

CARMONA RESOURCES



SITE INFORMATION

Closure Report

Really Scary Federal Com 003H (05.10.22)

Incident ID NAPP2214431010

Eddy County, New Mexico

Unit N Sec 33 T24S R28E

32.167500°, -104.093789°

Crude Oil Release

Point of Release: Malfunction of the Inlet Separator

Release Date: 05/10/2022

Volume Released: 0.36 barrels of Crude Oil

Volume Recovered: 0 barrels of Crude Oil

CARMONA RESOURCES



Prepared for:

**Concho Operating, LLC
15 West London Road,
Loving, New Mexico 88256**

Prepared by:

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

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

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July 12, 2022

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

Re: Closure Report
Really Scary Federal Com 003H (05.10.22)
Concho Operating, LLC
Incident ID NAPP2214431010
Site Location: Unit N, S33, T24S, R28E
(Lat 32.167500°, Long -104.093789°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for Really Scary Federal Com 003H (05.10.22). The site is located at 32.167500°, -104.093789° within Unit N, S33, T24S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 10, 2022, due to an inlet separator malfunction on a flare. It resulted in approximately zero point three six (0.36) barrels of crude oil, and zero (0) barrels of crude oil were recovered. See figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is located within a 0.50-mile radius of the location. The closest well is approximately 0.76 miles Southeast of the site in S04, T24S, R28E and was drilled in 1969. The well has a reported depth to groundwater of 35.00' feet below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

On June 13, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of eight (8) sample points were advanced to depths ranging from the surface – 2.0' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were onsite from June 27, 2022, through June 29, 2022, to supervise the remediation activities and collect confirmation samples. The area was excavated to 1.5' to remove all impacted soils. A total of sixteen (16) confirmation samples were collected (CS-1 through CS-16), and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure 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 results of the sampling are summarized in Table 2. 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 174 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

