CARMONA RESOURCES

SITE INFORMATION

Closure Report
Ringo Fed Com 32 CTB (07.21.22)
Lea County, New Mexico
Incident ID: NAPP2222341899
Unit F Sec 32 T19S R32E
32.617055°, -103.789249°

Produced Water Release
Point of Release: Hole in poly line
Release Date: 07.21.2022
Volume Released: 3.716 barrel of Produced Water
Volume Recovered: 0 barrels of Produced Water

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

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

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

CARMONA RESOURCES

September 25, 2022

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

Re: Closure Report
Ringo Fed Com 32 CTB (07.21.22)
Concho Operating, LLC
Site Location: Unit F, S32, T19S, R32E
(Lat 32.617055°, Long -103.789249°)
Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities at the Ringo Fed Com 32 CTB (07.21.22). The site is located at 32.617055°, -103.789249° within Unit F S32, T19S, R32E, and 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 July 21, 2022, caused by fluids being released by a hole in the poly flow line. It released approximately (three-point-seven-one-six) 3.716 barrels of produced water, and (zero) 0 barrels were recovered. The impacted area occurred in the pasture and measured approximately 65’ x 30’, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 1.77 miles West of the site in S32, T19S, R32E and was drilled in 1975. The well has a reported depth to groundwater of 661.56' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On July 21, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1, S-2, and S-3) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 4.5 ft below the

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CARMONA RESOURCES

surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are includedin Appendix E. The sample locations are shown in Figure 3.

Refer to Table 1 for the analytical data, Appendix A.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 30, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 was excavated to a depth of 6.5' below the surface to remove all the impacted soils. The area of S-2 and S-3 was excavated to a depth of 7.0' below the surface to remove all the impacted soils. A total of nine (9) floor confirmation samples were collected (CS-1 through CS-9), and eleven (11) sidewall samples (SW-1 through SW-11) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 382 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

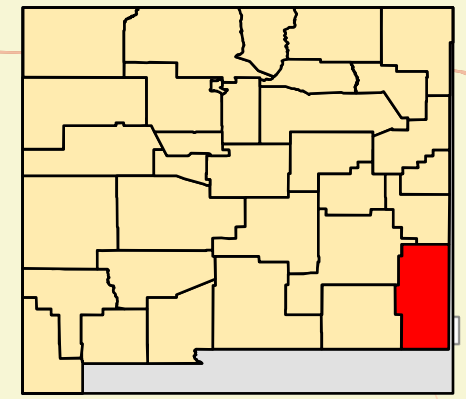
Mike Carmona
Environmental Manager

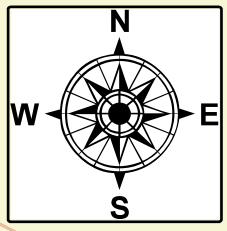
Clinton Merritt
Sr. Project Manager

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

FIGURES

CARMONA RESOURCES





Bermuda Rd
529
Maljamar Rd
529
Bluestem Rd
222
Potash Mines Rd
180
Halfway
180
Hobbs Hwy
180
176
31

0 2 4 8 Miles

Legend
Site Location

OVERVIEW MAP
COG OPERATING
RINGO FED COM 32 CTB
LEA COUNTY, NEW MEXICO
32.617055, -103.789249

SCALE: As Shown

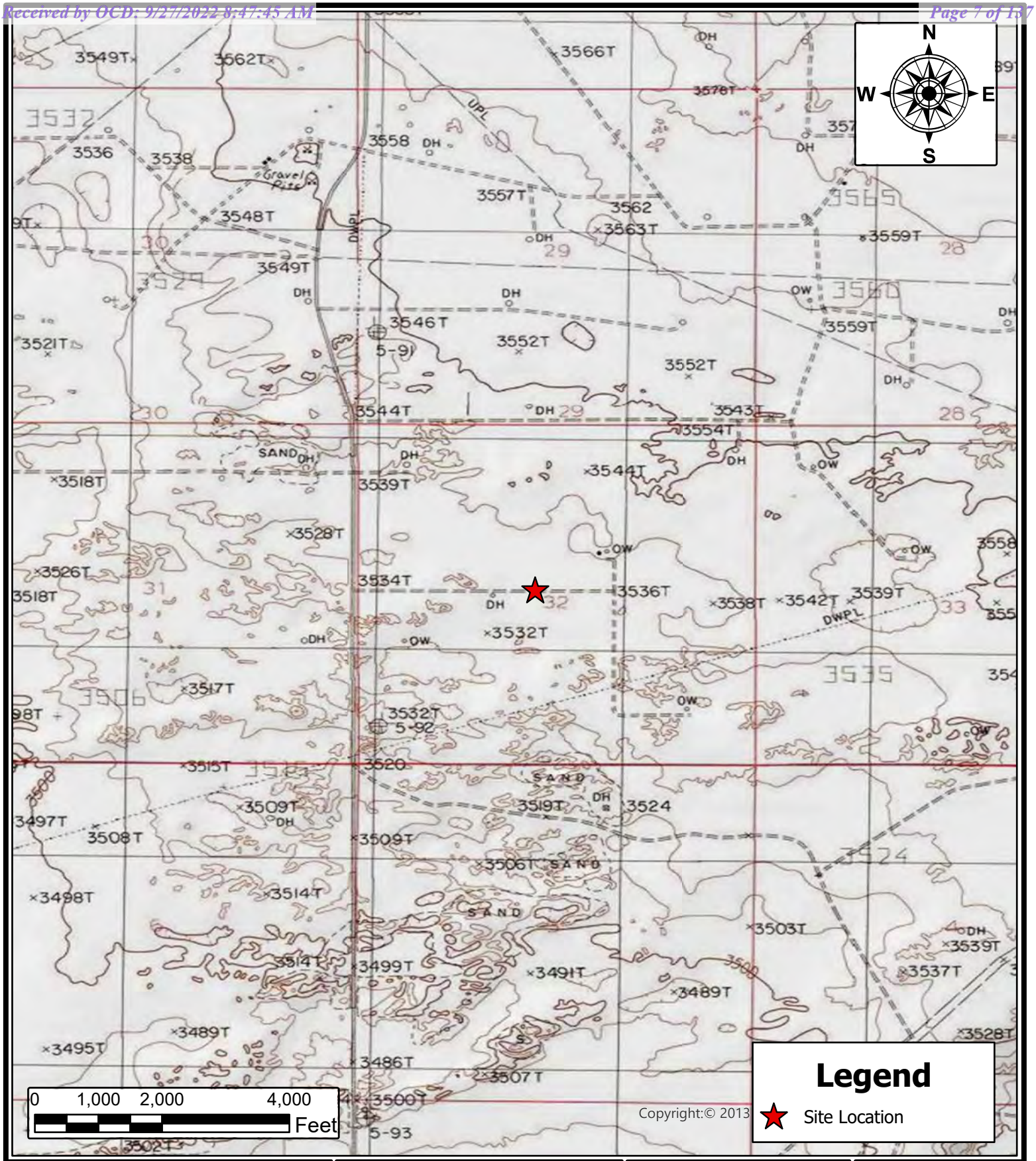
Date: 9/19/2022

CARMONA RESOURCES

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

NOTES:
1. Base Image: ESRI Maps & Data 2022
2. Map Projection: WGS84

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



TOPOGRAPHIC MAP
COG OPERATING
RINGO FED COM 32 CTB
LEA COUNTY, NEW MEXICO
32.617055, -103.789249

SCALE: As Shown

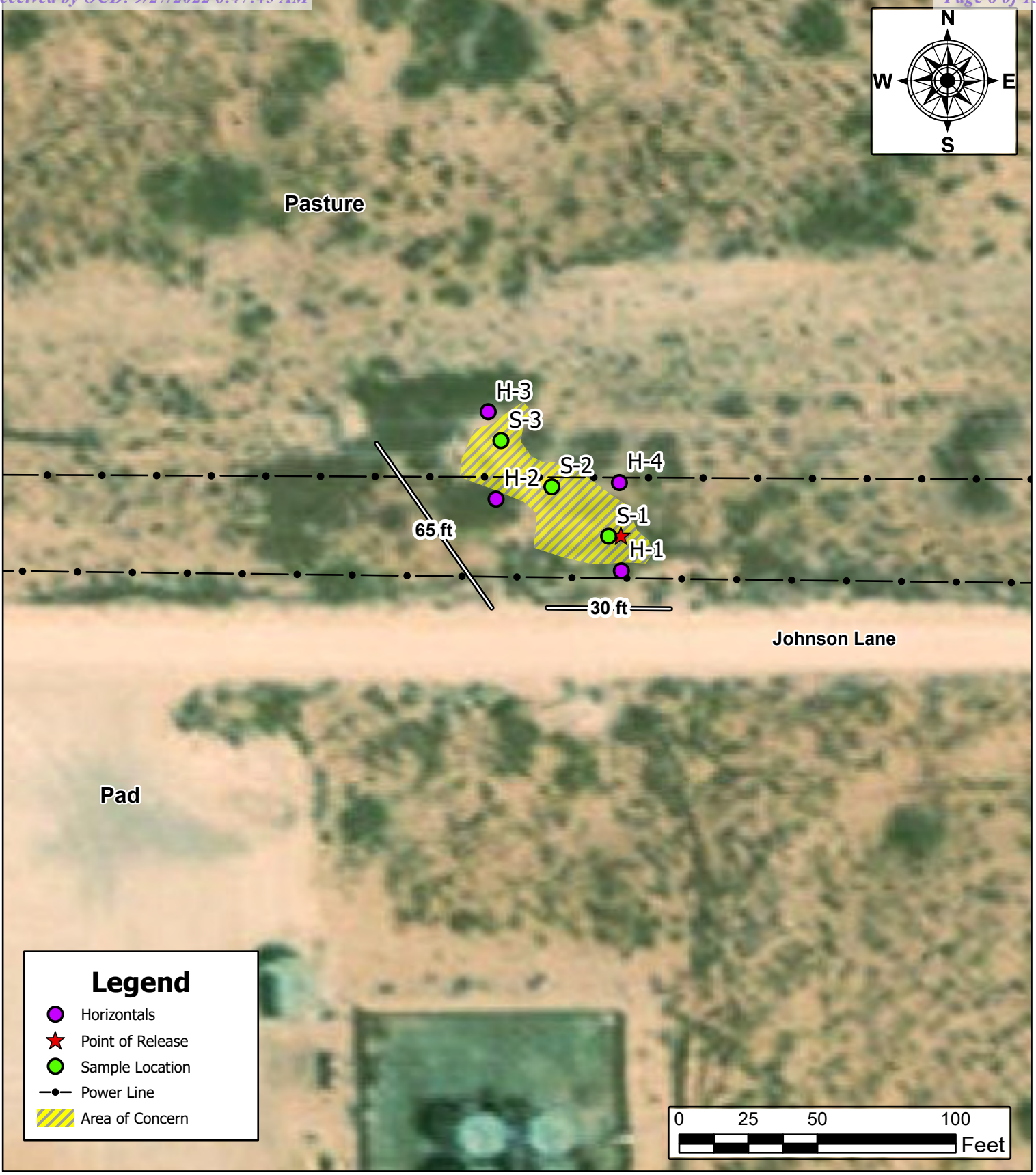
Date: 9/19/2022

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

NOTES:

1. Base Image: ESRI Maps & Data 2022
2. Map Projection: WGS84

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



SAMPLE LOCATION MAP
COG OPERATING
RINGO FED COM 32 CTB
LEA COUNTY, NEW MEXICO
32.617055, -103.789249

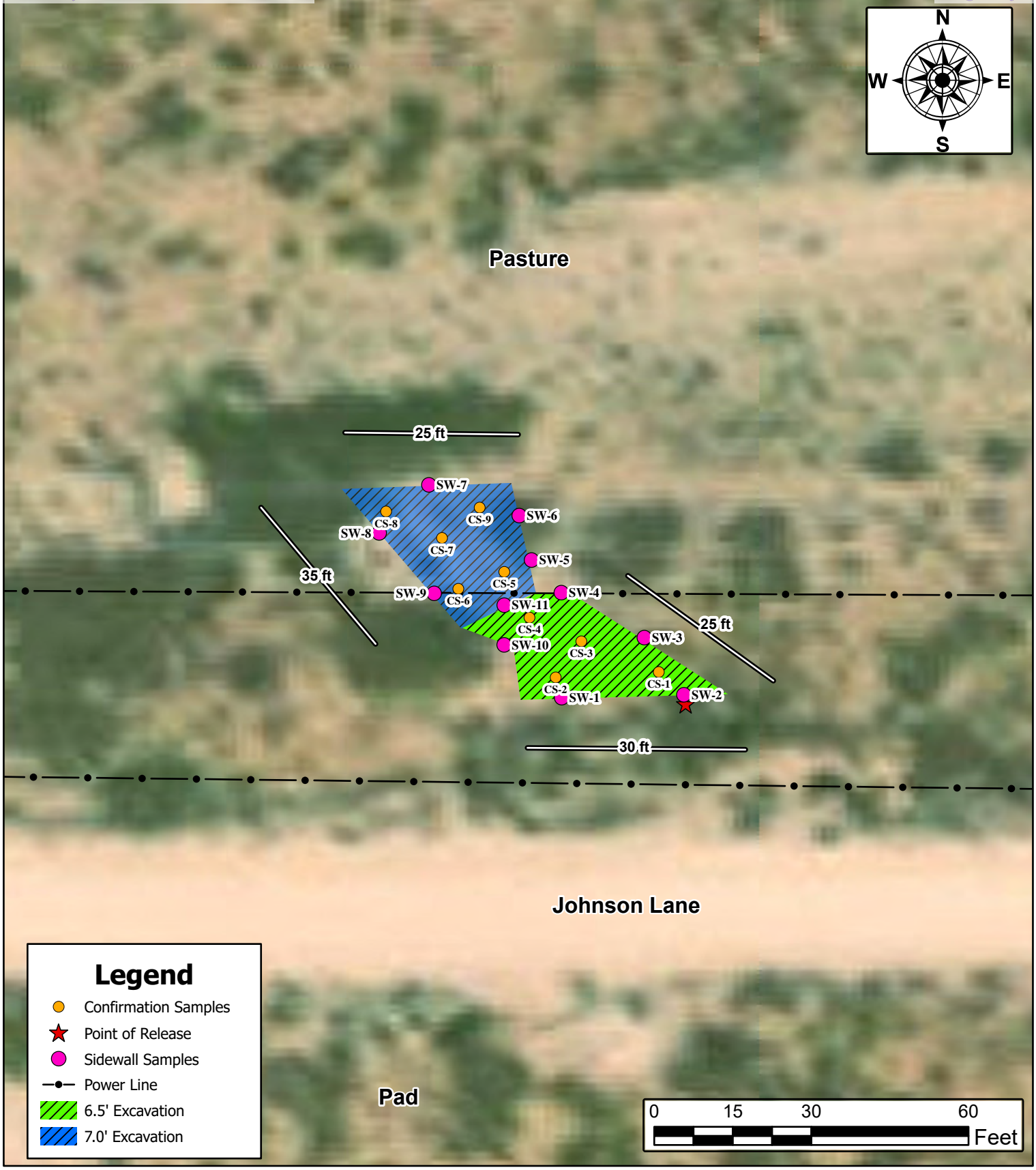
SCALE: As Shown | Date: 9/19/2022

CARMONA RESOURCES

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

NOTES:
1. Base Image: ESRI Maps & Data 2022
2. Map Projection: WGS84

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1



EXCAVATION DEPTH MAP
COG OPERATING
RINGO FED COM 32 CTB
LEA COUNTY, NEW MEXICO
32.617055, -103.789249

SCALE: As Shown

Date: 9/19/2022

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
COG
Ringo Fed Com 32 CTB (07.21.22)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	7/21/2022	0-1	<49.8	**1,970**	**645**	**2,620**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**8,780**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**9,440**
	"	2.5'	<50.0	71.1	<50.0	71.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**11,000**
	"	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**13,900**
	"	4.5'	<49.9	85.7	<49.9	85.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**13,200**
S-2	7/21/2022	0-1	<50.0	<50.0	<50.0	<50.0	0.000400	0.00122	0.00167	0.00494	0.00823	**20,400**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	0.00410	0.0194	0.00406	<0.00399	0.0276	**4,830**
	"	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**6,280**
	"	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**8,100**
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**12,000**
S-3	7/21/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**13,400**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**5,370**
	"	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**6,950**
	"	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**11,600**
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**13,900**
H-1	7/21/2022	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.0
H-2	7/21/2022	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.6
H-3	7/21/2022	0-1'	<49.8	55.1	<49.8	55.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
H-4	7/21/2022	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.0
Regulatory Criteria [A]						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

(H) - Horizontal

Removed

Table 2
COG
Ringo Fed Com 32 CTB (07.21.22)
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						
CS-1	9/1/2022	6.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.97
CS-2	9/1/2022	6.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9.14
CS-3	9/1/2022	6.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	9.19
CS-4	9/1/2022	6.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	10.3
CS-5	9/1/2022	7.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
CS-6	9/1/2022	7.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.78
CS-7	9/1/2022	7.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	11.2
CS-8	9/1/2022	7.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.19
CS-9	9/1/2022	7.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.9
SW-1	9/1/2022	6.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.8
SW-2	9/1/2022	6.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.0
SW-3	9/1/2022	6.5	<50.0	<50.0	<50.0	<50.0	0.0131	0.0364	0.00474	0.115	0.169	7.49
SW-4	9/1/2022	6.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.8
SW-5	9/1/2022	7.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.51
SW-6	9/1/2022	7.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.1
SW-7	9/1/2022	7.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9.41
SW-8	9/1/2022	7.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.3
SW-9	9/1/2022	7.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.6
SW-10	9/1/2022	6.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.0
SW-11	9/1/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.2
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**	-	-	-	**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) Confirmation Smaple
(SW) Sidewall

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Ringo Fed Com 32 CTB (07.21.22)

County: Lea County, New Mexico

Description:
View Northwest, areas of sample points (1-9).

Photograph No. 2

Facility: Ringo Fed Com 32 CTB (07.21.22)

County: Lea County, New Mexico

Description:
View Southeast, areas of confirmation samples (1-9).

Photograph No. 3

Facility: Ringo Fed Com 32 CTB (07.21.22)

County: Lea County, New Mexico

Description:
View East, areas of confirmation samples (1-9).

