12	T-2 (2')	Total/NA	Solid	8015 NM	
880-17140-13	T-2 (3')	Total/NA	Solid	8015 NM	
880-17140-14	T-2 (4')	Total/NA	Solid	8015 NM	
880-17140-15	T-2 (5')	Total/NA	Solid	8015 NM	
880-17140-17	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-17140-18	T-3 (2')	Total/NA	Solid	8015 NM	
880-17140-19	T-3 (3')	Total/NA	Solid	8015 NM	
880-17140-20	T-3 (4')	Total/NA	Solid	8015 NM	
880-17140-21	T-3 (5')	Total/NA	Solid	8015 NM	
880-17140-22	T-3 (6')R	Total/NA	Solid	8015 NM	
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-30025/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30025/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30025/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2566-A-22-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2566-A-22-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 30130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-5	T-1 (0-1')	Soluble	Solid	DI Leach	
880-17140-6	T-1 (2')	Soluble	Solid	DI Leach	
880-17140-7	T-1 (3')	Soluble	Solid	DI Leach	
880-17140-8	T-1 (4')	Soluble	Solid	DI Leach	
880-17140-9	T-1 (5')	Soluble	Solid	DI Leach	
880-17140-10	T-1 (6')R	Soluble	Solid	DI Leach	
880-17140-11	T-2 (0-1')	Soluble	Solid	DI Leach	
880-17140-12	T-2 (2')	Soluble	Solid	DI Leach	
880-17140-13	T-2 (3')	Soluble	Solid	DI Leach	
880-17140-14	T-2 (4')	Soluble	Solid	DI Leach	
880-17140-15	T-2 (5')	Soluble	Solid	DI Leach	
880-17140-17	T-3 (0-1')	Soluble	Solid	DI Leach	
880-17140-18	T-3 (2')	Soluble	Solid	DI Leach	
880-17140-19	T-3 (3')	Soluble	Solid	DI Leach	
880-17140-20	T-3 (4')	Soluble	Solid	DI Leach	
880-17140-21	T-3 (5')	Soluble	Solid	DI Leach	
MB 880-30130/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30130/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30130/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17140-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 30130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-11 MS	T-2 (0-1')	Soluble	Solid	DI Leach	
880-17140-11 MSD	T-2 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 30182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Soluble	Solid	300.0	30025
MB 880-30025/1-A	Method Blank	Soluble	Solid	300.0	30025
LCS 880-30025/2-A	Lab Control Sample	Soluble	Solid	300.0	30025
LCSD 880-30025/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30025
890-2566-A-22-F MS	Matrix Spike	Soluble	Solid	300.0	30025
890-2566-A-22-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30025

Analysis Batch: 30297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-2	H-2 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-3	H-3 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-4	H-4 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-5	T-1 (0-1')	Soluble	Solid	300.0	30130
880-17140-6	T-1 (2')	Soluble	Solid	300.0	30130
880-17140-7	T-1 (3')	Soluble	Solid	300.0	30130
880-17140-8	T-1 (4')	Soluble	Solid	300.0	30130
880-17140-9	T-1 (5')	Soluble	Solid	300.0	30130
880-17140-10	T-1 (6')R	Soluble	Solid	300.0	30130
880-17140-11	T-2 (0-1')	Soluble	Solid	300.0	30130
880-17140-12	T-2 (2')	Soluble	Solid	300.0	30130
880-17140-13	T-2 (3')	Soluble	Solid	300.0	30130
880-17140-14	T-2 (4')	Soluble	Solid	300.0	30130
880-17140-15	T-2 (5')	Soluble	Solid	300.0	30130
880-17140-17	T-3 (0-1')	Soluble	Solid	300.0	30130
880-17140-18	T-3 (2')	Soluble	Solid	300.0	30130
880-17140-19	T-3 (3')	Soluble	Solid	300.0	30130
880-17140-20	T-3 (4')	Soluble	Solid	300.0	30130
880-17140-21	T-3 (5')	Soluble	Solid	300.0	30130
MB 880-30130/1-A	Method Blank	Soluble	Solid	300.0	30130
LCS 880-30130/2-A	Lab Control Sample	Soluble	Solid	300.0	30130
LCSD 880-30130/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30130
880-17140-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-11 MS	T-2 (0-1')	Soluble	Solid	300.0	30130
880-17140-11 MSD	T-2 (0-1')	Soluble	Solid	300.0	30130