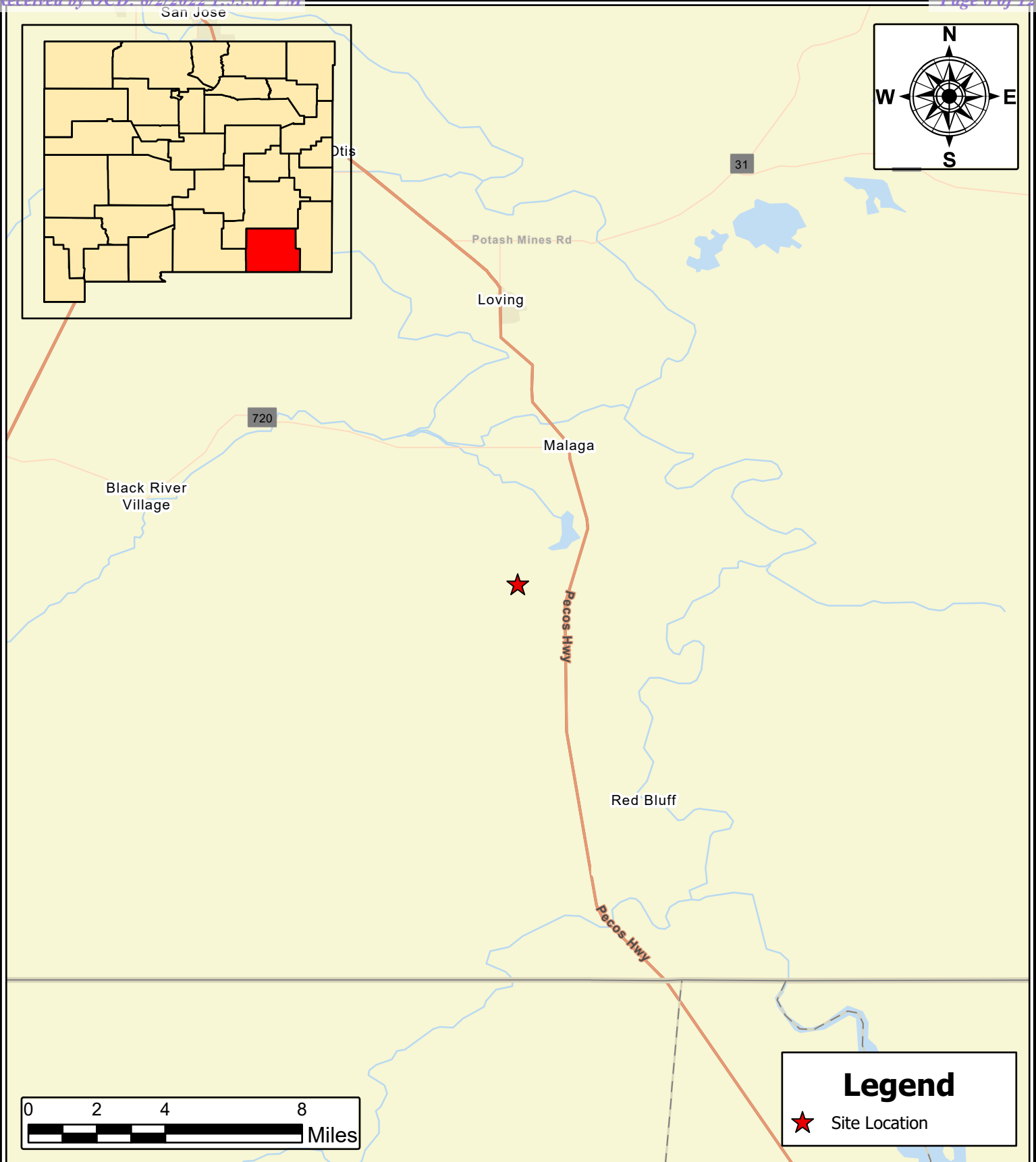
Mike Carmona
Environmental Manager

Clinton Merritt
Sr Project Manager

FIGURES

CARMONA RESOURCES



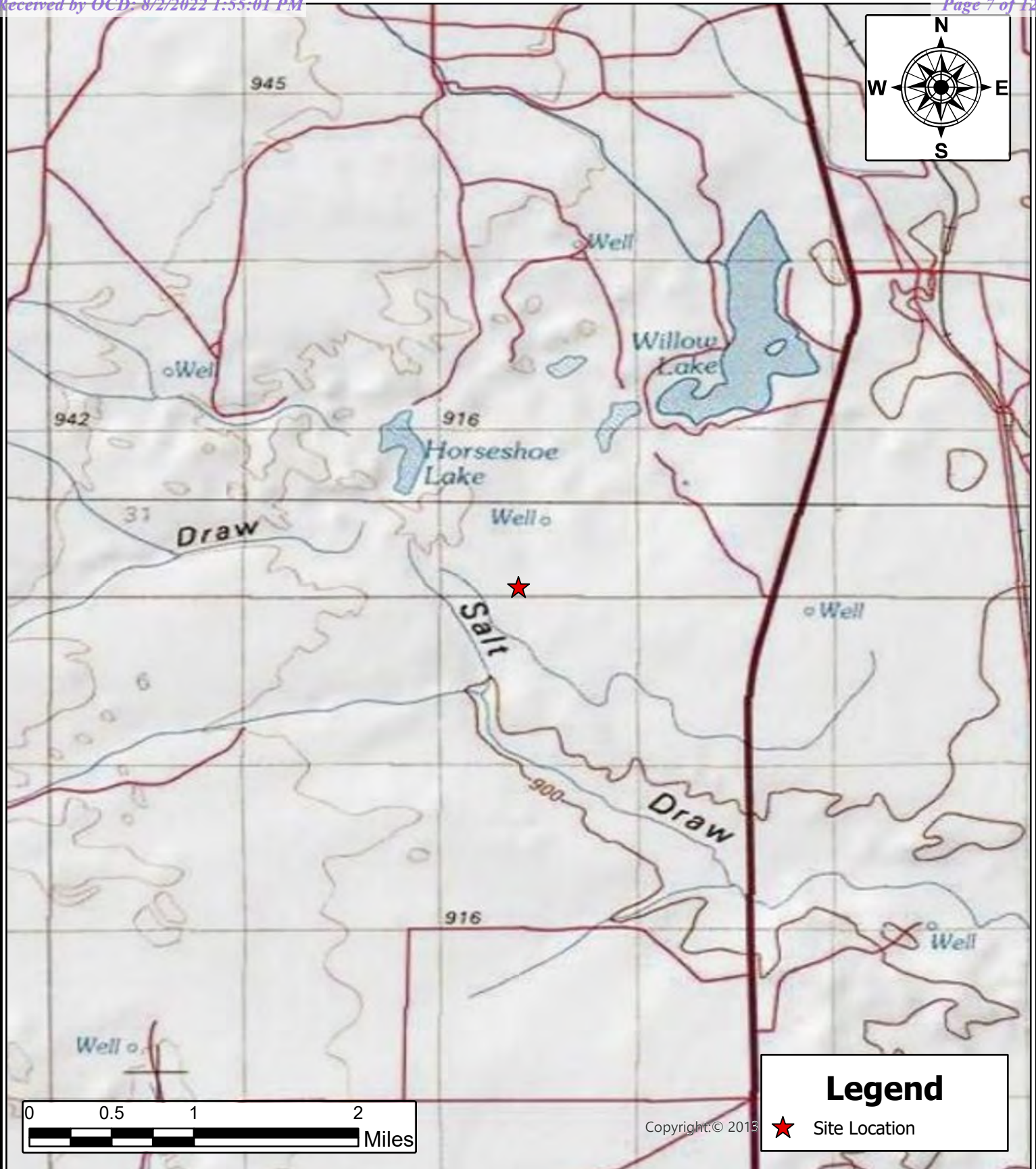


OVERVIEW MAP COG OPERATING REALLY SCARY FED COM 003H (05.10.22) EDDY COUNTY, NEW MEXICO 32.167500, -104.093789	
SCALE: As Shown	Date: 7/7/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
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NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1