APPENDIX C

CARMONA RESOURCES

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

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

If all the actions described above have 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 _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

L48 Spill Volume Estimate Form

Facility Name & Number:	Ringo 32 Fed Com CTB
Asset Area:	DBW-North
Release Discovery Date & Time:	7/21/2022
Release Type:	Produced water
Provide any known details about the event:	Found spill right next to Magnum Pronto SWD. The water lines were connected to the Ringo battery.

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated *Pool* Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	20.0	25.0	2.00	4	500.000	0.042	3.708	0.002	3.716			
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
								Total Volume Release:	3.716			

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: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 09/27/2022

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 09/27/2022

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

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Tuesday, August 30, 2022 1:14 PM
To: OCD.Enviro@state.nm.us
Cc: Conner Moehring; Ashton Thielke; Harris, Jacqui
Subject: COG - Ringo Fed Com 32 CTB (07.21.22) Sampling Notification

Good Afternoon,

On behalf of COG, Carmona Resources will collect confirmation samples at the below-referenced site on 09/01/22 around 1:30 p.m Mountain Time. Please let me know if you have any questions.

COG - Ringo Fed Com 32 CTB (07.21.22)
Sec 32 T19S R32E Unit F
32.617055, -103.789249
Lea County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com

CARMONA RESOURCES

APPENDIX D

CARMONA RESOURCES

NEAREST WATER WELL

COG OPERATING

LOW KARST

COG OPERATING

Legend

Low

Ringo Fed Com 32 CTB (07.21.22)

126

126A

Ringo Fed Com 32 CTB (07.21.22)

126A

N

1 mi

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00641 POD1	CP	ED	4	1	36	19S	31E		610247	3609634*	3245	300	130	170
CP 00642 POD1	CP	ED	2	2	25	19S	31E		611025	3611657*	3289	250		
CP 00639 POD1	CP	LE	3	1	20	19S	32E		613029	3612880*	3433	350	345	5
CP 00640 POD1	CP	LE	2	2	19	19S	32E		612621	3613280*	3899	260	102	158

Average Depth to Water: **192 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 613488.92 **Northing (Y):** 3609477.94 **Radius:** 4000

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

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	?

Groundwater | New Mexico | GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 323712103491001

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

USGS 323712103491001 19S.32E.31.114

Lea County, New Mexico
Latitude 32°37'12", Longitude 103°49'10" NAD27
Land-surface elevation 3,497 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national 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
1966-09		M	62610		2974.45	NGVD29	1	Z		
1966-09		M	62611		2976.01	NAVD88	1	Z		
1966-09		M	72019	520.99			1	Z		
1967-07		M	62610		2990.31	NGVD29	1	Z		
1967-07		M	62611		2991.87	NAVD88	1	Z		
1967-07		M	72019	505.13			1	Z		
1967-09		M	62610		2986.43	NGVD29	1	Z		
1967-09		M	62611		2987.99	NAVD88	1	Z		
1967-09		M	72019	509.01			1	Z		
1967-11		M	62610		2982.96	NGVD29	1	Z		
1967-11		M	62611		2984.52	NAVD88	1	Z		
1967-11		M	72019	512.48			1	Z		
1968-01		M	62610		2979.75	NGVD29	1	Z		
1968-01		M	62611		2981.31	NAVD88	1	Z		
1968-01		M	72019	515.69			1	Z		
1968-03		M	62610		2976.92	NGVD29	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1968-03	M	62611	2978.48	NAVD88	1	Z	
1968-03	M	72019	518.52		1	Z	
1968-05	M	62610	2973.44	NGVD29	1	Z	
1968-05	M	62611	2975.00	NAVD88	1	Z	
1968-05	M	72019	522.00		1	Z	
1968-07	M	62610	2968.86	NGVD29	1	Z	
1968-07	M	62611	2970.42	NAVD88	1	Z	
1968-07	M	72019	526.58		1	Z	
1968-09	M	62610	2965.05	NGVD29	1	Z	
1968-09	M	62611	2966.61	NAVD88	1	Z	
1968-09	M	72019	530.39		1	Z	
1968-11	M	62610	2961.60	NGVD29	1	Z	
1968-11	M	62611	2963.16	NAVD88	1	Z	
1968-11	M	72019	533.84		1	Z	
1969-01	M	62610	2958.39	NGVD29	1	Z	
1969-01	M	62611	2959.95	NAVD88	1	Z	
1969-01	M	72019	537.05		1	Z	
1969-03	M	62610	2954.31	NGVD29	1	Z	
1969-03	M	62611	2955.87	NAVD88	1	Z	
1969-03	M	72019	541.13		1	Z	
1969-05	M	62610	2950.86	NGVD29	1	Z	
1969-05	M	62611	2952.42	NAVD88	1	Z	
1969-05	M	72019	544.58		1	Z	
1969-07	M	62610	2947.00	NGVD29	1	Z	
1969-07	M	62611	2948.56	NAVD88	1	Z	
1969-07	M	72019	548.44		1	Z	
1969-09	M	62610	2943.31	NGVD29	1	Z	
1969-09	M	62611	2944.87	NAVD88	1	Z	
1969-09	M	72019	552.13		1	Z	
1969-11	M	62610	2940.77	NGVD29	1	Z	
1969-11	M	62611	2942.33	NAVD88	1	Z	
1969-11	M	72019	554.67		1	Z	
1970-01	M	62610	2938.01	NGVD29	1	Z	
1970-01	M	62611	2939.57	NAVD88	1	Z	
1970-01	M	72019	557.43		1	Z	
1970-03	M	62610	2936.13	NGVD29	1	Z	
1970-03	M	62611	2937.69	NAVD88	1	Z	
1970-03	M	72019	559.31		1	Z	
1970-05	M	62610	2932.48	NGVD29	1	Z	
1970-05	M	62611	2934.04	NAVD88	1	Z	
1970-05	M	72019	562.96		1	Z	
1970-07	M	62610	2928.11	NGVD29	1	Z	
1970-07	M	62611	2929.67	NAVD88	1	Z	
1970-07	M	72019	567.33		1	Z	
1970-09	M	62610	2923.92	NGVD29	1	Z	
1970-09	M	62611	2925.48	NAVD88	1	Z	
1970-09	M	72019	571.52		1	Z	
1970-11	M	62610	2921.27	NGVD29	1	Z	
1970-11	M	62611	2922.83	NAVD88	1	Z	
1970-11	M	72019	574.17		1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1971-01	M	62610	2917.43	NGVD29	1	Z	
1971-01	M	62611	2918.99	NAVD88	1	Z	
1971-01	M	72019	578.01		1	Z	
1971-03	M	62610	2914.32	NGVD29	1	Z	
1971-03	M	62611	2915.88	NAVD88	1	Z	
1971-03	M	72019	581.12		1	Z	
1971-05	M	62610	2908.92	NGVD29	1	Z	
1971-05	M	62611	2910.48	NAVD88	1	Z	
1971-05	M	72019	586.52		1	Z	
1971-07	M	62610	2904.68	NGVD29	1	Z	
1971-07	M	62611	2906.24	NAVD88	1	Z	
1971-07	M	72019	590.76		1	Z	
1971-09	M	62610	2901.09	NGVD29	1	Z	
1971-09	M	62611	2902.65	NAVD88	1	Z	
1971-09	M	72019	594.35		1	Z	
1971-11	M	62610	2898.49	NGVD29	1	Z	
1971-11	M	62611	2900.05	NAVD88	1	Z	
1971-11	M	72019	596.95		1	Z	
1972-01	M	62610	2896.02	NGVD29	1	Z	
1972-01	M	62611	2897.58	NAVD88	1	Z	
1972-01	M	72019	599.42		1	Z	
1972-03	M	62610	2893.24	NGVD29	1	Z	
1972-03	M	62611	2894.80	NAVD88	1	Z	
1972-03	M	72019	602.20		1	Z	
1972-05	M	62610	2889.97	NGVD29	1	Z	
1972-05	M	62611	2891.53	NAVD88	1	Z	
1972-05	M	72019	605.47		1	Z	
1972-07	M	62610	2886.81	NGVD29	1	Z	
1972-07	M	62611	2888.37	NAVD88	1	Z	
1972-07	M	72019	608.63		1	Z	
1972-09	M	62610	2884.10	NGVD29	1	Z	
1972-09	M	62611	2885.66	NAVD88	1	Z	
1972-09	M	72019	611.34		1	Z	
1972-11	M	62610	2882.57	NGVD29	1	Z	
1972-11	M	62611	2884.13	NAVD88	1	Z	
1972-11	M	72019	612.87		1	Z	
1973-01	M	62610	2880.52	NGVD29	1	Z	
1973-01	M	62611	2882.08	NAVD88	1	Z	
1973-01	M	72019	614.92		1	Z	
1973-03	M	62610	2879.59	NGVD29	1	Z	
1973-03	M	62611	2881.15	NAVD88	1	Z	
1973-03	M	72019	615.85		1	Z	
1973-05	M	62610	2874.74	NGVD29	1	Z	
1973-05	M	62611	2876.30	NAVD88	1	Z	
1973-05	M	72019	620.70		1	Z	
1973-07	M	62610	2871.78	NGVD29	1	Z	
1973-07	M	62611	2873.34	NAVD88	1	Z	
1973-07	M	72019	623.66		1	Z	
1973-09	M	62610	2865.11	NGVD29	1	Z	
1973-09	M	62611	2866.67	NAVD88	1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface		Water level, feet above specific vertical datum		Referenced vertical datum	
1973-09	M	72019	630.33			1	Z		
1973-11	M	62610		2862.56	NGVD29	1	Z		
1973-11	M	62611		2864.12	NAVD88	1	Z		
1973-11	M	72019	632.88			1	Z		
1974-01	M	62610		2859.06	NGVD29	1	Z		
1974-01	M	62611		2860.62	NAVD88	1	Z		
1974-01	M	72019	636.38			1	Z		
1974-03	M	62610		2856.03	NGVD29	1	Z		
1974-03	M	62611		2857.59	NAVD88	1	Z		
1974-03	M	72019	639.41			1	Z		
1974-05	M	62610		2850.30	NGVD29	1	Z		
1974-05	M	62611		2851.86	NAVD88	1	Z		
1974-05	M	72019	645.14			1	Z		
1974-09	M	62610		2844.19	NGVD29	1	Z		
1974-09	M	62611		2845.75	NAVD88	1	Z		
1974-09	M	72019	651.25			1	Z		
1975-03-21	D	62610		2839.65	NGVD29	1	Z		
1975-03-21	D	62611		2841.21	NAVD88	1	Z		
1975-03-21	D	72019	655.79			1	Z		
1975-03-22	D	62610		2839.78	NGVD29	1	Z		
1975-03-22	D	62611		2841.34	NAVD88	1	Z		
1975-03-22	D	72019	655.66			1	Z		
1975-03-23	D	62610		2839.84	NGVD29	1	Z		
1975-03-23	D	62611		2841.40	NAVD88	1	Z		
1975-03-23	D	72019	655.60			1	Z		
1975-03-24	D	62610		2839.59	NGVD29	1	Z		
1975-03-24	D	62611		2841.15	NAVD88	1	Z		
1975-03-24	D	72019	655.85			1	Z		
1975-03-25	D	62610		2839.58	NGVD29	1	Z		
1975-03-25	D	62611		2841.14	NAVD88	1	Z		
1975-03-25	D	72019	655.86			1	Z		
1975-03-26	D	62610		2839.79	NGVD29	1	Z		
1975-03-26	D	62611		2841.35	NAVD88	1	Z		
1975-03-26	D	72019	655.65			1	Z		
1975-03-27	D	62610		2839.74	NGVD29	1	Z		
1975-03-27	D	62611		2841.30	NAVD88	1	Z		
1975-03-27	D	72019	655.70			1	Z		
1975-03-28	D	62610		2839.56	NGVD29	1	Z		
1975-03-28	D	62611		2841.12	NAVD88	1	Z		
1975-03-28	D	72019	655.88			1	Z		
1975-03-29	D	62610		2839.39	NGVD29	1	Z		
1975-03-29	D	62611		2840.95	NAVD88	1	Z		
1975-03-29	D	72019	656.05			1	Z		
1975-03-30	D	62610		2839.34	NGVD29	1	Z		
1975-03-30	D	62611		2840.90	NAVD88	1	Z		
1975-03-30	D	72019	656.10			1	Z		
1975-03-31	D	62610		2839.55	NGVD29	1	Z		
1975-03-31	D	62611		2841.11	NAVD88	1	Z		
1975-03-31	D	72019	655.89			1	Z		
1975-04-01	D	62610		2839.48	NGVD29	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1975-04-01	D	62611	2841.04	NAVD88	1	Z	
1975-04-01	D	72019	655.96		1	Z	
1975-04-02	D	62610	2839.30	NGVD29	1	Z	
1975-04-02	D	62611	2840.86	NAVD88	1	Z	
1975-04-02	D	72019	656.14		1	Z	
1975-04-03	D	62610	2839.15	NGVD29	1	Z	
1975-04-03	D	62611	2840.71	NAVD88	1	Z	
1975-04-03	D	72019	656.29		1	Z	
1975-04-04	D	62610	2839.24	NGVD29	1	Z	
1975-04-04	D	62611	2840.80	NAVD88	1	Z	
1975-04-04	D	72019	656.20		1	Z	
1975-04-05	D	62610	2839.19	NGVD29	1	Z	
1975-04-05	D	62611	2840.75	NAVD88	1	Z	
1975-04-05	D	72019	656.25		1	Z	
1975-04-06	D	62610	2839.21	NGVD29	1	Z	
1975-04-06	D	62611	2840.77	NAVD88	1	Z	
1975-04-06	D	72019	656.23		1	Z	
1975-04-07	D	62610	2839.37	NGVD29	1	Z	
1975-04-07	D	62611	2840.93	NAVD88	1	Z	
1975-04-07	D	72019	656.07		1	Z	
1975-04-08	D	62610	2839.16	NGVD29	1	Z	
1975-04-08	D	62611	2840.72	NAVD88	1	Z	
1975-04-08	D	72019	656.28		1	Z	
1975-04-09	D	62610	2838.96	NGVD29	1	Z	
1975-04-09	D	62611	2840.52	NAVD88	1	Z	
1975-04-09	D	72019	656.48		1	Z	
1975-04-10	D	62610	2839.02	NGVD29	1	Z	
1975-04-10	D	62611	2840.58	NAVD88	1	Z	
1975-04-10	D	72019	656.42		1	Z	
1975-04-11	D	62610	2838.81	NGVD29	1	Z	
1975-04-11	D	62611	2840.37	NAVD88	1	Z	
1975-04-11	D	72019	656.63		1	Z	
1975-04-12	D	62610	2838.82	NGVD29	1	Z	
1975-04-12	D	62611	2840.38	NAVD88	1	Z	
1975-04-12	D	72019	656.62		1	Z	
1975-04-13	D	62610	2838.89	NGVD29	1	Z	
1975-04-13	D	62611	2840.45	NAVD88	1	Z	
1975-04-13	D	72019	656.55		1	Z	
1975-04-14	D	62610	2838.73	NGVD29	1	Z	
1975-04-14	D	62611	2840.29	NAVD88	1	Z	
1975-04-14	D	72019	656.71		1	Z	
1975-04-15	D	62610	2838.69	NGVD29	1	Z	
1975-04-15	D	62611	2840.25	NAVD88	1	Z	
1975-04-15	D	72019	656.75		1	Z	
1975-04-16	D	62610	2838.74	NGVD29	1	Z	
1975-04-16	D	62611	2840.30	NAVD88	1	Z	
1975-04-16	D	72019	656.70		1	Z	
1975-04-17	D	62610	2838.86	NGVD29	1	Z	
1975-04-17	D	62611	2840.42	NAVD88	1	Z	
1975-04-17	D	72019	656.58		1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1975-04-18	D	62610		2838.82	NGVD29	1	Z
1975-04-18	D	62611		2840.38	NAVD88	1	Z
1975-04-18	D	72019	656.62			1	Z
1975-04-19	D	62610		2838.51	NGVD29	1	Z
1975-04-19	D	62611		2840.07	NAVD88	1	Z
1975-04-19	D	72019	656.93			1	Z
1975-04-20	D	62610		2838.48	NGVD29	1	Z
1975-04-20	D	62611		2840.04	NAVD88	1	Z
1975-04-20	D	72019	656.96			1	Z
1975-04-21	D	62610		2838.39	NGVD29	1	Z
1975-04-21	D	62611		2839.95	NAVD88	1	Z
1975-04-21	D	72019	657.05			1	Z
1975-04-22	D	62610		2838.41	NGVD29	1	Z
1975-04-22	D	62611		2839.97	NAVD88	1	Z
1975-04-22	D	72019	657.03			1	Z
1975-04-23	D	62610		2838.42	NGVD29	1	Z
1975-04-23	D	62611		2839.98	NAVD88	1	Z
1975-04-23	D	72019	657.02			1	Z
1975-04-24	D	62610		2838.40	NGVD29	1	Z
1975-04-24	D	62611		2839.96	NAVD88	1	Z
1975-04-24	D	72019	657.04			1	Z
1975-04-25	D	62610		2838.38	NGVD29	1	Z
1975-04-25	D	62611		2839.94	NAVD88	1	Z
1975-04-25	D	72019	657.06			1	Z
1975-04-26	D	62610		2838.42	NGVD29	1	Z
1975-04-26	D	62611		2839.98	NAVD88	1	Z
1975-04-26	D	72019	657.02			1	Z
1975-04-27	D	62610		2838.41	NGVD29	1	Z
1975-04-27	D	62611		2839.97	NAVD88	1	Z
1975-04-27	D	72019	657.03			1	Z
1975-04-28	D	62610		2838.27	NGVD29	1	Z
1975-04-28	D	62611		2839.83	NAVD88	1	Z
1975-04-28	D	72019	657.17			1	Z
1975-04-29	D	62610		2838.32	NGVD29	1	Z
1975-04-29	D	62611		2839.88	NAVD88	1	Z
1975-04-29	D	72019	657.12			1	Z
1975-04-30	D	62610		2838.12	NGVD29	1	Z
1975-04-30	D	62611		2839.68	NAVD88	1	Z
1975-04-30	D	72019	657.32			1	Z
1975-05-01	D	62610		2838.03	NGVD29	1	Z
1975-05-01	D	62611		2839.59	NAVD88	1	Z
1975-05-01	D	72019	657.41			1	Z
1975-05-02	D	62610		2838.03	NGVD29	1	Z
1975-05-02	D	62611		2839.59	NAVD88	1	Z
1975-05-02	D	72019	657.41			1	Z
1975-05-03	D	62610		2837.93	NGVD29	1	Z
1975-05-03	D	62611		2839.49	NAVD88	1	Z
1975-05-03	D	72019	657.51			1	Z
1975-05-04	D	62610		2837.98	NGVD29	1	Z
1975-05-04	D	62611		2839.54	NAVD88	1	Z