Leach Batch: 30597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-22	T-3 (6')R	Soluble	Solid	DI Leach	
MB 880-30597/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30597/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30597/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17350-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17350-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 30701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-22	T-3 (6')R	Soluble	Solid	300.0	30597
MB 880-30597/1-A	Method Blank	Soluble	Solid	300.0	30597
LCS 880-30597/2-A	Lab Control Sample	Soluble	Solid	300.0	30597
LCSD 880-30597/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30597
880-17350-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	30597
880-17350-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30597

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-0.5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 15:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30311	07/21/22 17:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30249	07/22/22 09:31	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 06:23	CH	XEN MID

Client Sample ID: H-2 (0-0.5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 16:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 06:47	CH	XEN MID

Client Sample ID: H-3 (0-0.5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 16:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 14:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 06:54	CH	XEN MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 16:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-0.5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 07:02	CH	XEN MID

Client Sample ID: T-1 (0-1')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 17:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 07:10	CH	XEN MID

Client Sample ID: T-1 (2')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 17:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 07:34	CH	XEN MID

Client Sample ID: T-1 (3')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 18:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 15:28	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-1 (3')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 07:41	CH	XEN MID

Client Sample ID: T-1 (4')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 18:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 07:49	CH	XEN MID

Client Sample ID: T-1 (5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 19:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 16:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 07:57	CH	XEN MID

Client Sample ID: T-1 (6')R
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 19:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 16:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 08:05	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-2 (0-1')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 21:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 16:54	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 08:13	CH	XEN MID

Client Sample ID: T-2 (2')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 21:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 17:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 08:37	CH	XEN MID

Client Sample ID: T-2 (3')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 22:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 17:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 08:44	CH	XEN MID

Client Sample ID: T-2 (4')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 22:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-2 (4')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-14
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			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 18:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 09:08	CH	XEN MID

Client Sample ID: T-2 (5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 23:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 18:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 15:10	CH	XEN MID

Client Sample ID: T-3 (0-1')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 23:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 09:24	CH	XEN MID

Client Sample ID: T-3 (2')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 00:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 19:25	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-3 (2')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 09:32	CH	XEN MID

Client Sample ID: T-3 (3')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 00:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 19:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 09:39	CH	XEN MID

Client Sample ID: T-3 (4')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 00:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 20:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 09:47	CH	XEN MID

Client Sample ID: T-3 (5')
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 01:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 20:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 09:55	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Client Sample ID: T-3 (6')R

Lab Sample ID: 880-17140-22
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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	30209	07/21/22 09:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30192	07/21/22 17:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 20:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30597	07/25/22 14:17	SMC	XEN MID
Soluble	Analysis	300.0		5			30701	07/26/22 14:34	CH	XEN MID

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

Lab Sample ID: 880-17140-23
Matrix: Solid
Date Collected: 07/19/22 00:00
Date Received: 07/20/22 08:27

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	30209	07/21/22 09:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30192	07/21/22 17:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30363	07/22/22 10:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30368	07/22/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30025	07/20/22 12:00	KS	XEN MID
Soluble	Analysis	300.0		1			30182	07/21/22 05:27	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: Mamba 30 State Com #744-745

Job ID: 880-17140-1
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	T104704400-22-24	06-30-23

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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
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

Sample Summary

Client: Carmona Resources
Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17140-1	H-1 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-2	H-2 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-3	H-3 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-4	H-4 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-5	T-1 (0-1')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-6	T-1 (2')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-7	T-1 (3')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-8	T-1 (4')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-9	T-1 (5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-10	T-1 (6')R	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-11	T-2 (0-1')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-12	T-2 (2')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-13	T-2 (3')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-14	T-2 (4')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-15	T-2 (5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-17	T-3 (0-1')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-18	T-3 (2')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-19	T-3 (3')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-20	T-3 (4')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-21	T-3 (5')	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-22	T-3 (6')R	Solid	07/19/22 00:00	07/20/22 08:27
880-17140-23	Background-1 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27