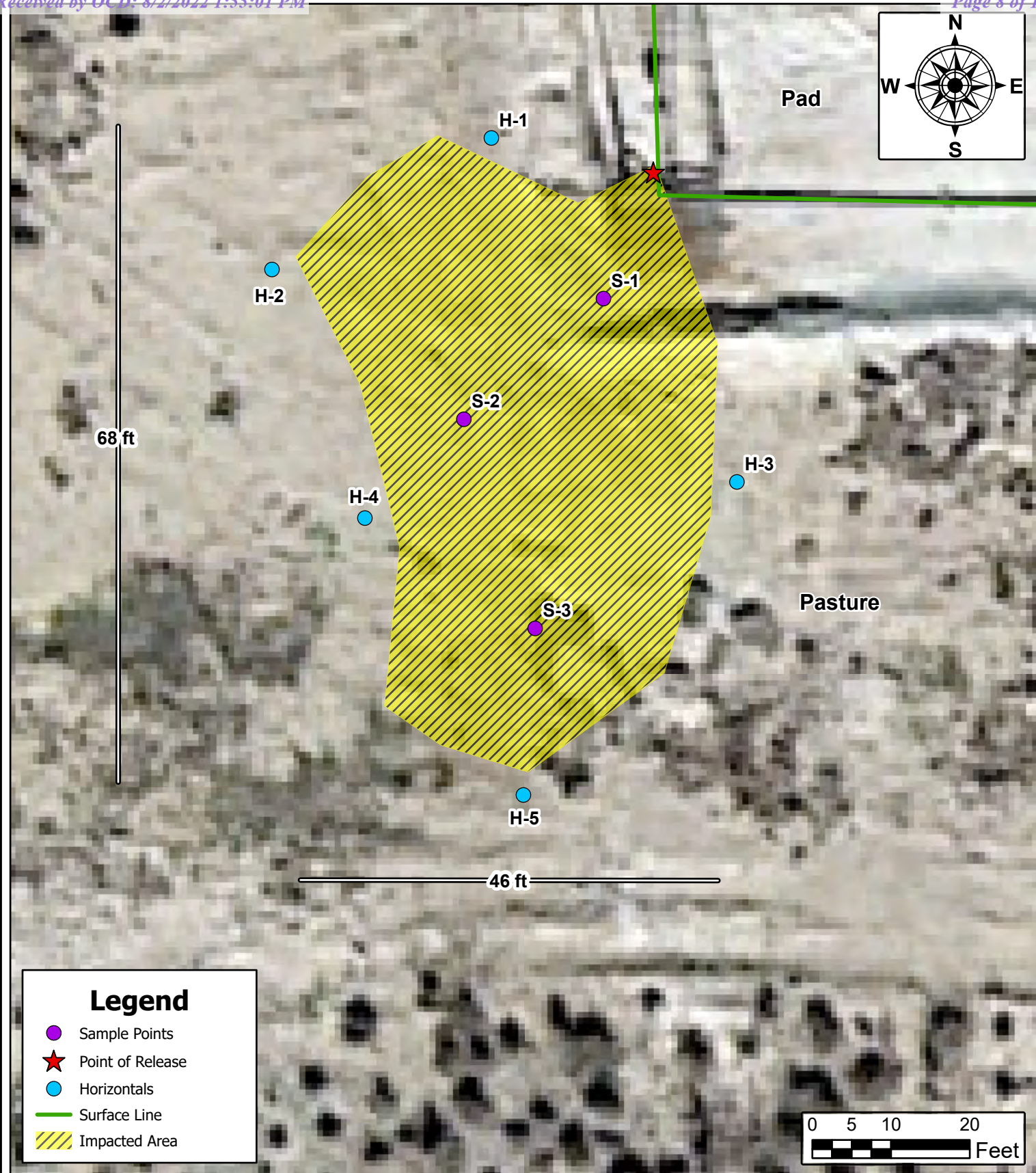


TOPOGRAPHIC MAP COG OPERATING REALLY SCARY FED COM 003H (05.10.22) EDDY COUNTY, NEW MEXICO 32.167500, -104.093789	
SCALE: As Shown	Date: 7/7/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
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NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER: FIGURE 2
SHEET NUMBER: 1 of 1



Legend

- Sample Points
- ★ Point of Release
- Horizontals
- Surface Line
- Impacted Area

0 5 10 20
Feet

SAMPLE LOCATION MAP
COG OPERATING
 REALLY SCARY FED COM 003H (05.10.22)
 EDDY COUNTY, NEW MEXICO
 32.167500, -104.093789

SCALE: As Shown

Date: 7/7/2022



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

NOTES:

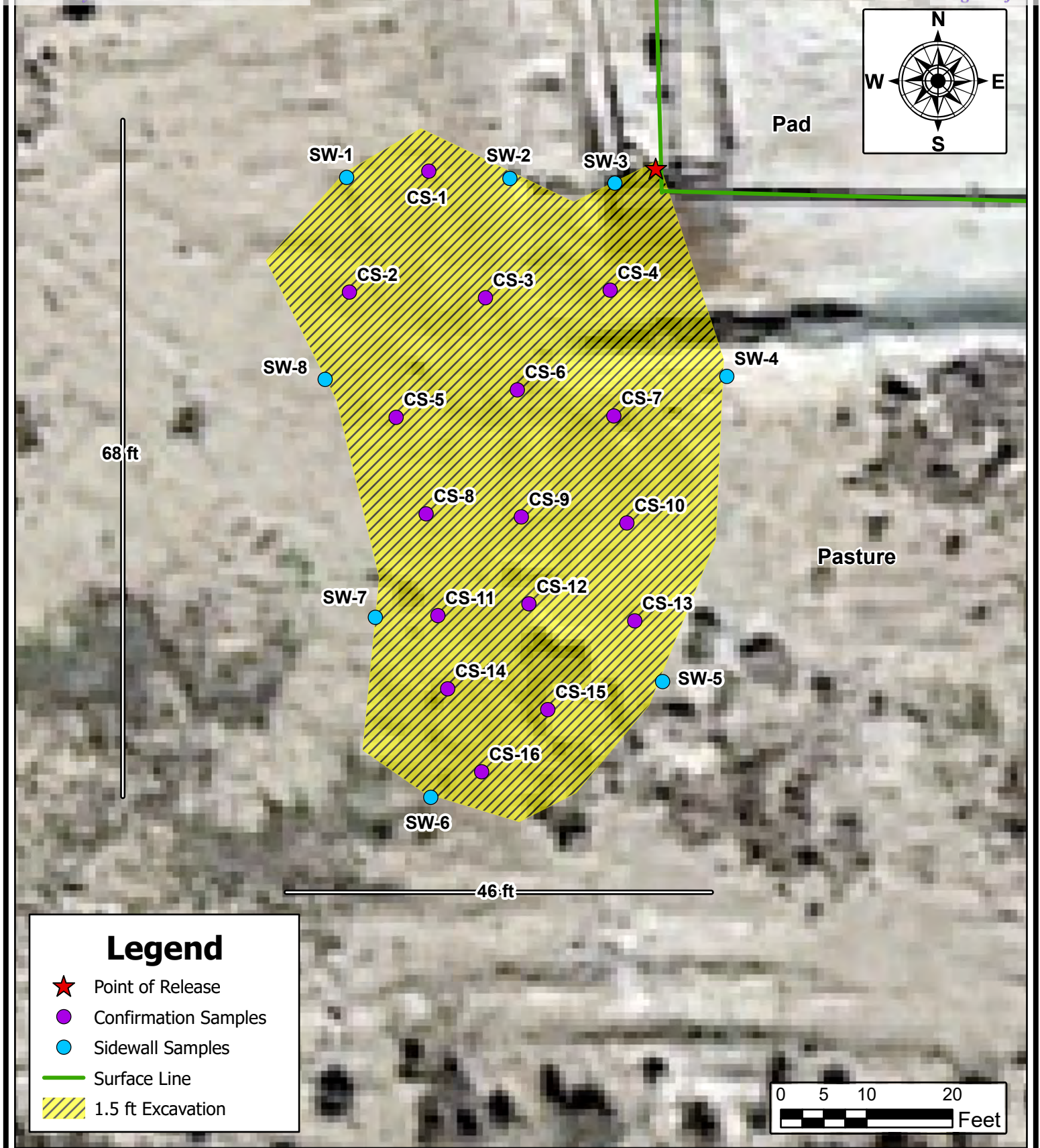
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

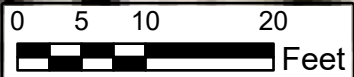
SHEET NUMBER:

1 of 1



Legend

- ★ Point of Release
- Confirmation Samples
- Sidewall Samples
- Surface Line
- ▨ 1.5 ft Excavation



EXCAVATION DEPTH MAP
COG OPERATING
 REALLY SCARY FED COM 003H (05.10.22)
 EDDY COUNTY, NEW MEXICO
 32.167500, -104.093789

SCALE: As Shown Date: 7/7/2022

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

NOTES:

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

DRAWING NUMBER:
FIGURE 4

SHEET NUMBER:
1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Really Scary Federal Com 003H (05.10.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
S-1	6/13/2022	0 -.25	<250	3,570	1,420	4,990	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,800	
	"	0.5	<49.9	2,980	1,130	4,110	<0.00200	0.0384	<0.00200	0.00919	0.0476	2,050	
	"	1	<50.0	63.6	<50.0	63.6	<0.00202	0.00496	<0.00202	<0.00404	0.00496	1,740	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00254	<0.00202	<0.00403	<0.00403	564	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.0239	0.0239	331	
S-2	6/13/2022	0 -.25	<49.9	52.0	<49.9	52.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.3	
	"	0.5	<50.0	<50.0	106	106	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.2	
S-3	6/13/2022	0 -.25	<50.0	<50.0	69.3	69.3	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	42.3	
	"	0.5	<50.0	<50.0	52.3	52.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.1	
H-1	6/13/2022	0-0.5	<49.9	126	244	370	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,560	
H-2	6/13/2022	0-0.5	<49.9	121	188	309	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	204	
H-3	6/13/2022	0-0.5	<50.0	800	281	1,080	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	215	
H-4	6/13/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,470	
H-5	6/13/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	99.4	
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
Really Scary Federal Com 003H (05.10.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
CS-1	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.1	
CS-2	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.0	
CS-3	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.8	
CS-4	6/28/2022	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	16.6	
CS-5	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.5	
CS-6	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	15.9	
CS-7	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	13.8	
CS-8	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	45.4	
CS-9	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.7	
CS-10	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.2	
CS-11	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	40.6	
CS-12	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	24.5	
CS-13	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.2	
CS-14	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	22.4	
CS-15	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.2	
CS-16	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.1	
SW-1	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.8	
SW-2	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.3	
SW-3	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	18.0	
SW-4	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	44.6	
SW-5	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.61	
SW-6	6/28/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	22.4	
SW-7	6/28/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.3	
SW-8	6/28/2022	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9.23	
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 Sample