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface		Water level, feet above specific vertical datum		Referenced vertical datum	
1975-05-04	D	72019	657.46			1	Z		
1975-05-05	D	62610		2838.02	NGVD29	1	Z		
1975-05-05	D	62611		2839.58	NAVD88	1	Z		
1975-05-05	D	72019	657.42			1	Z		
1975-05-06	D	62610		2837.91	NGVD29	1	Z		
1975-05-06	D	62611		2839.47	NAVD88	1	Z		
1975-05-06	D	72019	657.53			1	Z		
1975-05-07	D	62610		2837.85	NGVD29	1	Z		
1975-05-07	D	62611		2839.41	NAVD88	1	Z		
1975-05-07	D	72019	657.59			1	Z		
1975-05-08	D	62610		2837.74	NGVD29	1	Z		
1975-05-08	D	62611		2839.30	NAVD88	1	Z		
1975-05-08	D	72019	657.70			1	Z		
1975-05-09	D	62610		2837.63	NGVD29	1	Z		
1975-05-09	D	62611		2839.19	NAVD88	1	Z		
1975-05-09	D	72019	657.81			1	Z		
1975-05-10	D	62610		2837.56	NGVD29	1	Z		
1975-05-10	D	62611		2839.12	NAVD88	1	Z		
1975-05-10	D	72019	657.88			1	Z		
1975-05-11	D	62610		2837.57	NGVD29	1	Z		
1975-05-11	D	62611		2839.13	NAVD88	1	Z		
1975-05-11	D	72019	657.87			1	Z		
1975-05-12	D	62610		2837.62	NGVD29	1	Z		
1975-05-12	D	62611		2839.18	NAVD88	1	Z		
1975-05-12	D	72019	657.82			1	Z		
1975-05-13	D	62610		2837.62	NGVD29	1	Z		
1975-05-13	D	62611		2839.18	NAVD88	1	Z		
1975-05-13	D	72019	657.82			1	Z		
1975-05-14	D	62610		2837.47	NGVD29	1	Z		
1975-05-14	D	62611		2839.03	NAVD88	1	Z		
1975-05-14	D	72019	657.97			1	Z		
1975-05-15	D	62610		2837.41	NGVD29	1	Z		
1975-05-15	D	62611		2838.97	NAVD88	1	Z		
1975-05-15	D	72019	658.03			1	Z		
1975-05-16	D	62610		2837.42	NGVD29	1	Z		
1975-05-16	D	62611		2838.98	NAVD88	1	Z		
1975-05-16	D	72019	658.02			1	Z		
1975-05-17	D	62610		2837.34	NGVD29	1	Z		
1975-05-17	D	62611		2838.90	NAVD88	1	Z		
1975-05-17	D	72019	658.10			1	Z		
1975-05-18	D	62610		2837.26	NGVD29	1	Z		
1975-05-18	D	62611		2838.82	NAVD88	1	Z		
1975-05-18	D	72019	658.18			1	Z		
1975-05-19	D	62610		2837.27	NGVD29	1	Z		
1975-05-19	D	62611		2838.83	NAVD88	1	Z		
1975-05-19	D	72019	658.17			1	Z		
1975-05-20	D	62610		2837.34	NGVD29	1	Z		
1975-05-20	D	62611		2838.90	NAVD88	1	Z		
1975-05-20	D	72019	658.10			1	Z		
1975-05-21	D	62610		2837.22	NGVD29	1	Z		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1975-05-21	D	62611	2838.78	NAVD88	1	Z	
1975-05-21	D	72019	658.22		1	Z	
1975-05-22	D	62610	2837.21	NGVD29	1	Z	
1975-05-22	D	62611	2838.77	NAVD88	1	Z	
1975-05-22	D	72019	658.23		1	Z	
1975-05-23	D	62610	2837.02	NGVD29	1	Z	
1975-05-23	D	62611	2838.58	NAVD88	1	Z	
1975-05-23	D	72019	658.42		1	Z	
1975-05-24	D	62610	2837.00	NGVD29	1	Z	
1975-05-24	D	62611	2838.56	NAVD88	1	Z	
1975-05-24	D	72019	658.44		1	Z	
1975-05-25	D	62610	2836.99	NGVD29	1	Z	
1975-05-25	D	62611	2838.55	NAVD88	1	Z	
1975-05-25	D	72019	658.45		1	Z	
1975-05-26	D	62610	2836.81	NGVD29	1	Z	
1975-05-26	D	62611	2838.37	NAVD88	1	Z	
1975-05-26	D	72019	658.63		1	Z	
1975-05-27	D	62610	2836.84	NGVD29	1	Z	
1975-05-27	D	62611	2838.40	NAVD88	1	Z	
1975-05-27	D	72019	658.60		1	Z	
1975-05-28	D	62610	2836.97	NGVD29	1	Z	
1975-05-28	D	62611	2838.53	NAVD88	1	Z	
1975-05-28	D	72019	658.47		1	Z	
1975-05-29	D	62610	2836.89	NGVD29	1	Z	
1975-05-29	D	62611	2838.45	NAVD88	1	Z	
1975-05-29	D	72019	658.55		1	Z	
1975-05-30	D	62610	2836.68	NGVD29	1	Z	
1975-05-30	D	62611	2838.24	NAVD88	1	Z	
1975-05-30	D	72019	658.76		1	Z	
1975-05-31	D	62610	2836.67	NGVD29	1	Z	
1975-05-31	D	62611	2838.23	NAVD88	1	Z	
1975-05-31	D	72019	658.77		1	Z	
1975-06-01	D	62610	2836.61	NGVD29	1	Z	
1975-06-01	D	62611	2838.17	NAVD88	1	Z	
1975-06-01	D	72019	658.83		1	Z	
1975-06-02	D	62610	2836.51	NGVD29	1	Z	
1975-06-02	D	62611	2838.07	NAVD88	1	Z	
1975-06-02	D	72019	658.93		1	Z	
1975-06-03	D	62610	2836.56	NGVD29	1	Z	
1975-06-03	D	62611	2838.12	NAVD88	1	Z	
1975-06-03	D	72019	658.88		1	Z	
1975-06-04	D	62610	2836.55	NGVD29	1	Z	
1975-06-04	D	62611	2838.11	NAVD88	1	Z	
1975-06-04	D	72019	658.89		1	Z	
1975-06-05	D	62610	2836.44	NGVD29	1	Z	
1975-06-05	D	62611	2838.00	NAVD88	1	Z	
1975-06-05	D	72019	659.00		1	Z	
1975-06-06	D	62610	2836.34	NGVD29	1	Z	
1975-06-06	D	62611	2837.90	NAVD88	1	Z	
1975-06-06	D	72019	659.10		1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1975-06-07	D	62610	2836.31	NGVD29	1	Z	
1975-06-07	D	62611	2837.87	NAVD88	1	Z	
1975-06-07	D	72019	659.13		1	Z	
1975-06-08	D	62610	2836.28	NGVD29	1	Z	
1975-06-08	D	62611	2837.84	NAVD88	1	Z	
1975-06-08	D	72019	659.16		1	Z	
1975-06-09	D	62610	2836.23	NGVD29	1	Z	
1975-06-09	D	62611	2837.79	NAVD88	1	Z	
1975-06-09	D	72019	659.21		1	Z	
1975-06-10	D	62610	2836.09	NGVD29	1	Z	
1975-06-10	D	62611	2837.65	NAVD88	1	Z	
1975-06-10	D	72019	659.35		1	Z	
1975-06-11	D	62610	2835.94	NGVD29	1	Z	
1975-06-11	D	62611	2837.50	NAVD88	1	Z	
1975-06-11	D	72019	659.50		1	Z	
1975-06-13	D	62610	2835.91	NGVD29	1	Z	
1975-06-13	D	62611	2837.47	NAVD88	1	Z	
1975-06-13	D	72019	659.53		1	Z	
1975-06-14	D	62610	2835.92	NGVD29	1	Z	
1975-06-14	D	62611	2837.48	NAVD88	1	Z	
1975-06-14	D	72019	659.52		1	Z	
1975-06-15	D	62610	2835.83	NGVD29	1	Z	
1975-06-15	D	62611	2837.39	NAVD88	1	Z	
1975-06-15	D	72019	659.61		1	Z	
1975-06-16	D	62610	2835.87	NGVD29	1	Z	
1975-06-16	D	62611	2837.43	NAVD88	1	Z	
1975-06-16	D	72019	659.57		1	Z	
1975-06-17	D	62610	2835.83	NGVD29	1	Z	
1975-06-17	D	62611	2837.39	NAVD88	1	Z	
1975-06-17	D	72019	659.61		1	Z	
1975-06-18	D	62610	2835.77	NGVD29	1	Z	
1975-06-18	D	62611	2837.33	NAVD88	1	Z	
1975-06-18	D	72019	659.67		1	Z	
1975-06-19	D	62610	2835.57	NGVD29	1	Z	
1975-06-19	D	62611	2837.13	NAVD88	1	Z	
1975-06-19	D	72019	659.87		1	Z	
1975-06-20	D	62610	2835.47	NGVD29	1	Z	
1975-06-20	D	62611	2837.03	NAVD88	1	Z	
1975-06-20	D	72019	659.97		1	Z	
1975-06-21	D	62610	2835.43	NGVD29	1	Z	
1975-06-21	D	62611	2836.99	NAVD88	1	Z	
1975-06-21	D	72019	660.01		1	Z	
1975-06-22	D	62610	2835.35	NGVD29	1	Z	
1975-06-22	D	62611	2836.91	NAVD88	1	Z	
1975-06-22	D	72019	660.09		1	Z	
1975-06-23	D	62610	2835.22	NGVD29	1	Z	
1975-06-23	D	62611	2836.78	NAVD88	1	Z	
1975-06-23	D	72019	660.22		1	Z	
1975-06-24	D	62610	2835.12	NGVD29	1	Z	
1975-06-24	D	62611	2836.68	NAVD88	1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1975-06-24	D	72019	660.32		1	Z	
1975-06-25	D	62610	2835.16	NGVD29	1	Z	
1975-06-25	D	62611	2836.72	NAVD88	1	Z	
1975-06-25	D	72019	660.28		1	Z	
1975-06-26	D	62610	2835.16	NGVD29	1	Z	
1975-06-26	D	62611	2836.72	NAVD88	1	Z	
1975-06-26	D	72019	660.28		1	Z	
1975-06-27	D	62610	2835.08	NGVD29	1	Z	
1975-06-27	D	62611	2836.64	NAVD88	1	Z	
1975-06-27	D	72019	660.36		1	Z	
1975-06-28	D	62610	2835.02	NGVD29	1	Z	
1975-06-28	D	62611	2836.58	NAVD88	1	Z	
1975-06-28	D	72019	660.42		1	Z	
1975-06-29	D	62610	2834.91	NGVD29	1	Z	
1975-06-29	D	62611	2836.47	NAVD88	1	Z	
1975-06-29	D	72019	660.53		1	Z	
1975-06-30	D	62610	2834.79	NGVD29	1	Z	
1975-06-30	D	62611	2836.35	NAVD88	1	Z	
1975-06-30	D	72019	660.65		1	Z	
1975-07-01	D	62610	2834.71	NGVD29	1	Z	
1975-07-01	D	62611	2836.27	NAVD88	1	Z	
1975-07-01	D	72019	660.73		1	Z	
1975-07-02	D	62610	2834.62	NGVD29	1	Z	
1975-07-02	D	62611	2836.18	NAVD88	1	Z	
1975-07-02	D	72019	660.82		1	Z	
1975-07-03	D	62610	2834.56	NGVD29	1	Z	
1975-07-03	D	62611	2836.12	NAVD88	1	Z	
1975-07-03	D	72019	660.88		1	Z	
1975-07-04	D	62610	2834.49	NGVD29	1	Z	
1975-07-04	D	62611	2836.05	NAVD88	1	Z	
1975-07-04	D	72019	660.95		1	Z	
1975-07-05	D	62610	2834.50	NGVD29	1	Z	
1975-07-05	D	62611	2836.06	NAVD88	1	Z	
1975-07-05	D	72019	660.94		1	Z	
1975-07-06	D	62610	2834.51	NGVD29	1	Z	
1975-07-06	D	62611	2836.07	NAVD88	1	Z	
1975-07-06	D	72019	660.93		1	Z	
1975-07-07	D	62610	2834.42	NGVD29	1	Z	
1975-07-07	D	62611	2835.98	NAVD88	1	Z	
1975-07-07	D	72019	661.02		1	Z	
1975-07-08	D	62610	2834.31	NGVD29	1	Z	
1975-07-08	D	62611	2835.87	NAVD88	1	Z	
1975-07-08	D	72019	661.13		1	Z	
1975-07-09	D	62610	2834.29	NGVD29	1	Z	
1975-07-09	D	62611	2835.85	NAVD88	1	Z	
1975-07-09	D	72019	661.15		1	Z	
1975-07-10	D	62610	2834.28	NGVD29	1	Z	
1975-07-10	D	62611	2835.84	NAVD88	1	Z	
1975-07-10	D	72019	661.16		1	Z	
1975-07-11	D	62610	2834.23	NGVD29	1	Z	

Date	Time	? Water-level date-time accuracy	? Parameter code		Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1975-07-11	D	62611		2835.79	NAVD88	1	Z	
1975-07-11	D	72019	661.21			1	Z	
1975-07-12	D	62610		2834.22	NGVD29	1	Z	
1975-07-12	D	62611		2835.78	NAVD88	1	Z	
1975-07-12	D	72019	661.22			1	Z	
1975-07-13	D	62610		2834.15	NGVD29	1	Z	
1975-07-13	D	62611		2835.71	NAVD88	1	Z	
1975-07-13	D	72019	661.29			1	Z	
1975-07-14	D	62610		2834.10	NGVD29	1	Z	
1975-07-14	D	62611		2835.66	NAVD88	1	Z	
1975-07-14	D	72019	661.34			1	Z	
1975-07-15	D	62610		2833.99	NGVD29	1	Z	
1975-07-15	D	62611		2835.55	NAVD88	1	Z	
1975-07-15	D	72019	661.45			1	Z	
1975-07-16	D	62610		2833.93	NGVD29	1	Z	
1975-07-16	D	62611		2835.49	NAVD88	1	Z	
1975-07-16	D	72019	661.51			1	Z	
1975-07-17	D	62610		2833.88	NGVD29	1	Z	
1975-07-17	D	62611		2835.44	NAVD88	1	Z	
1975-07-17	D	72019	661.56			1	Z	

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 Month
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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	?

New Mexico Office of the State Engineer

Point of Diversion Summary

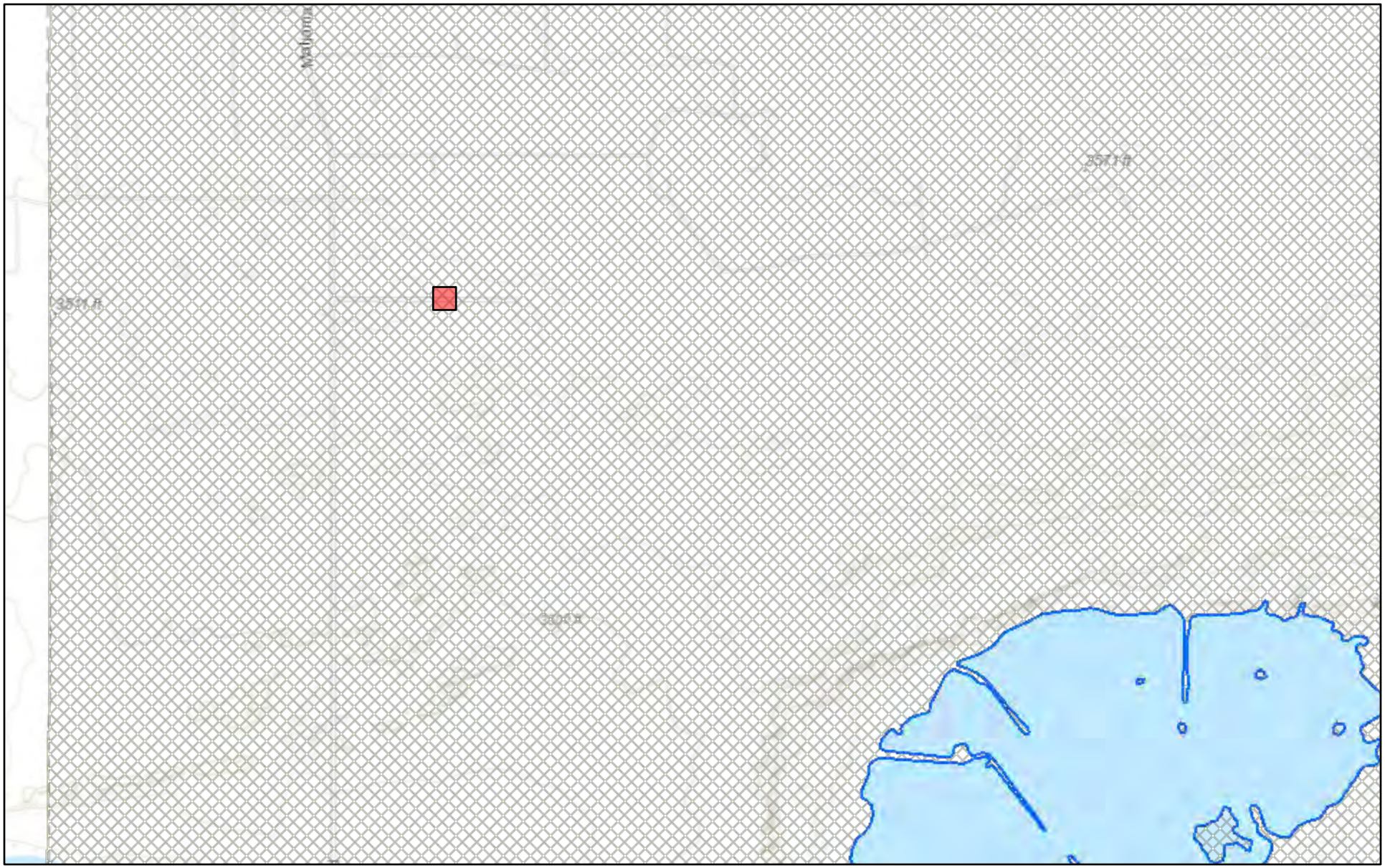
(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	CP 00641 POD1	4	1		36	19S	31E	610247	3609634*

Driller License:	882	**Driller Company:**	LARRY'S DRILLING & PUMP CO.		
Driller Name:	FELKINS, LARRY				
Drill Start Date:	02/11/1982	**Drill Finish Date:**	02/12/1982	**Plug Date:**	
Log File Date:	02/23/1982	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	300 feet	**Depth Water:**	130 feet

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

New Mexico NFHL Data



July 25, 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: 880-17280-1
Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Ringo Fed Com 32 CTB

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

Attn: Ashton Thielke

JKramer

Authorized for release by:
7/27/2022 6:08:05 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.