Work Order No: 17140

Page 1 of 3

Project Manager	Ashton Thielke	Bill to. (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

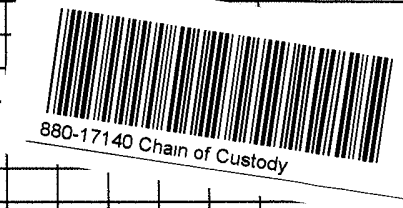
Project Name	Mamba 30 State Com #744-745	Turn Around	
Project Number	1085	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date	
Sampler's Name:	AT		
PO #:			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals	Yes No (N/A)	Correction Factor	+.10
Sample Custody Seals	Yes No (N/A)	Temperature Reading	.4
Total Containers.		Corrected Temperature	-6

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0 5')	7/19/2022		X		G	1	X	X	X	
H-2 (0-0 5')	7/19/2022		X		G	1	X	X	X	
H-3 (0-0 5')	7/19/2022		X		G	1	X	X	X	
H-4 (0-0 5')	7/19/2022		X		G	1	X	X	X	
T-1 (0-1')	7/19/2022		X		G	1	X	X	X	
T-1 (2')	7/19/2022		X		G	1	X	X	X	
T-1 (3')	7/19/2022		X		G	1	X	X	X	
T-1 (4')	7/19/2022		X		G	1	X	X	X	
T-1 (5')	7/19/2022		X		G	1	X	X	X	
T-1 (6') R	7/19/2022		X		G	1	X	X	X	



Email to Mike Carmona Mcarmona@carmonaresources com and Conner Moehring@carmonaresources com

Relinquished by (Signature)	Date/Time	Received by: (Signature)	Date/Time
DanielSparks	7-20-22 8:27		

Work Order No: 17140

Project Manager	Ashton Thielke	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address.	310 W Wall St Ste 415	Address.	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables. EDD ☐ ADaPT ☐ Other:

Project Name	Mamba 30 State Com #744-745	Turn Around	
Project Number	1085	☑ Routine	☐ Rush
Project Location	Lea Co, NM	Due Date	
Sampler's Name	AT		
PO #:			

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

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
T-2 (0-1')	7/19/2022		X		G	1		X	X	X	
T-2 (2')	7/19/2022		X		G	1		X	X	X	
T-2 (3')	7/19/2022		X		G	1		X	X	X	
T-2 (4')	7/19/2022		X		G	1		X	X	X	
T-2 (5')	7/19/2022		X		G	1		X	X	X	
T-2 (6') R	7/19/2022		X		G	1					X
T-3 (0-1')	7/19/2022		X		G	1		X	X	X	
T-3 (2')	7/19/2022		X		G	1		X	X	X	
T-3 (3')	7/19/2022		X		G	1		X	X	X	
T-3 (4')	7/19/2022		X		G	1		X	X	X	

Sample Comments

Email to Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com

Hold T-2 (6')

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Daniel Sparks	7-20-22 8:27		

Work Order No: 17140

Page 3 of 3

Project Manager	Ashton Thielke	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Mamba 30 State Com #744-745	Turn Around	
Project Number	1085	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date	
Sampler's Name	AT		
PO #:			

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

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold
T-3 (5')	7/19/2022		X		G	1		X	X	X	
T-3 (6') R	7/19/2022		X		G	1		X	X	X	
Background-1 (0-0 5')	7/19/2022		X		G	1		X	X	X	

Parameters

Preservative Codes

None. NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Loc. 880
17140

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Daniel Sparks	7-20-22 8:27		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17140-1
SDG Number: Lea Co, NM

Login Number: 17140
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

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 130318
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved. Variance approved with conditions that composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet.	8/4/2022