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Really Scary Federal Com 003H
(05.10.22)

County: Eddy County, New Mexico

Description:

View West, area of confirmation samples (1-16).



Photograph No. 2

Facility: Really Scary Federal Com 003H
(05.10.22)

County: Eddy County, New Mexico

Description:

View Northwest, area of confirmation samples (1-16).



Photograph No. 3

Facility: Really Scary Federal Com 003H
(05.10.22)

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (1-16).



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

Page 2

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

L48 Spill Volume Estimate Form

Received by OCD: 8/2/2022 1:55:01 PM

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Facility Name & Number:	Really Scary Fed 3H
Asset Area:	NDB West
Release Discovery Date & Time:	5/10/2022 12:30
Release Type:	Oil
Provide any known details about the event:	Primary Dump on inlet separator hung open causing FWKO to flare and spill standing fluid in line burning ground around flare

Spill Calculation - Subsurface Spill - Rectangle

Was the release on pad or off-pad?	See reference table below
Has it rained at least a half inch in the last 24 hours?	See reference table below

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage Spilled Fluid Mixture
Rectangle A	30.0	10.0	0.60	13.63%	2.670	0.364	
Rectangle B					0.000	0.000	
Rectangle C					0.000	0.000	
Rectangle D					0.000	0.000	
Rectangle E					0.000	0.000	
Rectangle F					0.000	0.000	
Rectangle G					0.000	0.000	
Rectangle H					0.000	0.000	
Rectangle I					0.000	0.000	
Rectangle J					0.000	0.000	
Total Volume Release:						0.364	

Released to Imaging: 8/30/2022 3:36:22 PM

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: 8.1.22

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 08/02/2022

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: Jacqueline Harimon Date: 8.1.22

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: _____

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

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: Clint Merritt
Sent: Friday, June 24, 2022 11:06 AM
To: ocd.enviro@state.nm.us
Cc: Mike Carmona; Conner Moehring; Harris, Jacqui
Subject: 48 Hour Sampling Notification COG Really Scary Federal Com 003H (05.10.22)

Good Morning,

On behalf of COG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on Tuesday, 06/28/2022 at 1:00 p.m. Mountain Time. Please let me know if you have any questions.

COG Really Scary Federal Com 003H (05.10.22)
Sec 33 T24S R28E Unit N
32.1679°, -104.0938°
Eddy County, New Mexico

Clinton Merritt
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-9044
MerrittC@carmonaresources.com