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Laboratory Job ID: 880-17280-1
SDG: Lea Co, NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Job ID: 880-17280-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-17280-1

Receipt
The samples were received on 7/22/2022 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (2.5') (880-17280-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-3 (4.5') (880-17280-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (3.5') (880-17280-13), S-2 (4.5') (880-17280-14), S-3 (0-1') (880-17280-15), S-3 (1.5') (880-17280-16) and S-3 (2.5') (880-17280-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30562 and analytical batch 880-30657 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.

GC Semi VOA
Method 8015MOD_NM: The method blank for preparation batch 880-30506 and analytical batch 880-30514 contained Gasoline Range Organics (GRO)-C6-C10 and OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-30506 and analytical batch 880-30514 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-17262-A-11-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30446 and 880-30446 and analytical batch 880-30492 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: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-1
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 12:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 12:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 12:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/22/22 14:57	07/25/22 12:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 12:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/22/22 14:57	07/25/22 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/22/22 14:57*	*07/25/22 12:41*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/22/22 14:57*	*07/25/22 12:41*	*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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 08:52	07/25/22 18:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		07/25/22 08:52	07/25/22 18:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 08:52	07/25/22 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*07/25/22 08:52*	*07/25/22 18:37*	*1*
o-Terphenyl	*84*		*70 - 130*	*07/25/22 08:52*	*07/25/22 18:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.0**	**F1**	5.05		mg/Kg			07/25/22 14:19	1

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

Lab Sample ID: 880-17280-2
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 13:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 13:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 13:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/22/22 14:57	07/25/22 13:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 13:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/22/22 14:57	07/25/22 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/22/22 14:57*	*07/25/22 13:07*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/22/22 14:57*	*07/25/22 13:07*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-2
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 08:52	07/25/22 18:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		07/25/22 08:52	07/25/22 18:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/25/22 08:52	07/25/22 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*07/25/22 08:52*	*07/25/22 18:59*	*1*
o-Terphenyl	*82*		*70 - 130*	*07/25/22 08:52*	*07/25/22 18:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.6**		5.00		mg/Kg			07/25/22 14:46	1

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

Lab Sample ID: 880-17280-3
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 13:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 13:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 13:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 13:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 13:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/22/22 14:57*	*07/25/22 13:33*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/22/22 14:57*	*07/25/22 13:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/25/22 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.1**		49.8		mg/Kg			07/26/22 09:20	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		07/25/22 08:52	07/25/22 19:20	1
Diesel Range Organics (Over C10-C28)	**55.1**	***+**	49.8		mg/Kg		07/25/22 08:52	07/25/22 19:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-3
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/25/22 08:52	07/25/22 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/25/22 08:52*	*07/25/22 19:20*	*1*
o-Terphenyl	*85*		*70 - 130*	*07/25/22 08:52*	*07/25/22 19:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			07/25/22 14:55	1

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

Lab Sample ID: 880-17280-4
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 13:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 13:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 13:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/22/22 14:57	07/25/22 13:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 13:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/22/22 14:57	07/25/22 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/22/22 14:57*	*07/25/22 13:59*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/22/22 14:57*	*07/25/22 13:59*	*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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 08:52	07/25/22 19:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		07/25/22 08:52	07/25/22 19:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 08:52	07/25/22 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*07/25/22 08:52*	*07/25/22 19:41*	*1*
o-Terphenyl	*83*		*70 - 130*	*07/25/22 08:52*	*07/25/22 19:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.0**		4.96		mg/Kg			07/25/22 15:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-5
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 14:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/22/22 14:57	07/25/22 14:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 14:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/22/22 14:57	07/25/22 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/22/22 14:57*	*07/25/22 14:25*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/22/22 14:57*	*07/25/22 14:25*	*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			07/25/22 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2620**		49.8		mg/Kg			07/26/22 09:20	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		07/25/22 08:52	07/25/22 20:02	1
Diesel Range Organics (Over C10-C28)	**1970**	***+**	49.8		mg/Kg		07/25/22 08:52	07/25/22 20:02	1
Oil Range Organics (Over C28-C36)	**645**		49.8		mg/Kg		07/25/22 08:52	07/25/22 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/25/22 08:52*	*07/25/22 20:02*	*1*
o-Terphenyl	*112*		*70 - 130*	*07/25/22 08:52*	*07/25/22 20:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8780**		49.5		mg/Kg			07/25/22 15:14	10

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17280-6
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 14:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 14:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 14:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 14:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 14:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/22/22 14:57*	*07/25/22 14:51*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/22/22 14:57*	*07/25/22 14:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17280-6
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 01:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 01:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*07/25/22 12:08*	*07/26/22 01:24*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/25/22 12:08*	*07/26/22 01:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9440**		49.7		mg/Kg			07/25/22 15:42	10

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-17280-7
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 15:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 15:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 15:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/22/22 14:57	07/25/22 15:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 15:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/22/22 14:57	07/25/22 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/22/22 14:57*	*07/25/22 15:17*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/22/22 14:57*	*07/25/22 15:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/25/22 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.1**		50.0		mg/Kg			07/26/22 09:20	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		07/25/22 12:08	07/26/22 01:45	1
Diesel Range Organics (Over C10-C28)	**71.1**		50.0		mg/Kg		07/25/22 12:08	07/26/22 01:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-17280-7
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*07/25/22 12:08*	*07/26/22 01:45*	*1*
o-Terphenyl	*109*		*70 - 130*	*07/25/22 12:08*	*07/26/22 01:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11000**		101		mg/Kg			07/25/22 15:51	20

Client Sample ID: S-1 (3.5')

Lab Sample ID: 880-17280-8
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 15:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/22/22 14:57	07/25/22 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 15:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/22/22 14:57	07/25/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/22/22 14:57*	*07/25/22 15:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/22/22 14:57*	*07/25/22 15:43*	*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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 02:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 02:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*07/25/22 12:08*	*07/26/22 02:27*	*1*
o-Terphenyl	*117*		*70 - 130*	*07/25/22 12:08*	*07/26/22 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13900**		100		mg/Kg			07/25/22 16:00	20

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-17280-9
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 16:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 16:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 16:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/22/22 14:57	07/25/22 16:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/22/22 14:57	07/25/22 16:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/22/22 14:57	07/25/22 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*07/22/22 14:57*	*07/25/22 16:09*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/22/22 14:57*	*07/25/22 16:09*	*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			07/25/22 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**85.7**		49.9		mg/Kg			07/26/22 09:20	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		07/25/22 12:08	07/26/22 02:48	1
Diesel Range Organics (Over C10-C28)	**85.7**		49.9		mg/Kg		07/25/22 12:08	07/26/22 02:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*07/25/22 12:08*	*07/26/22 02:48*	*1*
o-Terphenyl	*116*		*70 - 130*	*07/25/22 12:08*	*07/26/22 02:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13200**		99.8		mg/Kg			07/25/22 16:09	20

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

Lab Sample ID: 880-17280-10
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000400**		0.000399		mg/Kg		07/22/22 14:57	07/25/22 16:54	1
Toluene	**0.00122**		0.000399		mg/Kg		07/22/22 14:57	07/25/22 16:54	1
Ethylbenzene	**0.00167**		0.000399		mg/Kg		07/22/22 14:57	07/25/22 16:54	1
m-Xylene & p-Xylene	**0.00284**		0.000798		mg/Kg		07/22/22 14:57	07/25/22 16:54	1
o-Xylene	**0.00210**		0.000399		mg/Kg		07/22/22 14:57	07/25/22 16:54	1
Xylenes, Total	**0.00494**		0.000798		mg/Kg		07/22/22 14:57	07/25/22 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/22/22 14:57*	*07/25/22 16:54*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/22/22 14:57*	*07/25/22 16:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-10
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00823**		0.000798		mg/Kg			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 03:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 03:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*07/25/22 12:08*	*07/26/22 03:09*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/25/22 12:08*	*07/26/22 03:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20400**		251		mg/Kg			07/25/22 16:18	50

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17280-11
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00410**		0.00200		mg/Kg		07/26/22 09:25	07/26/22 16:50	1
Toluene	**0.0194**		0.00200		mg/Kg		07/26/22 09:25	07/26/22 16:50	1
Ethylbenzene	**0.00406**		0.00200		mg/Kg		07/26/22 09:25	07/26/22 16:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/26/22 09:25	07/26/22 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 09:25	07/26/22 16:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 09:25	07/26/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 09:25*	*07/26/22 16:50*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 09:25*	*07/26/22 16:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0276**		0.00399		mg/Kg			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 03:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 03:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17280-11
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/25/22 12:08*	*07/26/22 03:31*	*1*
o-Terphenyl	*106*		*70 - 130*	*07/25/22 12:08*	*07/26/22 03:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4830**	**F1**	50.0		mg/Kg			07/25/22 16:28	10

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-17280-12
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 19:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 19:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 19:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/22/22 14:57	07/25/22 19:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 19:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/22/22 14:57	07/25/22 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/22/22 14:57*	*07/25/22 19:10*	*1*
1,4-Difluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*07/22/22 14:57*	*07/25/22 19:10*	*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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 03:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 03:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*07/25/22 12:08*	*07/26/22 03:52*	*1*
o-Terphenyl	*101*		*70 - 130*	*07/25/22 12:08*	*07/26/22 03:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6280**		50.4		mg/Kg			07/25/22 16:55	10

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-2 (3.5')

Lab Sample ID: 880-17280-13
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 19:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 19:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 19:36	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/22/22 14:57	07/25/22 19:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 19:36	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/22/22 14:57	07/25/22 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/22/22 14:57*	*07/25/22 19:36*	*1*
1,4-Difluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*07/22/22 14:57*	*07/25/22 19:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/25/22 12:08*	*07/26/22 04:13*	*1*
o-Terphenyl	*113*		*70 - 130*	*07/25/22 12:08*	*07/26/22 04:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8100**		50.2		mg/Kg			07/25/22 17:05	10

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17280-14
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/26/22 10:29	07/27/22 18:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 10:29	07/27/22 18:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 10:29	07/27/22 18:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/26/22 10:29	07/27/22 18:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 10:29	07/27/22 18:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 10:29	07/27/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 10:29*	*07/27/22 18:38*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 10:29*	*07/27/22 18:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17280-14
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 04:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 04:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/25/22 12:08	07/26/22 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/25/22 12:08*	*07/26/22 04:34*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/25/22 12:08*	*07/26/22 04:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12000**		99.4		mg/Kg			07/25/22 17:32	20

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

Lab Sample ID: 880-17280-15
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 20:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 20:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 20:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/22/22 14:57	07/25/22 20:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/22/22 14:57	07/25/22 20:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/22/22 14:57	07/25/22 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/22/22 14:57*	*07/25/22 20:29*	*1*
1,4-Difluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*07/22/22 14:57*	*07/25/22 20:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 04:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/25/22 12:08	07/26/22 04:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-15

Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/25/22 12:08	07/26/22 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*07/25/22 12:08*	*07/26/22 04:55*	*1*
o-Terphenyl	*124*		*70 - 130*	*07/25/22 12:08*	*07/26/22 04:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13400**		99.6		mg/Kg			07/25/22 17:41	20

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-17280-16

Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 20:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 20:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 20:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/22/22 14:57	07/25/22 20:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/22/22 14:57	07/25/22 20:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/22/22 14:57	07/25/22 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/22/22 14:57*	*07/25/22 20:55*	*1*
1,4-Difluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*07/22/22 14:57*	*07/25/22 20:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 05:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 05:16	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/26/22 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*07/25/22 12:08*	*07/26/22 05:16*	*1*
o-Terphenyl	*119*		*70 - 130*	*07/25/22 12:08*	*07/26/22 05:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5370**		50.0		mg/Kg			07/25/22 17:51	10

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-17280-17
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 21:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 21:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 21:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 21:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 21:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/22/22 14:57*	*07/25/22 21:21*	*1*
1,4-Difluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*07/22/22 14:57*	*07/25/22 21:21*	*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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 12:08	07/26/22 05:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/25/22 12:08	07/26/22 05:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/25/22 12:08	07/26/22 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*07/25/22 12:08*	*07/26/22 05:37*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/25/22 12:08*	*07/26/22 05:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6950**		49.6		mg/Kg			07/25/22 18:00	10

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-17280-18
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 21:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 21:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 21:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/22/22 14:57	07/25/22 21:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/22/22 14:57	07/25/22 21:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/22/22 14:57	07/25/22 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/22/22 14:57*	*07/25/22 21:48*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*07/22/22 14:57*	*07/25/22 21:48*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-17280-18
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 16:23	07/26/22 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 16:23	07/26/22 10:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 16:23	07/26/22 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*07/25/22 16:23*	*07/26/22 10:50*	*1*
o-Terphenyl	*98*		*70 - 130*	*07/25/22 16:23*	*07/26/22 10:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11600**		100		mg/Kg			07/25/22 18:09	20

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-17280-19
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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		07/22/22 14:57	07/25/22 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 22:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 22:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/22/22 14:57	07/25/22 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/22/22 14:57*	*07/25/22 22:14*	*1*
1,4-Difluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*07/22/22 14:57*	*07/25/22 22:14*	*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			07/25/22 15:59	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			07/26/22 09:20	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		07/25/22 16:23	07/26/22 11:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/25/22 16:23	07/26/22 11:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-3 (4.5')
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Lab Sample ID: 880-17280-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/25/22 16:23	07/26/22 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*07/25/22 16:23*	*07/26/22 11:55*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/25/22 16:23*	*07/26/22 11:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13900**		101		mg/Kg			07/25/22 18:18	20

Surrogate Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-17132-A-4-F MS	Matrix Spike	103	95
880-17132-A-4-G MSD	Matrix Spike Duplicate	110	96
880-17280-1	H-1 (0-0.5')	108	86
880-17280-1 MS	H-1 (0-0.5')	97	110
880-17280-1 MSD	H-1 (0-0.5')	87	91
880-17280-2	H-2 (0-0.5')	107	93
880-17280-3	H-3 (0-0.5')	109	87
880-17280-4	H-4 (0-0.5')	121	89
880-17280-5	S-1 (0-1')	105	110
880-17280-6	S-1 (1.5')	109	99
880-17280-7	S-1 (2.5')	103	91
880-17280-8	S-1 (3.5')	113	101
880-17280-9	S-1 (4.5')	130	92
880-17280-10	S-2 (0-1')	101	95
880-17280-11	S-2 (1.5')	108	91
880-17280-12	S-2 (2.5')	96	164 S1+
880-17280-13	S-2 (3.5')	113	153 S1+
880-17280-14	S-2 (4.5')	97	100
880-17280-15	S-3 (0-1')	105	152 S1+
880-17280-16	S-3 (1.5')	106	143 S1+
880-17280-17	S-3 (2.5')	106	131 S1+
880-17280-18	S-3 (3.5')	97	83
880-17280-19	S-3 (4.5')	104	131 S1+
890-2602-A-3-D MS	Matrix Spike	99	99
890-2602-A-3-E MSD	Matrix Spike Duplicate	104	98
890-2603-A-1-D MS	Matrix Spike	103	85
890-2603-A-1-E MSD	Matrix Spike Duplicate	107	92
LCS 880-30425/1-A	Lab Control Sample	116	94
LCS 880-30562/1-A	Lab Control Sample	106	94
LCS 880-30664/1-A	Lab Control Sample	105	95
LCS 880-30665/1-A	Lab Control Sample	99	97
LCSD 880-30425/2-A	Lab Control Sample Dup	116	105
LCSD 880-30562/2-A	Lab Control Sample Dup	104	94
LCSD 880-30664/2-A	Lab Control Sample Dup	108	98
LCSD 880-30665/2-A	Lab Control Sample Dup	98	102
MB 880-30425/5-A	Method Blank	84	87
MB 880-30562/5-A	Method Blank	90	84
MB 880-30664/5-A	Method Blank	100	87
MB 880-30665/5-A	Method Blank	95	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Job ID: 880-17280-1
Project/Site: Ringo Fed Com 32 CTB
SDG: Lea Co, NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-17258-A-1-C MS	Matrix Spike	85	82
880-17258-A-1-D MSD	Matrix Spike Duplicate	85	83
880-17262-A-11-F MS	Matrix Spike	69 S1-	64 S1-
880-17262-A-11-G MSD	Matrix Spike Duplicate	81	75
880-17280-1	H-1 (0-0.5')	79	84
880-17280-2	H-2 (0-0.5')	78	82
880-17280-3	H-3 (0-0.5')	83	85
880-17280-4	H-4 (0-0.5')	79	83
880-17280-5	S-1 (0-1')	101	112
880-17280-6	S-1 (1.5')	106	118
880-17280-7	S-1 (2.5')	99	109
880-17280-8	S-1 (3.5')	106	117
880-17280-9	S-1 (4.5')	105	116
880-17280-10	S-2 (0-1')	109	120
880-17280-11	S-2 (1.5')	95	106
880-17280-12	S-2 (2.5')	90	101
880-17280-13	S-2 (3.5')	103	113
880-17280-14	S-2 (4.5')	93	104
880-17280-15	S-3 (0-1')	112	124
880-17280-16	S-3 (1.5')	109	119
880-17280-17	S-3 (2.5')	89	100
880-17280-18	S-3 (3.5')	88	98
880-17280-18 MS	S-3 (3.5')	88	94
880-17280-18 MSD	S-3 (3.5')	85	92
880-17280-19	S-3 (4.5')	107	118
LCS 880-30506/2-A	Lab Control Sample	110	111
LCS 880-30590/2-A	Lab Control Sample	98	95
LCS 880-30622/2-A	Lab Control Sample	102	114
LCSD 880-30506/3-A	Lab Control Sample Dup	122	126
LCSD 880-30590/3-A	Lab Control Sample Dup	95	95
LCSD 880-30622/3-A	Lab Control Sample Dup	91	104
MB 880-30506/1-A	Method Blank	94	111
MB 880-30590/1-A	Method Blank	99	113
MB 880-30622/1-A	Method Blank	98	110