APPENDIX D

CARMONA RESOURCES

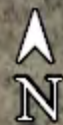
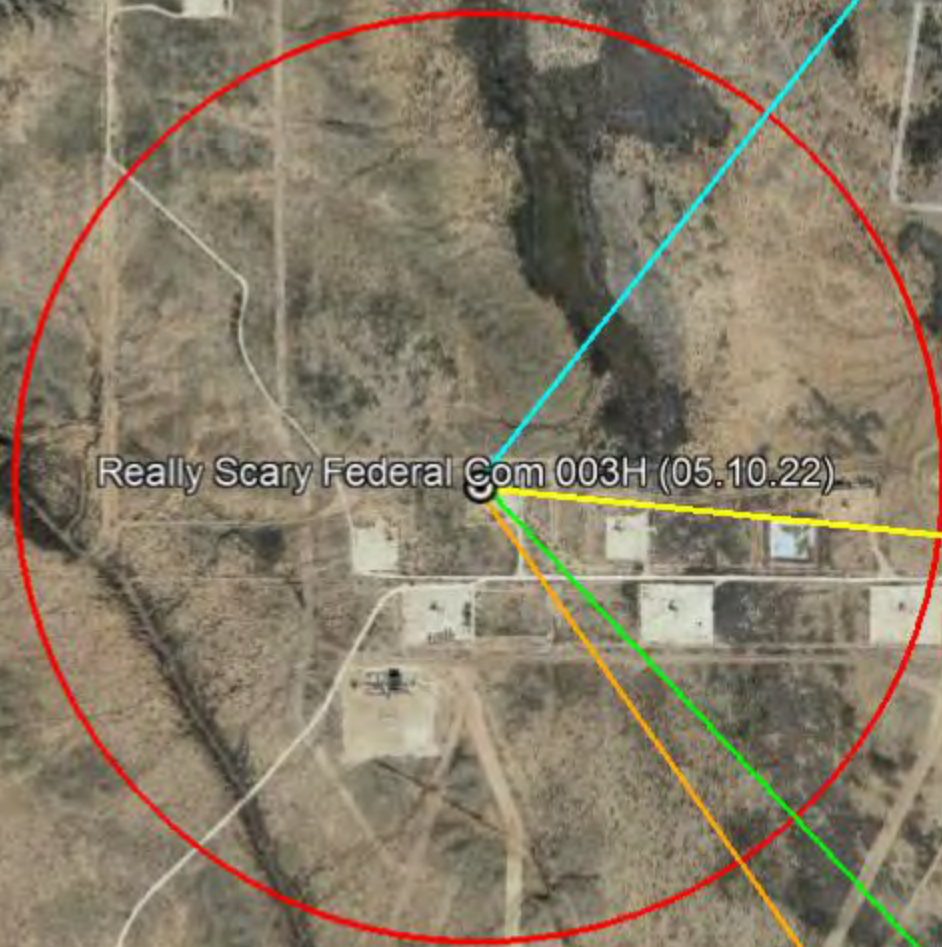


NEAREST WATER WELL

COG OPERATING

Legend

- 0.50 Mile Radius
- 0.76 Miles
- 0.92 Miles
- 1.04 Miles
- 1.53 Miles
- NMSEO WATER WELL
- Really Scary Federal Com 003H (05.10.22)
- USGS WATER WELL