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30425/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30498 — **Prep Batch: 30425**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 12:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/22/22 14:57	07/25/22 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/22/22 14:57	07/25/22 12:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/22/22 14:57	07/25/22 12:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*07/22/22 14:57*	*07/25/22 12:15*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/22/22 14:57*	*07/25/22 12:15*	*1*

Lab Sample ID: LCS 880-30425/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30498 — **Prep Batch: 30425**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09484		mg/Kg		95	70 - 130
Toluene	0.100	0.09452		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2059		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1155		mg/Kg		115	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-30425/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30498 — **Prep Batch: 30425**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09766		mg/Kg		98	70 - 130	3	35
Toluene	0.100	0.1016		mg/Kg		102	70 - 130	7	35
Ethylbenzene	0.100	0.09799		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2034		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1168		mg/Kg		117	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-17280-1 MS — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30498 — **Prep Batch: 30425**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1007		mg/Kg		100	70 - 130
Toluene	<0.00201	U	0.101	0.07512		mg/Kg		75	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-1 MS — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30498 — **Prep Batch: 30425**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.101	0.08030		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1621		mg/Kg		81	70 - 130
o-Xylene	<0.00201	U	0.101	0.09221		mg/Kg		92	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 880-17280-1 MSD — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30498 — **Prep Batch: 30425**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.08181		mg/Kg		82	70 - 130	21	35
Toluene	<0.00201	U	0.0998	0.07595		mg/Kg		76	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0998	0.08023		mg/Kg		80	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1631		mg/Kg		82	70 - 130	1	35
o-Xylene	<0.00201	U	0.0998	0.08516		mg/Kg		85	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 880-30562/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30657 — **Prep Batch: 30562**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 10:57	07/26/22 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 10:57	07/26/22 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 10:57	07/26/22 22:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/25/22 10:57	07/26/22 22:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 10:57	07/26/22 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 10:57	07/26/22 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/25/22 10:57*	*07/26/22 22:37*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*07/25/22 10:57*	*07/26/22 22:37*	*1*

Lab Sample ID: LCS 880-30562/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30657 — **Prep Batch: 30562**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09490		mg/Kg		95	70 - 130
Toluene	0.100	0.09745		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1000		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2002		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-30562/1-A
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30562

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1107		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-30562/2-A
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30562

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1003		mg/Kg		100	70 - 130	6	35
Toluene			0.100	0.1020		mg/Kg		102	70 - 130	5	35
Ethylbenzene			0.100	0.1039		mg/Kg		104	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2077		mg/Kg		104	70 - 130	4	35
o-Xylene			0.100	0.1145		mg/Kg		114	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-2603-A-1-D MS
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30562

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1 F2	0.101	0.03049	F1	mg/Kg		30	70 - 130		
Toluene	<0.00201	U F1 F2	0.101	0.03834	F1	mg/Kg		37	70 - 130		
Ethylbenzene	<0.00201	U F1 F2	0.101	0.01617	F1	mg/Kg		16	70 - 130		
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.202	0.08284	F1	mg/Kg		40	70 - 130		
o-Xylene	<0.00201	U F1 F2	0.101	0.04972	F1	mg/Kg		49	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 890-2603-A-1-E MSD
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30562

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	0.100	0.07677	F2	mg/Kg		77	70 - 130	86	35
Toluene	<0.00201	U F1 F2	0.100	0.08242	F2	mg/Kg		81	70 - 130	73	35
Ethylbenzene	<0.00201	U F1 F2	0.100	0.08472	F2	mg/Kg		85	70 - 130	136	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.1719	F2	mg/Kg		85	70 - 130	70	35
o-Xylene	<0.00201	U F1 F2	0.100	0.09434	F2	mg/Kg		94	70 - 130	62	35

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2603-A-1-E MSD
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30562

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-30664/5-A
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 09:25	07/26/22 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 09:25	07/26/22 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 09:25	07/26/22 12:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/26/22 09:25	07/26/22 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 09:25	07/26/22 12:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 09:25	07/26/22 12:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	07/26/22 09:25	07/26/22 12:01	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/26/22 09:25	07/26/22 12:01	1

Lab Sample ID: LCS 880-30664/1-A
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30664

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09358		mg/Kg		94	70 - 130		
Toluene			0.100	0.09382		mg/Kg		94	70 - 130		
Ethylbenzene			0.100	0.09803		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene			0.200	0.1983		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1073		mg/Kg		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-30664/2-A
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30664

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09765		mg/Kg		98	70 - 130	4	35
Toluene			0.100	0.09676		mg/Kg		97	70 - 130	3	35
Ethylbenzene			0.100	0.1016		mg/Kg		102	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2052		mg/Kg		103	70 - 130	3	35
o-Xylene			0.100	0.1117		mg/Kg		112	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-30664/2-A
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30664

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

Lab Sample ID: 880-17132-A-4-F MS
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30664

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.08215		mg/Kg		82	70 - 130		
Toluene	<0.00201	U	0.100	0.07761		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.07428		mg/Kg		74	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1476		mg/Kg		74	70 - 130		
o-Xylene	<0.00201	U	0.100	0.08083		mg/Kg		81	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-17132-A-4-G MSD
Matrix: Solid
Analysis Batch: 30657

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30664

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.08953		mg/Kg		90	70 - 130	9	35
Toluene	<0.00201	U	0.0998	0.08606		mg/Kg		85	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.0998	0.08275		mg/Kg		83	70 - 130	11	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1653		mg/Kg		83	70 - 130	11	35
o-Xylene	<0.00201	U	0.0998	0.09102		mg/Kg		91	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-30665/5-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30665

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 10:29	07/27/22 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/26/22 10:29	07/27/22 11:24	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/26/22 10:29	07/27/22 11:24	1

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-30665/1-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30665

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08575		mg/Kg		86	70 - 130		
Toluene			0.100	0.09899		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.08864		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene			0.200	0.1803		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.1065		mg/Kg		106	70 - 130		

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

Lab Sample ID: LCSD 880-30665/2-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30665

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09395		mg/Kg		94	70 - 130	9	35
Toluene			0.100	0.09339		mg/Kg		93	70 - 130	6	35
Ethylbenzene			0.100	0.08016		mg/Kg		80	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.1615		mg/Kg		81	70 - 130	11	35
o-Xylene			0.100	0.09544		mg/Kg		95	70 - 130	11	35

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

Lab Sample ID: 890-2602-A-3-D MS
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.101	0.08512		mg/Kg		85	70 - 130		
Toluene	<0.00199	U	0.101	0.09717		mg/Kg		97	70 - 130		
Ethylbenzene	<0.00199	U	0.101	0.08485		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1725		mg/Kg		85	70 - 130		
o-Xylene	<0.00199	U	0.101	0.1032		mg/Kg		103	70 - 130		

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

Lab Sample ID: 890-2602-A-3-E MSD
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30665

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.09277		mg/Kg		94	70 - 130	9	35
Toluene	<0.00199	U	0.0990	0.1048		mg/Kg		106	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.0990	0.09261		mg/Kg		94	70 - 130	9	35

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 890-2602-A-3-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30748 — **Prep Batch: 30665**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1883		mg/Kg		95	70 - 130	9	35
o-Xylene	<0.00199	U	0.0990	0.1121		mg/Kg		113	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-30506/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30514 — **Prep Batch: 30506**

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		07/25/22 08:52	07/25/22 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 08:52	07/25/22 11:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 08:52	07/25/22 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*07/25/22 08:52*	*07/25/22 11:08*	*1*
o-Terphenyl	*111*		*70 - 130*	*07/25/22 08:52*	*07/25/22 11:08*	*1*

Lab Sample ID: LCS 880-30506/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30514 — **Prep Batch: 30506**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1023		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1154		mg/Kg		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: LCSD 880-30506/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30514 — **Prep Batch: 30506**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1152		mg/Kg		115	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	1374	*+	mg/Kg		137	70 - 130	17	20

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-30506/3-A
Matrix: Solid
Analysis Batch: 30514

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30506

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: 880-17258-A-1-C MS
Matrix: Solid
Analysis Batch: 30514

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30506

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	1040		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *+	1000	867.9		mg/Kg		85	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 880-17258-A-1-D MSD
Matrix: Solid
Analysis Batch: 30514

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30506

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	1053		mg/Kg		103	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U *+	999	880.0		mg/Kg		86	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: MB 880-30590/1-A
Matrix: Solid
Analysis Batch: 30512

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30590

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		07/25/22 12:08	07/25/22 20:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/25/22 20:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 12:08	07/25/22 20:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	07/25/22 12:08	07/25/22 20:46	1
o-Terphenyl	113		70 - 130	07/25/22 12:08	07/25/22 20:46	1

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-30590/2-A
Matrix: Solid
Analysis Batch: 30512

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30590

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1137		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1051		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: LCSD 880-30590/3-A
Matrix: Solid
Analysis Batch: 30512

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30590

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1165		mg/Kg		116	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1008		mg/Kg		101	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 880-17262-A-11-F MS
Matrix: Solid
Analysis Batch: 30512

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30590

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	957.8		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	765.6		mg/Kg		74	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*69*	*S1-*	*70 - 130*
o-Terphenyl	*64*	*S1-*	*70 - 130*

Lab Sample ID: 880-17262-A-11-G MSD
Matrix: Solid
Analysis Batch: 30512

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30590

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	892.4		mg/Kg		87	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	920.8		mg/Kg		90	70 - 130	18	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17262-A-11-G MSD
Matrix: Solid
Analysis Batch: 30512

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30590

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	75		70 - 130

Lab Sample ID: MB 880-30622/1-A
Matrix: Solid
Analysis Batch: 30645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30622

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		07/25/22 16:23	07/26/22 09:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/25/22 16:23	07/26/22 09:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/25/22 16:23	07/26/22 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	07/25/22 16:23	07/26/22 09:44	1
o-Terphenyl	110		70 - 130	07/25/22 16:23	07/26/22 09:44	1

Lab Sample ID: LCS 880-30622/2-A
Matrix: Solid
Analysis Batch: 30645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30622

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	957.4		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	926.5		mg/Kg		93	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-30622/3-A
Matrix: Solid
Analysis Batch: 30645

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30622

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	988.4		mg/Kg		99	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	863.8		mg/Kg		86	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-18 MS — **Client Sample ID: S-3 (3.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30645 — **Prep Batch: 30622**

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	1163		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	789.8		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*88*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: 880-17280-18 MSD — **Client Sample ID: S-3 (3.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30645 — **Prep Batch: 30622**

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	1054		mg/Kg		106	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	773.5		mg/Kg		77	70 - 130	2	20

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30446/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/25/22 13:51	1

Lab Sample ID: LCS 880-30446/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	271.8		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-30446/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	273.1		mg/Kg		109	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-17280-1 MS — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	35.0	F1	253	331.7	F1	mg/Kg		118	90 - 110		

Lab Sample ID: 880-17280-1 MSD — **Client Sample ID: H-1 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	35.0	F1	253	323.8	F1	mg/Kg		114	90 - 110	2	20

Lab Sample ID: 880-17280-11 MS — **Client Sample ID: S-2 (1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4830	F1	2500	7812	F1	mg/Kg		119	90 - 110		

Lab Sample ID: 880-17280-11 MSD — **Client Sample ID: S-2 (1.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4830	F1	2500	7806	F1	mg/Kg		119	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 30425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17280-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-17280-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-17280-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-17280-5	S-1 (0-1')	Total/NA	Solid	5035	
880-17280-6	S-1 (1.5')	Total/NA	Solid	5035	
880-17280-7	S-1 (2.5')	Total/NA	Solid	5035	
880-17280-8	S-1 (3.5')	Total/NA	Solid	5035	
880-17280-9	S-1 (4.5')	Total/NA	Solid	5035	
880-17280-10	S-2 (0-1')	Total/NA	Solid	5035	
880-17280-12	S-2 (2.5')	Total/NA	Solid	5035	
880-17280-13	S-2 (3.5')	Total/NA	Solid	5035	
880-17280-15	S-3 (0-1')	Total/NA	Solid	5035	
880-17280-16	S-3 (1.5')	Total/NA	Solid	5035	
880-17280-17	S-3 (2.5')	Total/NA	Solid	5035	
880-17280-18	S-3 (3.5')	Total/NA	Solid	5035	
880-17280-19	S-3 (4.5')	Total/NA	Solid	5035	
MB 880-30425/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30425/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30425/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17280-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17280-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 30498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Total/NA	Solid	8021B	30425
880-17280-2	H-2 (0-0.5')	Total/NA	Solid	8021B	30425
880-17280-3	H-3 (0-0.5')	Total/NA	Solid	8021B	30425
880-17280-4	H-4 (0-0.5')	Total/NA	Solid	8021B	30425
880-17280-5	S-1 (0-1')	Total/NA	Solid	8021B	30425
880-17280-6	S-1 (1.5')	Total/NA	Solid	8021B	30425
880-17280-7	S-1 (2.5')	Total/NA	Solid	8021B	30425
880-17280-8	S-1 (3.5')	Total/NA	Solid	8021B	30425
880-17280-9	S-1 (4.5')	Total/NA	Solid	8021B	30425
880-17280-10	S-2 (0-1')	Total/NA	Solid	8021B	30425
880-17280-12	S-2 (2.5')	Total/NA	Solid	8021B	30425
880-17280-13	S-2 (3.5')	Total/NA	Solid	8021B	30425
880-17280-15	S-3 (0-1')	Total/NA	Solid	8021B	30425
880-17280-16	S-3 (1.5')	Total/NA	Solid	8021B	30425
880-17280-17	S-3 (2.5')	Total/NA	Solid	8021B	30425
880-17280-18	S-3 (3.5')	Total/NA	Solid	8021B	30425
880-17280-19	S-3 (4.5')	Total/NA	Solid	8021B	30425
MB 880-30425/5-A	Method Blank	Total/NA	Solid	8021B	30425
LCS 880-30425/1-A	Lab Control Sample	Total/NA	Solid	8021B	30425
LCSD 880-30425/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30425
880-17280-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	30425
880-17280-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	30425

Prep Batch: 30562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30562/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 30562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-30562/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30562/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2603-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-2603-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 30618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17280-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17280-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17280-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17280-5	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-17280-6	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-17280-7	S-1 (2.5')	Total/NA	Solid	Total BTEX	
880-17280-8	S-1 (3.5')	Total/NA	Solid	Total BTEX	
880-17280-9	S-1 (4.5')	Total/NA	Solid	Total BTEX	
880-17280-10	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-17280-11	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-17280-12	S-2 (2.5')	Total/NA	Solid	Total BTEX	
880-17280-13	S-2 (3.5')	Total/NA	Solid	Total BTEX	
880-17280-14	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-17280-15	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-17280-16	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-17280-17	S-3 (2.5')	Total/NA	Solid	Total BTEX	
880-17280-18	S-3 (3.5')	Total/NA	Solid	Total BTEX	
880-17280-19	S-3 (4.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 30657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-11	S-2 (1.5')	Total/NA	Solid	8021B	30664
MB 880-30562/5-A	Method Blank	Total/NA	Solid	8021B	30562
MB 880-30664/5-A	Method Blank	Total/NA	Solid	8021B	30664
LCS 880-30562/1-A	Lab Control Sample	Total/NA	Solid	8021B	30562
LCS 880-30664/1-A	Lab Control Sample	Total/NA	Solid	8021B	30664
LCSD 880-30562/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30562
LCSD 880-30664/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30664
880-17132-A-4-F MS	Matrix Spike	Total/NA	Solid	8021B	30664
880-17132-A-4-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30664
890-2603-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	30562
890-2603-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30562

Prep Batch: 30664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-11	S-2 (1.5')	Total/NA	Solid	5035	
MB 880-30664/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30664/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30664/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17132-A-4-F MS	Matrix Spike	Total/NA	Solid	5035	
880-17132-A-4-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 30665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-14	S-2 (4.5')	Total/NA	Solid	5035	
MB 880-30665/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30665/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30665/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2602-A-3-D MS	Matrix Spike	Total/NA	Solid	5035	
890-2602-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 30748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-14	S-2 (4.5')	Total/NA	Solid	8021B	30665
MB 880-30665/5-A	Method Blank	Total/NA	Solid	8021B	30665
LCS 880-30665/1-A	Lab Control Sample	Total/NA	Solid	8021B	30665
LCSD 880-30665/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30665
890-2602-A-3-D MS	Matrix Spike	Total/NA	Solid	8021B	30665
890-2602-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30665

GC Semi VOA

Prep Batch: 30506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17280-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17280-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17280-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17280-5	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-30506/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30506/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30506/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17258-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-17258-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-6	S-1 (1.5')	Total/NA	Solid	8015B NM	30590
880-17280-7	S-1 (2.5')	Total/NA	Solid	8015B NM	30590
880-17280-8	S-1 (3.5')	Total/NA	Solid	8015B NM	30590
880-17280-9	S-1 (4.5')	Total/NA	Solid	8015B NM	30590
880-17280-10	S-2 (0-1')	Total/NA	Solid	8015B NM	30590
880-17280-11	S-2 (1.5')	Total/NA	Solid	8015B NM	30590
880-17280-12	S-2 (2.5')	Total/NA	Solid	8015B NM	30590
880-17280-13	S-2 (3.5')	Total/NA	Solid	8015B NM	30590
880-17280-14	S-2 (4.5')	Total/NA	Solid	8015B NM	30590
880-17280-15	S-3 (0-1')	Total/NA	Solid	8015B NM	30590
880-17280-16	S-3 (1.5')	Total/NA	Solid	8015B NM	30590
880-17280-17	S-3 (2.5')	Total/NA	Solid	8015B NM	30590
MB 880-30590/1-A	Method Blank	Total/NA	Solid	8015B NM	30590
LCS 880-30590/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30590
LCSD 880-30590/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30590
880-17262-A-11-F MS	Matrix Spike	Total/NA	Solid	8015B NM	30590
880-17262-A-11-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	30590

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 30514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	30506
880-17280-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30506
880-17280-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	30506
880-17280-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	30506
880-17280-5	S-1 (0-1')	Total/NA	Solid	8015B NM	30506
MB 880-30506/1-A	Method Blank	Total/NA	Solid	8015B NM	30506
LCS 880-30506/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30506
LCSD 880-30506/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30506
880-17258-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	30506
880-17258-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	30506

Prep Batch: 30590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-6	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-17280-7	S-1 (2.5')	Total/NA	Solid	8015NM Prep	
880-17280-8	S-1 (3.5')	Total/NA	Solid	8015NM Prep	
880-17280-9	S-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-17280-10	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-17280-11	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-17280-12	S-2 (2.5')	Total/NA	Solid	8015NM Prep	
880-17280-13	S-2 (3.5')	Total/NA	Solid	8015NM Prep	
880-17280-14	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-17280-15	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-17280-16	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-17280-17	S-3 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-30590/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30590/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30590/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17262-A-11-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-17262-A-11-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 30622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-18	S-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-17280-19	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-30622/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30622/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17280-18 MS	S-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-17280-18 MSD	S-3 (3.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-18	S-3 (3.5')	Total/NA	Solid	8015B NM	30622
880-17280-19	S-3 (4.5')	Total/NA	Solid	8015B NM	30622
MB 880-30622/1-A	Method Blank	Total/NA	Solid	8015B NM	30622
LCS 880-30622/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30622
LCSD 880-30622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30622
880-17280-18 MS	S-3 (3.5')	Total/NA	Solid	8015B NM	30622
880-17280-18 MSD	S-3 (3.5')	Total/NA	Solid	8015B NM	30622

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 30662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-17280-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-17280-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-17280-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-17280-5	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-17280-6	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-17280-7	S-1 (2.5')	Total/NA	Solid	8015 NM	
880-17280-8	S-1 (3.5')	Total/NA	Solid	8015 NM	
880-17280-9	S-1 (4.5')	Total/NA	Solid	8015 NM	
880-17280-10	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-17280-11	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-17280-12	S-2 (2.5')	Total/NA	Solid	8015 NM	
880-17280-13	S-2 (3.5')	Total/NA	Solid	8015 NM	
880-17280-14	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-17280-15	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-17280-16	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-17280-17	S-3 (2.5')	Total/NA	Solid	8015 NM	
880-17280-18	S-3 (3.5')	Total/NA	Solid	8015 NM	
880-17280-19	S-3 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17280-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-17280-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-17280-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-17280-5	S-1 (0-1')	Soluble	Solid	DI Leach	
880-17280-6	S-1 (1.5')	Soluble	Solid	DI Leach	
880-17280-7	S-1 (2.5')	Soluble	Solid	DI Leach	
880-17280-8	S-1 (3.5')	Soluble	Solid	DI Leach	
880-17280-9	S-1 (4.5')	Soluble	Solid	DI Leach	
880-17280-10	S-2 (0-1')	Soluble	Solid	DI Leach	
880-17280-11	S-2 (1.5')	Soluble	Solid	DI Leach	
880-17280-12	S-2 (2.5')	Soluble	Solid	DI Leach	
880-17280-13	S-2 (3.5')	Soluble	Solid	DI Leach	
880-17280-14	S-2 (4.5')	Soluble	Solid	DI Leach	
880-17280-15	S-3 (0-1')	Soluble	Solid	DI Leach	
880-17280-16	S-3 (1.5')	Soluble	Solid	DI Leach	
880-17280-17	S-3 (2.5')	Soluble	Solid	DI Leach	
880-17280-18	S-3 (3.5')	Soluble	Solid	DI Leach	
880-17280-19	S-3 (4.5')	Soluble	Solid	DI Leach	
MB 880-30446/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30446/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30446/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17280-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17280-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17280-11 MS	S-2 (1.5')	Soluble	Solid	DI Leach	
880-17280-11 MSD	S-2 (1.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 30492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17280-1	H-1 (0-0.5')	Soluble	Solid	300.0	30446
880-17280-2	H-2 (0-0.5')	Soluble	Solid	300.0	30446
880-17280-3	H-3 (0-0.5')	Soluble	Solid	300.0	30446
880-17280-4	H-4 (0-0.5')	Soluble	Solid	300.0	30446
880-17280-5	S-1 (0-1')	Soluble	Solid	300.0	30446
880-17280-6	S-1 (1.5')	Soluble	Solid	300.0	30446
880-17280-7	S-1 (2.5')	Soluble	Solid	300.0	30446
880-17280-8	S-1 (3.5')	Soluble	Solid	300.0	30446
880-17280-9	S-1 (4.5')	Soluble	Solid	300.0	30446
880-17280-10	S-2 (0-1')	Soluble	Solid	300.0	30446
880-17280-11	S-2 (1.5')	Soluble	Solid	300.0	30446
880-17280-12	S-2 (2.5')	Soluble	Solid	300.0	30446
880-17280-13	S-2 (3.5')	Soluble	Solid	300.0	30446
880-17280-14	S-2 (4.5')	Soluble	Solid	300.0	30446
880-17280-15	S-3 (0-1')	Soluble	Solid	300.0	30446
880-17280-16	S-3 (1.5')	Soluble	Solid	300.0	30446
880-17280-17	S-3 (2.5')	Soluble	Solid	300.0	30446
880-17280-18	S-3 (3.5')	Soluble	Solid	300.0	30446
880-17280-19	S-3 (4.5')	Soluble	Solid	300.0	30446
MB 880-30446/1-A	Method Blank	Soluble	Solid	300.0	30446
LCS 880-30446/2-A	Lab Control Sample	Soluble	Solid	300.0	30446
LCSD 880-30446/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30446
880-17280-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	30446
880-17280-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	30446
880-17280-11 MS	S-2 (1.5')	Soluble	Solid	300.0	30446
880-17280-11 MSD	S-2 (1.5')	Soluble	Solid	300.0	30446

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-1
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 12:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30506	07/25/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30514	07/25/22 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		1			30492	07/25/22 14:19	CH	XEN MID

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

Lab Sample ID: 880-17280-2
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 13:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30506	07/25/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30514	07/25/22 18:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		1			30492	07/25/22 14:46	CH	XEN MID

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

Lab Sample ID: 880-17280-3
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 13:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30506	07/25/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30514	07/25/22 19:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		1			30492	07/25/22 14:55	CH	XEN MID

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

Lab Sample ID: 880-17280-4
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 13:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-17280-4
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30506	07/25/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30514	07/25/22 19:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		1			30492	07/25/22 15:05	CH	XEN MID

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

Lab Sample ID: 880-17280-5
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 14:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30506	07/25/22 08:52	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30514	07/25/22 20:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 15:14	CH	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17280-6
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 14:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 01:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 15:42	CH	XEN MID

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-17280-7
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 15:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 01:45	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-17280-7
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 15:51	CH	XEN MID

Client Sample ID: S-1 (3.5')

Lab Sample ID: 880-17280-8
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 15:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 16:00	CH	XEN MID

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-17280-9
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 16:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 02:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 16:09	CH	XEN MID

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

Lab Sample ID: 880-17280-10
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	1.0 mL	30498	07/25/22 16:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 03:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		50			30492	07/25/22 16:18	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17280-11
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30664	07/26/22 09:25	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30657	07/26/22 16:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 03:31	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 16:28	CH	XEN MID

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-17280-12
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 19:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 03:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 16:55	CH	XEN MID

Client Sample ID: S-2 (3.5')

Lab Sample ID: 880-17280-13
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 19:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 04:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 17:05	CH	XEN MID

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17280-14
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30665	07/26/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30748	07/27/22 18:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17280-14
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 04:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 17:32	CH	XEN MID

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

Lab Sample ID: 880-17280-15
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 20:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 04:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 17:41	CH	XEN MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-17280-16
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 20:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 05:16	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 17:51	CH	XEN MID

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-17280-17
Date Collected: 07/21/22 00:00
Matrix: Solid
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 21:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30590	07/25/22 12:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30512	07/26/22 05:37	AJ	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-17280-17
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		10			30492	07/25/22 18:00	CH	XEN MID

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-17280-18
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 21:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30622	07/25/22 16:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30645	07/26/22 10:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 18:09	CH	XEN MID

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-17280-19
Matrix: Solid
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 14:00

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	30425	07/22/22 14:57	MR	XEN MID
Total/NA	Analysis	8021B		1			30498	07/25/22 22:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30618	07/25/22 15:59	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30662	07/26/22 09:20	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30622	07/25/22 16:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30645	07/26/22 11:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30446	07/22/22 16:35	SMC	XEN MID
Soluble	Analysis	300.0		20			30492	07/25/22 18:18	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: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
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: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
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: Ringo Fed Com 32 CTB

Job ID: 880-17280-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17280-1	H-1 (0-0.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-2	H-2 (0-0.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-3	H-3 (0-0.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-4	H-4 (0-0.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-5	S-1 (0-1')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-6	S-1 (1.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-7	S-1 (2.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-8	S-1 (3.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-9	S-1 (4.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-10	S-2 (0-1')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-11	S-2 (1.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-12	S-2 (2.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-13	S-2 (3.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-14	S-2 (4.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-15	S-3 (0-1')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-16	S-3 (1.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-17	S-3 (2.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-18	S-3 (3.5')	Solid	07/21/22 00:00	07/22/22 14:00
880-17280-19	S-3 (4.5')	Solid	07/21/22 00:00	07/22/22 14:00

Work Order No: 17280

Project Manager	Ashton Thielke	Bill to. (If different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name.	COG
Address:	310 W Wall St Ste 415	Address.	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving,NM 88256
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Ringo Fed Com 32 CTB	Turn Around	
Project Number	1102	☐ Routine ☑ Rush	
Project Location	Lea Co, NM	Due Date	72 hr
Sampler's Name.	AT	TAT starts the day received by the lab if received by 4 30pm	
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	+.2
Sample Custody Seals	Yes No N/A	Temperature Reading	1.3
Total Containers		Corrected Temperature	1.5

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	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
H-1 (0-0 5')	7/21/2022		X		Grab/	1		X	X	X		
H-2 (0-0 5')	7/21/2022		X		Grab/	1		X	X	X		
H-3 (0-0 5')	7/21/2022		X		Grab/	1		X	X	X		
H-4 (0-0 5')	7/21/2022		X		Grab/	1		X	X	X		
S-1 (0-1')	7/21/2022		X		Grab/	1		X	X	X		
S-1 (1 5')	7/21/2022		X		Grab/	1		X	X	X		
S-1 (2 5')	7/21/2022		X		Grab/	1		X	X	X		
S-1 (3 5)	7/21/2022		X		Grab/	1		X	X	X		
S-1 (4 5')	7/21/2022		X		Grab/	1		X	X	X		
S-2 (0-1')	7/21/2022		X		Grab/	1		X	X	X		

880-17280 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	7/22/22 1400		

Work Order No: 17280

Project Manager	Ashton Thielke	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address.	310 W Wall St Ste 415	Address.	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving,NM 88256
Phone	432-813-6823	Email	jacqui harris@conocophillips.com

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name.	Ringo Fed Com 32 CTB	**Turn Around**			
Project Number	1102	☐ Routine	☑ Rush		
Project Location	Lea Co, NM	Due Date	72 hr		
Sampler's Name.	AT	TAT starts the day received by the lab if received by 4 30pm			
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	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0											HOLD
S-2 (1 5')	7/21/2022		X		Grab/	1			X	X	X											
S-2 (2 5')	7/21/2022		X		Grab/	1			X	X	X											
S-2 (3 5')	7/21/2022		X		Grab/	1			X	X	X											
S-2 (4 5')	7/21/2022		X		Grab/	1			X	X	X											
S-3 (0-1')	7/21/2022		X		Grab/	1			X	X	X											
S-3 (1 5')	7/21/2022		X		Grab/	1			X	X	X											
S-3 (2 5')	7/21/2022		X		Grab/	1			X	X	X											
S-3 (3 5')	7/21/2022		X		Grab/	1			X	X	X											
S-3 (4 5')	7/21/2022		X		Grab/	1			X	X	X											

Loc: 880
17280

Preservative Codes

None NO	DI Water H_2O
Cool Cool	MeOH Me
HCL HC	HNO_3. HN
H_2SO_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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	7/22/22 1400		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17280-1
SDG Number: Lea Co, NM

Login Number: 17280
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	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18779-1
Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Ringo Fed Com 32 CTB

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

Attn: Conner Moehring

JKramer

Authorized for release by:
9/6/2022 1:18:01 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.

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Laboratory Job ID: 880-18779-1
SDG: Lea Co, NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Job ID: 880-18779-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-18779-1

Receipt
The samples were received on 9/1/2022 3:41 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33571 and analytical batch 880-33586 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.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-33567/2-A) and (LCSD 880-33567/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-2 (6.5') (880-18779-11) and SW-3 (6.5') (880-18779-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-5 (7') (880-18779-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-10 (6.5') (880-18779-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-33567 and analytical batch 880-33499 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
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: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (6.5')

Lab Sample ID: 880-18779-1
Date Collected: 09/01/22 00:00
Matrix: Solid
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		09/01/22 16:43	09/02/22 21:32	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		09/01/22 16:43	09/02/22 21:32	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		09/01/22 16:43	09/02/22 21:32	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		09/01/22 16:43	09/02/22 21:32	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/02/22 21:32	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		09/01/22 16:43	09/02/22 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/01/22 16:43*	*09/02/22 21:32*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*09/01/22 16:43*	*09/02/22 21:32*	*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			09/06/22 14:11	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			09/02/22 11:26	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 F1	49.9		mg/Kg		09/01/22 16:03	09/01/22 19:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 19:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*09/01/22 16:03*	*09/01/22 19:57*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/01/22 16:03*	*09/01/22 19:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.97**		4.96		mg/Kg			09/02/22 14:46	1

Client Sample ID: CS-2 (6.5')

Lab Sample ID: 880-18779-2
Date Collected: 09/01/22 00:00
Matrix: Solid
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/02/22 21:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/01/22 16:43	09/02/22 21:52	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/01/22 16:43	09/02/22 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/01/22 16:43*	*09/02/22 21:52*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/01/22 16:43*	*09/02/22 21:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (6.5')

Lab Sample ID: 880-18779-2
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 21:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 21:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/01/22 16:03*	*09/01/22 21:00*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/01/22 16:03*	*09/01/22 21:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.14**		5.00		mg/Kg			09/02/22 15:13	1

Client Sample ID: CS-3 (6.5')

Lab Sample ID: 880-18779-3
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/01/22 16:43	09/02/22 22:13	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/01/22 16:43	09/02/22 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/01/22 16:43*	*09/02/22 22:13*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/01/22 16:43*	*09/02/22 22:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 21:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 21:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (6.5')

Lab Sample ID: 880-18779-3
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*09/01/22 16:03*	*09/01/22 21:21*	*1*
o-Terphenyl	*122*		*70 - 130*	*09/01/22 16:03*	*09/01/22 21:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.19**		4.99		mg/Kg			09/02/22 15:20	1

Client Sample ID: CS-4 (6.5')

Lab Sample ID: 880-18779-4
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/01/22 16:43	09/02/22 22:33	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		09/01/22 16:43	09/02/22 22:33	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/01/22 16:43	09/02/22 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/01/22 16:43*	*09/02/22 22:33*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/01/22 16:43*	*09/02/22 22:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 21:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 21:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*09/01/22 16:03*	*09/01/22 21:42*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/01/22 16:03*	*09/01/22 21:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.3**		5.05		mg/Kg			09/02/22 15:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-5 (7')

Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Lab Sample ID: 880-18779-5
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		09/01/22 16:43	09/02/22 22:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/02/22 22:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/02/22 22:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/02/22 22:54	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/02/22 22:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/02/22 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/01/22 16:43*	*09/02/22 22:54*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/01/22 16:43*	*09/02/22 22:54*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 22:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 22:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*09/01/22 16:03*	*09/01/22 22:04*	*1*
o-Terphenyl	*120*		*70 - 130*	*09/01/22 16:03*	*09/01/22 22:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		4.99		mg/Kg			09/02/22 15:35	1

Client Sample ID: CS-6 (7')

Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Lab Sample ID: 880-18779-6
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		09/01/22 16:43	09/02/22 23:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/01/22 16:43	09/02/22 23:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/01/22 16:43	09/02/22 23:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/01/22 16:43	09/02/22 23:14	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		09/01/22 16:43	09/02/22 23:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/01/22 16:43	09/02/22 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/01/22 16:43*	*09/02/22 23:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/01/22 16:43*	*09/02/22 23:14*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (7')

Lab Sample ID: 880-18779-6
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 22:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 22:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*09/01/22 16:03*	*09/01/22 22:25*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/01/22 16:03*	*09/01/22 22:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.78**		5.00		mg/Kg			09/02/22 15:56	1

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-18779-7
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/02/22 23:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/02/22 23:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/02/22 23:35	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/01/22 16:43	09/02/22 23:35	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		09/01/22 16:43	09/02/22 23:35	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/01/22 16:43	09/02/22 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/01/22 16:43*	*09/02/22 23:35*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/01/22 16:43*	*09/02/22 23:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 22:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 22:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-18779-7
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*09/01/22 16:03*	*09/01/22 22:46*	*1*
o-Terphenyl	*105*		*70 - 130*	*09/01/22 16:03*	*09/01/22 22:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.2**		4.96		mg/Kg			09/02/22 16:03	1

Client Sample ID: CS-8 (7')

Lab Sample ID: 880-18779-8
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/02/22 23:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/02/22 23:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/02/22 23:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/02/22 23:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/02/22 23:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/02/22 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/01/22 16:43*	*09/02/22 23:55*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/01/22 16:43*	*09/02/22 23:55*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 23:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/01/22 16:03	09/01/22 23:07	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/01/22 16:03	09/01/22 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/01/22 23:07*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/01/22 23:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.19**		4.97		mg/Kg			09/02/22 16:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-9 (7')

Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Lab Sample ID: 880-18779-9
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		09/01/22 16:43	09/03/22 00:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/03/22 00:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/03/22 00:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/01/22 16:43	09/03/22 00:16	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		09/01/22 16:43	09/03/22 00:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/01/22 16:43	09/03/22 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/01/22 16:43*	*09/03/22 00:16*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/01/22 16:43*	*09/03/22 00:16*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 23:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 23:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/01/22 16:03*	*09/01/22 23:28*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/01/22 16:03*	*09/01/22 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.9**		4.97		mg/Kg			09/02/22 16:18	1

Client Sample ID: SW-1 (6.5')

Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Lab Sample ID: 880-18779-10
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		09/01/22 16:43	09/03/22 00:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/03/22 00:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/03/22 00:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/01/22 16:43	09/03/22 00:36	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		09/01/22 16:43	09/03/22 00:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/01/22 16:43	09/03/22 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/01/22 16:43*	*09/03/22 00:36*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*09/01/22 16:43*	*09/03/22 00:36*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-1 (6.5')

Lab Sample ID: 880-18779-10
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/01/22 23:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 23:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/01/22 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/01/22 16:03*	*09/01/22 23:49*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/01/22 16:03*	*09/01/22 23:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		5.03		mg/Kg			09/02/22 16:25	1

Client Sample ID: SW-2 (6.5')

Lab Sample ID: 880-18779-11
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 01:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 01:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 01:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 01:58	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/03/22 01:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/01/22 16:43*	*09/03/22 01:58*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/01/22 16:43*	*09/03/22 01:58*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 00:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/01/22 16:03	09/02/22 00:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (6.5')

Lab Sample ID: 880-18779-11
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/01/22 16:03	09/02/22 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 00:32*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 00:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**		5.04		mg/Kg			09/02/22 16:32	1

Client Sample ID: SW-3 (6.5')

Lab Sample ID: 880-18779-12
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0131**		0.00201		mg/Kg		09/01/22 16:43	09/03/22 02:19	1
Toluene	**0.0364**		0.00201		mg/Kg		09/01/22 16:43	09/03/22 02:19	1
Ethylbenzene	**0.00474**		0.00201		mg/Kg		09/01/22 16:43	09/03/22 02:19	1
m-Xylene & p-Xylene	**0.0294**		0.00402		mg/Kg		09/01/22 16:43	09/03/22 02:19	1
o-Xylene	**0.0857**	*+	0.00201		mg/Kg		09/01/22 16:43	09/03/22 02:19	1
Xylenes, Total	**0.115**		0.00402		mg/Kg		09/01/22 16:43	09/03/22 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*214*	*S1+*	*70 - 130*	*09/01/22 16:43*	*09/03/22 02:19*	*1*
1,4-Difluorobenzene (Surr)	*184*	*S1+*	*70 - 130*	*09/01/22 16:43*	*09/03/22 02:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.169**		0.00402		mg/Kg			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 00:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/02/22 00:53	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/02/22 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 00:53*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 00:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.49**		4.97		mg/Kg			09/02/22 16:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-4 (6.5')

Lab Sample ID: 880-18779-13
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/03/22 02:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/03/22 02:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/03/22 02:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/01/22 16:43	09/03/22 02:39	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		09/01/22 16:43	09/03/22 02:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/01/22 16:43	09/03/22 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*09/01/22 16:43*	*09/03/22 02:39*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/01/22 16:43*	*09/03/22 02:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 01:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 01:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/01/22 16:03*	*09/02/22 01:14*	*1*
o-Terphenyl	*121*		*70 - 130*	*09/01/22 16:03*	*09/02/22 01:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.8**		4.99		mg/Kg			09/02/22 17:01	1

Client Sample ID: SW-5 (7')

Lab Sample ID: 880-18779-14
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 03:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 03:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 03:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 03:00	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/03/22 03:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/01/22 16:43*	*09/03/22 03:00*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/01/22 16:43*	*09/03/22 03:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-5 (7')

Lab Sample ID: 880-18779-14
Date Collected: 09/01/22 00:00
Matrix: Solid
Date Received: 09/01/22 15:41

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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 01:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 01:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 01:35*	*1*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 01:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.51**		5.05		mg/Kg			09/02/22 17:22	1

Client Sample ID: SW-6 (7')

Lab Sample ID: 880-18779-15
Date Collected: 09/01/22 00:00
Matrix: Solid
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 03:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 03:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 03:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 03:20	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/03/22 03:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/01/22 16:43*	*09/03/22 03:20*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/01/22 16:43*	*09/03/22 03:20*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 01:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/02/22 01:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-6 (7')

Lab Sample ID: 880-18779-15
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/02/22 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*09/01/22 16:03*	*09/02/22 01:56*	*1*
o-Terphenyl	*120*		*70 - 130*	*09/01/22 16:03*	*09/02/22 01:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.1**		4.99		mg/Kg			09/02/22 17:29	1

Client Sample ID: SW-7 (7')

Lab Sample ID: 880-18779-16
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/03/22 03:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/03/22 03:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/01/22 16:43	09/03/22 03:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/01/22 16:43	09/03/22 03:41	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		09/01/22 16:43	09/03/22 03:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/01/22 16:43	09/03/22 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/01/22 16:43*	*09/03/22 03:41*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*09/01/22 16:43*	*09/03/22 03:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 02:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 02:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/01/22 16:03*	*09/02/22 02:18*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/01/22 16:03*	*09/02/22 02:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.41**		4.95		mg/Kg			09/02/22 17:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-8 (7')

Lab Sample ID: 880-18779-17
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 04:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/03/22 04:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/03/22 04:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/01/22 16:43	09/03/22 04:01	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		09/01/22 16:43	09/03/22 04:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/01/22 16:43	09/03/22 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*09/01/22 16:43*	*09/03/22 04:01*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/01/22 16:43*	*09/03/22 04:01*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 02:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 02:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*09/01/22 16:03*	*09/02/22 02:39*	*1*
o-Terphenyl	*128*		*70 - 130*	*09/01/22 16:03*	*09/02/22 02:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.3**		4.97		mg/Kg			09/02/22 17:43	1

Client Sample ID: SW-9 (7')

Lab Sample ID: 880-18779-18
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 04:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 04:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 04:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 04:22	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/03/22 04:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/01/22 16:43*	*09/03/22 04:22*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/01/22 16:43*	*09/03/22 04:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-9 (7')

Lab Sample ID: 880-18779-18
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 03:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/01/22 16:03	09/02/22 03:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/01/22 16:03	09/02/22 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*09/01/22 16:03*	*09/02/22 03:00*	*1*
o-Terphenyl	*119*		*70 - 130*	*09/01/22 16:03*	*09/02/22 03:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		4.96		mg/Kg			09/02/22 17:51	1

Client Sample ID: SW-10 (6.5')

Lab Sample ID: 880-18779-19
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 04:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 04:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/01/22 16:43	09/03/22 04:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 04:42	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		09/01/22 16:43	09/03/22 04:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/01/22 16:43	09/03/22 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/01/22 16:43*	*09/03/22 04:42*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*09/01/22 16:43*	*09/03/22 04:42*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 03:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/02/22 03:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-10 (6.5')

Lab Sample ID: 880-18779-19
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/02/22 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 03:21*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*09/01/22 16:03*	*09/02/22 03:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.0**		5.00		mg/Kg			09/02/22 17:58	1

Client Sample ID: SW-11 (0.5')

Lab Sample ID: 880-18779-20
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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		09/01/22 16:43	09/03/22 05:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/01/22 16:43	09/03/22 05:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/01/22 16:43	09/03/22 05:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/01/22 16:43	09/03/22 05:03	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		09/01/22 16:43	09/03/22 05:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/01/22 16:43	09/03/22 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/01/22 16:43*	*09/03/22 05:03*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/01/22 16:43*	*09/03/22 05:03*	*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			09/06/22 14:11	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			09/02/22 11:26	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		09/01/22 16:03	09/02/22 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 03:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/01/22 16:03	09/02/22 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*09/01/22 16:03*	*09/02/22 03:43*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/01/22 16:03*	*09/02/22 03:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.2**		4.98		mg/Kg			09/02/22 18:05	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-18779-1	CS-1 (6.5')	101	79
880-18779-1 MS	CS-1 (6.5')	134 S1+	122
880-18779-1 MSD	CS-1 (6.5')	106	89
880-18779-2	CS-2 (6.5')	93	88
880-18779-3	CS-3 (6.5')	109	87
880-18779-4	CS-4 (6.5')	94	103
880-18779-5	CS-5 (7')	113	88
880-18779-6	CS-6 (7')	90	95
880-18779-7	CS-7 (7')	117	95
880-18779-8	CS-8 (7')	104	100
880-18779-9	CS-9 (7')	92	105
880-18779-10	SW-1 (6.5')	84	104
880-18779-11	SW-2 (6.5')	113	94
880-18779-12	SW-3 (6.5')	214 S1+	184 S1+
880-18779-13	SW-4 (6.5')	115	86
880-18779-14	SW-5 (7')	117	95
880-18779-15	SW-6 (7')	121	91
880-18779-16	SW-7 (7')	97	77
880-18779-17	SW-8 (7')	114	88
880-18779-18	SW-9 (7')	105	98
880-18779-19	SW-10 (6.5')	101	80
880-18779-20	SW-11 (0.5')	117	88
LCS 880-33571/1-A	Lab Control Sample	129	84
LCSD 880-33571/2-A	Lab Control Sample Dup	140 S1+	103
MB 880-33193/5-A	Method Blank	101	86
MB 880-33571/5-A	Method Blank	107	86

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**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-18779-1	CS-1 (6.5')	109	111
880-18779-1 MS	CS-1 (6.5')	100	89
880-18779-1 MSD	CS-1 (6.5')	101	90
880-18779-2	CS-2 (6.5')	107	109
880-18779-3	CS-3 (6.5')	121	122
880-18779-4	CS-4 (6.5')	108	109
880-18779-5	CS-5 (7')	123	120
880-18779-6	CS-6 (7')	106	106
880-18779-7	CS-7 (7')	107	105
880-18779-8	CS-8 (7')	140 S1+	137 S1+
880-18779-9	CS-9 (7')	110	111
880-18779-10	SW-1 (6.5')	115	114
880-18779-11	SW-2 (6.5')	131 S1+	131 S1+

Surrogate Summary

Client: Carmona Resources
Job ID: 880-18779-1
Project/Site: Ringo Fed Com 32 CTB
SDG: Lea Co, NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-18779-12	SW-3 (6.5')	133 S1+	131 S1+										
880-18779-13	SW-4 (6.5')	122	121										
880-18779-14	SW-5 (7')	140 S1+	139 S1+										
880-18779-15	SW-6 (7')	121	120										
880-18779-16	SW-7 (7')	119	118										
880-18779-17	SW-8 (7')	129	128										
880-18779-18	SW-9 (7')	121	119										
880-18779-19	SW-10 (6.5')	135 S1+	133 S1+										
880-18779-20	SW-11 (0.5')	113	114										
LCS 880-33567/2-A	Lab Control Sample	165 S1+	160 S1+										
LCSD 880-33567/3-A	Lab Control Sample Dup	150 S1+	147 S1+										
MB 880-33567/1-A	Method Blank	119	119										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-33193/5-A
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33193

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/29/22 11:04	09/02/22 10:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/29/22 11:04	09/02/22 10:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/29/22 11:04	09/02/22 10:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/29/22 11:04	09/02/22 10:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/29/22 11:04	09/02/22 10:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/29/22 11:04	09/02/22 10:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/29/22 11:04*	*09/02/22 10:36*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*08/29/22 11:04*	*09/02/22 10:36*	*1*

Lab Sample ID: MB 880-33571/5-A
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33571

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/01/22 16:43	09/02/22 21:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/01/22 16:43	09/02/22 21:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/01/22 16:43	09/02/22 21:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/01/22 16:43*	*09/02/22 21:10*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/01/22 16:43*	*09/02/22 21:10*	*1*

Lab Sample ID: LCS 880-33571/1-A
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33571

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08126		mg/Kg		81	70 - 130		
Toluene			0.100	0.09498		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.1079		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2202		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1266		mg/Kg		127	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: LCSD 880-33571/2-A
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 33571

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09716		mg/Kg		97	70 - 130	18	35

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-33571/2-A
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 33571

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09474		mg/Kg		95	70 - 130	0	35
Ethylbenzene			0.100	0.1080		mg/Kg		108	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.2359		mg/Kg		118	70 - 130	7	35
o-Xylene			0.100	0.1364	*+	mg/Kg		136	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-18779-1 MS
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: CS-1 (6.5')
Prep Type: Total/NA
Prep Batch: 33571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.0998	0.06374	F1	mg/Kg		64	70 - 130
Toluene	<0.00199	U F1	0.0998	0.06692	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00199	U F1	0.0998	0.08725		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1655		mg/Kg		83	70 - 130
o-Xylene	<0.00199	U *+	0.0998	0.1052		mg/Kg		105	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*

Lab Sample ID: 880-18779-1 MSD
Matrix: Solid
Analysis Batch: 33586

Client Sample ID: CS-1 (6.5')
Prep Type: Total/NA
Prep Batch: 33571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.05230	F1	mg/Kg		52	70 - 130	20	35
Toluene	<0.00199	U F1	0.100	0.05829	F1	mg/Kg		58	70 - 130	14	35
Ethylbenzene	<0.00199	U F1	0.100	0.06779	F1	mg/Kg		68	70 - 130	25	35
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.1289	F1	mg/Kg		64	70 - 130	25	35
o-Xylene	<0.00199	U *+	0.100	0.07396		mg/Kg		74	70 - 130	35	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

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

Lab Sample ID: MB 880-33567/1-A
Matrix: Solid
Analysis Batch: 33499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33567

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		09/01/22 16:03	09/01/22 18:54	1

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-33567/1-A
Matrix: Solid
Analysis Batch: 33499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 33567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 18:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/01/22 16:03	09/01/22 18:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/01/22 16:03*	*09/01/22 18:54*	*1*
o-Terphenyl	*119*		*70 - 130*	*09/01/22 16:03*	*09/01/22 18:54*	*1*

Lab Sample ID: LCS 880-33567/2-A
Matrix: Solid
Analysis Batch: 33499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 33567

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	979.8		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1041		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*165*	*S1+*	*70 - 130*
o-Terphenyl	*160*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-33567/3-A
Matrix: Solid
Analysis Batch: 33499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 33567

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	817.8		mg/Kg		82	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	951.1		mg/Kg		95	70 - 130	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*150*	*S1+*	*70 - 130*
o-Terphenyl	*147*	*S1+*	*70 - 130*

Lab Sample ID: 880-18779-1 MS
Matrix: Solid
Analysis Batch: 33499

Client Sample ID: CS-1 (6.5')
Prep Type: Total/NA
Prep Batch: 33567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	689.1	F1	mg/Kg		67	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	952.0		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-18779-1 MSD — **Client Sample ID: CS-1 (6.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 33499 — **Prep Batch: 33567**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	659.2	F1	mg/Kg		64	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	967.6		mg/Kg		95	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*
o-Terphenyl	*90*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-33566/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 33603

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/02/22 11:55	1

Lab Sample ID: LCS 880-33566/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 33603

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.1		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-33566/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 33603

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.0		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-18779-1 MS — **Client Sample ID: CS-1 (6.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 33603

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.97		248	269.3		mg/Kg		105	90 - 110

Lab Sample ID: 880-18779-1 MSD — **Client Sample ID: CS-1 (6.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 33603

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.97		248	272.1		mg/Kg		106	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18779-11 MS
Matrix: Solid
Analysis Batch: 33603

Client Sample ID: SW-2 (6.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.0		252	269.3		mg/Kg		102	90 - 110

Lab Sample ID: 880-18779-11 MSD
Matrix: Solid
Analysis Batch: 33603

Client Sample ID: SW-2 (6.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.0		252	269.7		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 33193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-33193/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 33571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Total/NA	Solid	5035	
880-18779-2	CS-2 (6.5')	Total/NA	Solid	5035	
880-18779-3	CS-3 (6.5')	Total/NA	Solid	5035	
880-18779-4	CS-4 (6.5')	Total/NA	Solid	5035	
880-18779-5	CS-5 (7')	Total/NA	Solid	5035	
880-18779-6	CS-6 (7')	Total/NA	Solid	5035	
880-18779-7	CS-7 (7')	Total/NA	Solid	5035	
880-18779-8	CS-8 (7')	Total/NA	Solid	5035	
880-18779-9	CS-9 (7')	Total/NA	Solid	5035	
880-18779-10	SW-1 (6.5')	Total/NA	Solid	5035	
880-18779-11	SW-2 (6.5')	Total/NA	Solid	5035	
880-18779-12	SW-3 (6.5')	Total/NA	Solid	5035	
880-18779-13	SW-4 (6.5')	Total/NA	Solid	5035	
880-18779-14	SW-5 (7')	Total/NA	Solid	5035	
880-18779-15	SW-6 (7')	Total/NA	Solid	5035	
880-18779-16	SW-7 (7')	Total/NA	Solid	5035	
880-18779-17	SW-8 (7')	Total/NA	Solid	5035	
880-18779-18	SW-9 (7')	Total/NA	Solid	5035	
880-18779-19	SW-10 (6.5')	Total/NA	Solid	5035	
880-18779-20	SW-11 (0.5')	Total/NA	Solid	5035	
MB 880-33571/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-33571/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-33571/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18779-1 MS	CS-1 (6.5')	Total/NA	Solid	5035	
880-18779-1 MSD	CS-1 (6.5')	Total/NA	Solid	5035	

Analysis Batch: 33586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Total/NA	Solid	8021B	33571
880-18779-2	CS-2 (6.5')	Total/NA	Solid	8021B	33571
880-18779-3	CS-3 (6.5')	Total/NA	Solid	8021B	33571
880-18779-4	CS-4 (6.5')	Total/NA	Solid	8021B	33571
880-18779-5	CS-5 (7')	Total/NA	Solid	8021B	33571
880-18779-6	CS-6 (7')	Total/NA	Solid	8021B	33571
880-18779-7	CS-7 (7')	Total/NA	Solid	8021B	33571
880-18779-8	CS-8 (7')	Total/NA	Solid	8021B	33571
880-18779-9	CS-9 (7')	Total/NA	Solid	8021B	33571
880-18779-10	SW-1 (6.5')	Total/NA	Solid	8021B	33571
880-18779-11	SW-2 (6.5')	Total/NA	Solid	8021B	33571
880-18779-12	SW-3 (6.5')	Total/NA	Solid	8021B	33571
880-18779-13	SW-4 (6.5')	Total/NA	Solid	8021B	33571
880-18779-14	SW-5 (7')	Total/NA	Solid	8021B	33571
880-18779-15	SW-6 (7')	Total/NA	Solid	8021B	33571
880-18779-16	SW-7 (7')	Total/NA	Solid	8021B	33571
880-18779-17	SW-8 (7')	Total/NA	Solid	8021B	33571
880-18779-18	SW-9 (7')	Total/NA	Solid	8021B	33571
880-18779-19	SW-10 (6.5')	Total/NA	Solid	8021B	33571

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 33586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-20	SW-11 (0.5')	Total/NA	Solid	8021B	33571
MB 880-33193/5-A	Method Blank	Total/NA	Solid	8021B	33193
MB 880-33571/5-A	Method Blank	Total/NA	Solid	8021B	33571
LCS 880-33571/1-A	Lab Control Sample	Total/NA	Solid	8021B	33571
LCSD 880-33571/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	33571
880-18779-1 MS	CS-1 (6.5')	Total/NA	Solid	8021B	33571
880-18779-1 MSD	CS-1 (6.5')	Total/NA	Solid	8021B	33571

Analysis Batch: 33857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-2	CS-2 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-3	CS-3 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-4	CS-4 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-5	CS-5 (7')	Total/NA	Solid	Total BTEX	
880-18779-6	CS-6 (7')	Total/NA	Solid	Total BTEX	
880-18779-7	CS-7 (7')	Total/NA	Solid	Total BTEX	
880-18779-8	CS-8 (7')	Total/NA	Solid	Total BTEX	
880-18779-9	CS-9 (7')	Total/NA	Solid	Total BTEX	
880-18779-10	SW-1 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-11	SW-2 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-12	SW-3 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-13	SW-4 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-14	SW-5 (7')	Total/NA	Solid	Total BTEX	
880-18779-15	SW-6 (7')	Total/NA	Solid	Total BTEX	
880-18779-16	SW-7 (7')	Total/NA	Solid	Total BTEX	
880-18779-17	SW-8 (7')	Total/NA	Solid	Total BTEX	
880-18779-18	SW-9 (7')	Total/NA	Solid	Total BTEX	
880-18779-19	SW-10 (6.5')	Total/NA	Solid	Total BTEX	
880-18779-20	SW-11 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 33499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-2	CS-2 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-3	CS-3 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-4	CS-4 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-5	CS-5 (7')	Total/NA	Solid	8015B NM	33567
880-18779-6	CS-6 (7')	Total/NA	Solid	8015B NM	33567
880-18779-7	CS-7 (7')	Total/NA	Solid	8015B NM	33567
880-18779-8	CS-8 (7')	Total/NA	Solid	8015B NM	33567
880-18779-9	CS-9 (7')	Total/NA	Solid	8015B NM	33567
880-18779-10	SW-1 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-11	SW-2 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-12	SW-3 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-13	SW-4 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-14	SW-5 (7')	Total/NA	Solid	8015B NM	33567
880-18779-15	SW-6 (7')	Total/NA	Solid	8015B NM	33567
880-18779-16	SW-7 (7')	Total/NA	Solid	8015B NM	33567

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-17	SW-8 (7')	Total/NA	Solid	8015B NM	33567
880-18779-18	SW-9 (7')	Total/NA	Solid	8015B NM	33567
880-18779-19	SW-10 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-20	SW-11 (0.5')	Total/NA	Solid	8015B NM	33567
MB 880-33567/1-A	Method Blank	Total/NA	Solid	8015B NM	33567
LCS 880-33567/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	33567
LCSD 880-33567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	33567
880-18779-1 MS	CS-1 (6.5')	Total/NA	Solid	8015B NM	33567
880-18779-1 MSD	CS-1 (6.5')	Total/NA	Solid	8015B NM	33567

Prep Batch: 33567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-2	CS-2 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-3	CS-3 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-4	CS-4 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-5	CS-5 (7')	Total/NA	Solid	8015NM Prep	
880-18779-6	CS-6 (7')	Total/NA	Solid	8015NM Prep	
880-18779-7	CS-7 (7')	Total/NA	Solid	8015NM Prep	
880-18779-8	CS-8 (7')	Total/NA	Solid	8015NM Prep	
880-18779-9	CS-9 (7')	Total/NA	Solid	8015NM Prep	
880-18779-10	SW-1 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-11	SW-2 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-12	SW-3 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-13	SW-4 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-14	SW-5 (7')	Total/NA	Solid	8015NM Prep	
880-18779-15	SW-6 (7')	Total/NA	Solid	8015NM Prep	
880-18779-16	SW-7 (7')	Total/NA	Solid	8015NM Prep	
880-18779-17	SW-8 (7')	Total/NA	Solid	8015NM Prep	
880-18779-18	SW-9 (7')	Total/NA	Solid	8015NM Prep	
880-18779-19	SW-10 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-20	SW-11 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-33567/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-33567/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-33567/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18779-1 MS	CS-1 (6.5')	Total/NA	Solid	8015NM Prep	
880-18779-1 MSD	CS-1 (6.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 33645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Total/NA	Solid	8015 NM	
880-18779-2	CS-2 (6.5')	Total/NA	Solid	8015 NM	
880-18779-3	CS-3 (6.5')	Total/NA	Solid	8015 NM	
880-18779-4	CS-4 (6.5')	Total/NA	Solid	8015 NM	
880-18779-5	CS-5 (7')	Total/NA	Solid	8015 NM	
880-18779-6	CS-6 (7')	Total/NA	Solid	8015 NM	
880-18779-7	CS-7 (7')	Total/NA	Solid	8015 NM	
880-18779-8	CS-8 (7')	Total/NA	Solid	8015 NM	
880-18779-9	CS-9 (7')	Total/NA	Solid	8015 NM	
880-18779-10	SW-1 (6.5')	Total/NA	Solid	8015 NM	
880-18779-11	SW-2 (6.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 33645 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-12	SW-3 (6.5')	Total/NA	Solid	8015 NM	
880-18779-13	SW-4 (6.5')	Total/NA	Solid	8015 NM	
880-18779-14	SW-5 (7')	Total/NA	Solid	8015 NM	
880-18779-15	SW-6 (7')	Total/NA	Solid	8015 NM	
880-18779-16	SW-7 (7')	Total/NA	Solid	8015 NM	
880-18779-17	SW-8 (7')	Total/NA	Solid	8015 NM	
880-18779-18	SW-9 (7')	Total/NA	Solid	8015 NM	
880-18779-19	SW-10 (6.5')	Total/NA	Solid	8015 NM	
880-18779-20	SW-11 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 33566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Soluble	Solid	DI Leach	
880-18779-2	CS-2 (6.5')	Soluble	Solid	DI Leach	
880-18779-3	CS-3 (6.5')	Soluble	Solid	DI Leach	
880-18779-4	CS-4 (6.5')	Soluble	Solid	DI Leach	
880-18779-5	CS-5 (7')	Soluble	Solid	DI Leach	
880-18779-6	CS-6 (7')	Soluble	Solid	DI Leach	
880-18779-7	CS-7 (7')	Soluble	Solid	DI Leach	
880-18779-8	CS-8 (7')	Soluble	Solid	DI Leach	
880-18779-9	CS-9 (7')	Soluble	Solid	DI Leach	
880-18779-10	SW-1 (6.5')	Soluble	Solid	DI Leach	
880-18779-11	SW-2 (6.5')	Soluble	Solid	DI Leach	
880-18779-12	SW-3 (6.5')	Soluble	Solid	DI Leach	
880-18779-13	SW-4 (6.5')	Soluble	Solid	DI Leach	
880-18779-14	SW-5 (7')	Soluble	Solid	DI Leach	
880-18779-15	SW-6 (7')	Soluble	Solid	DI Leach	
880-18779-16	SW-7 (7')	Soluble	Solid	DI Leach	
880-18779-17	SW-8 (7')	Soluble	Solid	DI Leach	
880-18779-18	SW-9 (7')	Soluble	Solid	DI Leach	
880-18779-19	SW-10 (6.5')	Soluble	Solid	DI Leach	
880-18779-20	SW-11 (0.5')	Soluble	Solid	DI Leach	
MB 880-33566/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-33566/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-33566/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18779-1 MS	CS-1 (6.5')	Soluble	Solid	DI Leach	
880-18779-1 MSD	CS-1 (6.5')	Soluble	Solid	DI Leach	
880-18779-11 MS	SW-2 (6.5')	Soluble	Solid	DI Leach	
880-18779-11 MSD	SW-2 (6.5')	Soluble	Solid	DI Leach	

Analysis Batch: 33603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-1	CS-1 (6.5')	Soluble	Solid	300.0	33566
880-18779-2	CS-2 (6.5')	Soluble	Solid	300.0	33566
880-18779-3	CS-3 (6.5')	Soluble	Solid	300.0	33566
880-18779-4	CS-4 (6.5')	Soluble	Solid	300.0	33566
880-18779-5	CS-5 (7')	Soluble	Solid	300.0	33566
880-18779-6	CS-6 (7')	Soluble	Solid	300.0	33566
880-18779-7	CS-7 (7')	Soluble	Solid	300.0	33566

QC Association Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 33603 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18779-8	CS-8 (7')	Soluble	Solid	300.0	33566
880-18779-9	CS-9 (7')	Soluble	Solid	300.0	33566
880-18779-10	SW-1 (6.5')	Soluble	Solid	300.0	33566
880-18779-11	SW-2 (6.5')	Soluble	Solid	300.0	33566
880-18779-12	SW-3 (6.5')	Soluble	Solid	300.0	33566
880-18779-13	SW-4 (6.5')	Soluble	Solid	300.0	33566
880-18779-14	SW-5 (7')	Soluble	Solid	300.0	33566
880-18779-15	SW-6 (7')	Soluble	Solid	300.0	33566
880-18779-16	SW-7 (7')	Soluble	Solid	300.0	33566
880-18779-17	SW-8 (7')	Soluble	Solid	300.0	33566
880-18779-18	SW-9 (7')	Soluble	Solid	300.0	33566
880-18779-19	SW-10 (6.5')	Soluble	Solid	300.0	33566
880-18779-20	SW-11 (0.5')	Soluble	Solid	300.0	33566
MB 880-33566/1-A	Method Blank	Soluble	Solid	300.0	33566
LCS 880-33566/2-A	Lab Control Sample	Soluble	Solid	300.0	33566
LCSD 880-33566/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	33566
880-18779-1 MS	CS-1 (6.5')	Soluble	Solid	300.0	33566
880-18779-1 MSD	CS-1 (6.5')	Soluble	Solid	300.0	33566
880-18779-11 MS	SW-2 (6.5')	Soluble	Solid	300.0	33566
880-18779-11 MSD	SW-2 (6.5')	Soluble	Solid	300.0	33566

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (6.5')

Lab Sample ID: 880-18779-1
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 21:32	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 19:57	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 14:46	SMC	EET MID

Client Sample ID: CS-2 (6.5')

Lab Sample ID: 880-18779-2
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 21:52	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 21:00	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 15:13	SMC	EET MID

Client Sample ID: CS-3 (6.5')

Lab Sample ID: 880-18779-3
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 22:13	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 21:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 15:20	SMC	EET MID

Client Sample ID: CS-4 (6.5')

Lab Sample ID: 880-18779-4
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 22:33	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (6.5')

Lab Sample ID: 880-18779-4
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 21:42	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 15:28	SMC	EET MID

Client Sample ID: CS-5 (7')

Lab Sample ID: 880-18779-5
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 22:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 22:04	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 15:35	SMC	EET MID

Client Sample ID: CS-6 (7')

Lab Sample ID: 880-18779-6
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 23:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 22:25	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 15:56	SMC	EET MID

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-18779-7
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 23:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 22:46	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (7')

Lab Sample ID: 880-18779-7
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 16:03	SMC	EET MID

Client Sample ID: CS-8 (7')

Lab Sample ID: 880-18779-8
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/02/22 23:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 23:07	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 16:11	SMC	EET MID

Client Sample ID: CS-9 (7')

Lab Sample ID: 880-18779-9
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 00:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 23:28	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 16:18	SMC	EET MID

Client Sample ID: SW-1 (6.5')

Lab Sample ID: 880-18779-10
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 00:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/01/22 23:49	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 16:25	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (6.5')

Lab Sample ID: 880-18779-11
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 01:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 00:32	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 16:32	SMC	EET MID

Client Sample ID: SW-3 (6.5')

Lab Sample ID: 880-18779-12
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 02:19	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 00:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 16:53	SMC	EET MID

Client Sample ID: SW-4 (6.5')

Lab Sample ID: 880-18779-13
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 02:39	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 01:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:01	SMC	EET MID

Client Sample ID: SW-5 (7')

Lab Sample ID: 880-18779-14
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 03:00	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-5 (7')

Lab Sample ID: 880-18779-14
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 01:35	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:22	SMC	EET MID

Client Sample ID: SW-6 (7')

Lab Sample ID: 880-18779-15
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 03:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 01:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:29	SMC	EET MID

Client Sample ID: SW-7 (7')

Lab Sample ID: 880-18779-16
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 03:41	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 02:18	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:36	SMC	EET MID

Client Sample ID: SW-8 (7')

Lab Sample ID: 880-18779-17
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 04:01	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 02:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Client Sample ID: SW-8 (7')

Lab Sample ID: 880-18779-17
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:43	SMC	EET MID

Client Sample ID: SW-9 (7')

Lab Sample ID: 880-18779-18
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 04:22	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 03:00	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:51	SMC	EET MID

Client Sample ID: SW-10 (6.5')

Lab Sample ID: 880-18779-19
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 04:42	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 03:21	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 17:58	SMC	EET MID

Client Sample ID: SW-11 (0.5')

Lab Sample ID: 880-18779-20
Matrix: Solid
Date Collected: 09/01/22 00:00
Date Received: 09/01/22 15:41

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	33571	09/01/22 16:43	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	33586	09/03/22 05:03	MR	EET MID
Total/NA	Analysis	Total BTEX		1			33857	09/06/22 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			33645	09/02/22 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	33567	09/01/22 16:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	33499	09/02/22 03:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	33566	09/01/22 16:00	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	33603	09/02/22 18:05	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

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:

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

Sample Summary

Client: Carmona Resources
Project/Site: Ringo Fed Com 32 CTB

Job ID: 880-18779-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18779-1	CS-1 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-2	CS-2 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-3	CS-3 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-4	CS-4 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-5	CS-5 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-6	CS-6 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-7	CS-7 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-8	CS-8 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-9	CS-9 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-10	SW-1 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-11	SW-2 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-12	SW-3 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-13	SW-4 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-14	SW-5 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-15	SW-6 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-16	SW-7 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-17	SW-8 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-18	SW-9 (7')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-19	SW-10 (6.5')	Solid	09/01/22 00:00	09/01/22 15:41
880-18779-20	SW-11 (0.5')	Solid	09/01/22 00:00	09/01/22 15:41

Work Order No: 18779

Project Manager	Conner Moehring	Bill to. (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address.	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving,NM 88256
Phone.	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments

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

State of Project:

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

Deliverables. EDD ☐ ADaPT ☐ Other

Project Name	Ringo Fed Com 32 CTB	Turn Around	
Project Number	1102	☐ Routine	☑ Rush
Project Location	Lea Co, NM	Due Date	24 hr
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4:30pm	
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	-.20
Sample Custody Seals:	Yes No (N/A)	Temperature Reading	0.3
Total Containers.		Corrected Temperature.	0.5

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_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	HOLD	Sample Comments
CS-1 (6 5')	9/1/2022		X		C	1		X	X	X		
CS-2 (6.5')	9/1/2022		X		C	1		X	X	X		
CS-3 (6.5')	9/1/2022		X		C	1		X	X	X		
CS-4 (6 5')	9/1/2022		X		C	1		X	X	X		
CS-5 (7')	9/1/2022		X		C	1		X	X	X		
CS-6 (7')	9/1/2022		X		C	1		X	X	X		
CS-7 (7')	9/1/2022		X		C	1		X	X	X		
CS-8 (7')	9/1/2022		X		C	1		X	X	X		
CS-9 (7')	9/1/2022		X		C	1		X	X	X		
SW-1 (6 5')	9/1/2022		X		C	1		X	X	X		

880-18779 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9/1/22 1541		

Work Order No: 18779

Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name.	COG
Address.	310 W Wall St Ste 415	Address.	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving,NM 88256
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments

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

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name.	Ringo Fed Com 32 CTB	Turn Around	
Project Number	1102	☐ Routine	☑ Rush
Project Location	Lea Co, NM	Due Date	24 hr
Sampler's Name	CRM	TAT starts the day received by the lab, if received by 4.30pm	
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_2SO_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	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
SW-2 (6.5')	9/1/2022		X		C	1	X	X	X		
SW-3 (6 5')	9/1/2022		X		C	1	X	X	X		
SW-4 (6 5')	9/1/2022		X		C	1	X	X	X		
SW-5 (7')	9/1/2022		X		C	1	X	X	X		
SW-6 (7')	9/1/2022		X		C	1	X	X	X		
SW-7 (7')	9/1/2022		X		C	1	X	X	X		
SW-8 (7')	9/1/2022		X		C	1	X	X	X		
SW-9 (7')	9/1/2022		X		C	1	X	X	X		
SW-10 (6 5')	9/1/2022		X		C	1	X	X	X		
SW-11 (0 5')	9/1/2022		X		C	1	X	X	X		

Loc: 880
18779

Relinquished by (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/1/22 1641		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18779-1
SDG Number: Lea Co, NM

Login Number: 18779
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 146405

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 146405
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/27/2022