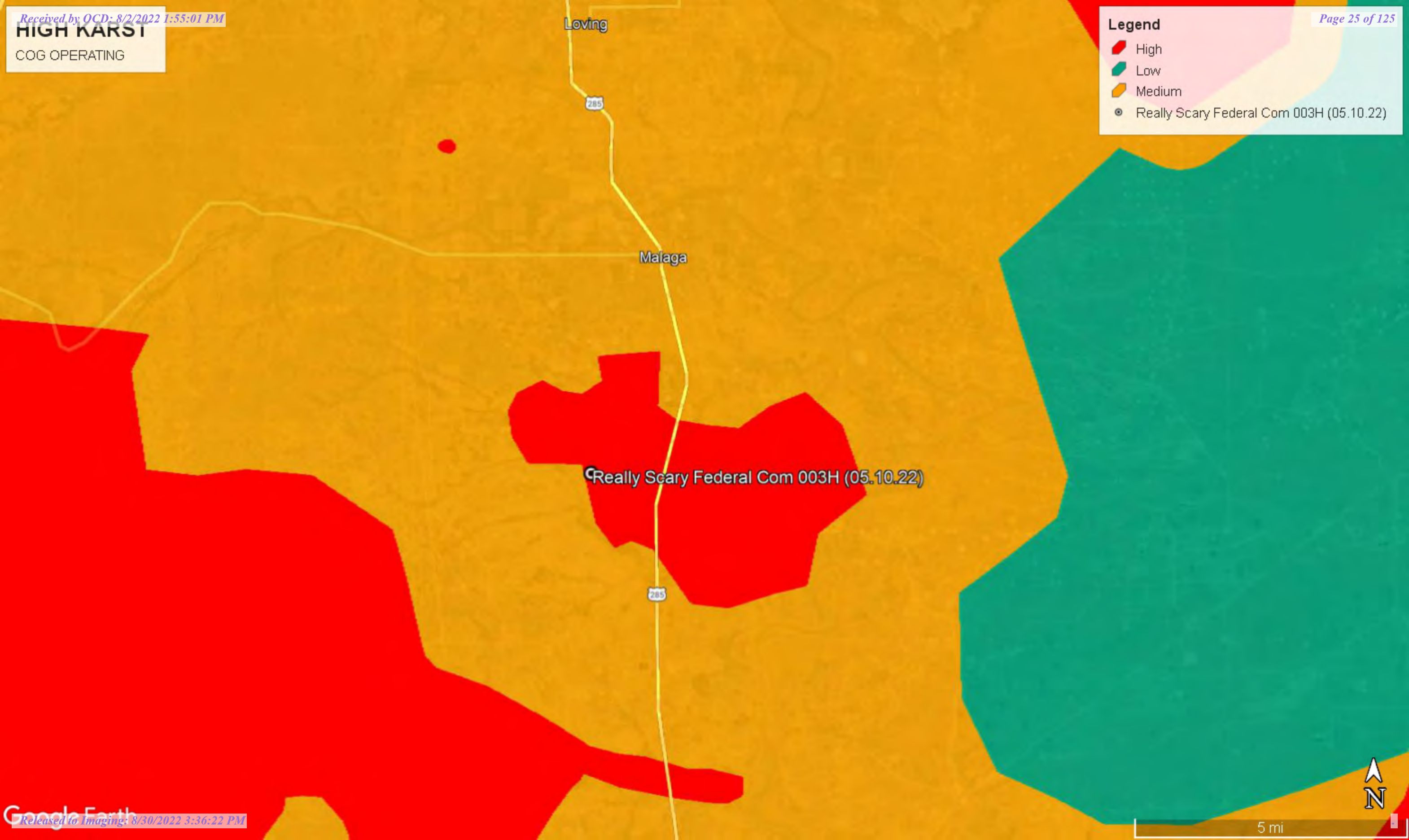
4000 ft

HIGH KARST

COG OPERATING

Legend

- High
- Low
- Medium
- Really Scary Federal Com 003H (05.10.22)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01411	R	C	ED	4	4	2	04	25S	28E	586289	3558522*	1225	69	35	34
C 03989 POD1		CUB	ED	4	2	2	33	24S	28E	586342	3560573	1474	100	70	30
C 01411 POD2		C	ED	4	2	4	04	25S	28E	586374	3558036	1657	90	50	40
C 03988 POD1		CUB	ED	4	4	4	28	24S	28E	586303	3561087	1889	110	95	15
C 02668		C	ED	2	1	2	09	25S	28E	585890	3557525*	1934	150		
C 04025 POD1		CUB	ED	4	3	3	27	24S	28E	586700	3560964	2003	190	90	100
C 04222 POD1		CUB	ED	1	3	3	27	24S	28E	586406	3561228	2062	140	35	105
C 04501 POD1		CUB	ED	3	4	1	29	24S	28E	583580	3561778	3015	80		

Average Depth to Water: **62 feet**

Minimum Depth: **35 feet**

Maximum Depth: **95 feet**

Record Count: 8

UTM NAD83 Radius Search (in meters):

Easting (X): 585440.64

Northing (Y): 3559406.14

Radius: 4000

*UTM location was derived from PLSS - see Help

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

6/10/22 10:07 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 01411	4	4	2	04	25S	28E	586289	3558522* 
Driller License:	439	Driller Company:				WHITE, QUINCE L.			
Driller Name:	WHITE, QUINCE L.								
Drill Start Date:	10/07/1969	Drill Finish Date:				10/15/1969		Plug Date:	
Log File Date:	10/20/1969	PCW Rev Date:						Source:	Shallow
Pump Type:		Pipe Discharge Size:						Estimated Yield:	20 GPM
Casing Size:	5.00	Depth Well:				69 feet		Depth Water:	35 feet
Water Bearing Stratifications:					Top	Bottom	Description		
					52	68	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					40	69			

*UTM location was derived from PLSS - see Help

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

6/10/22 10:08 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	03989 POD1	4	2	2	33	24S	28E	586342	3560573

Driller License:	1690	Driller Company:	VISION RESOURCES, INC	
Driller Name:	MALEY, JASON			
Drill Start Date:	01/12/2017	Drill Finish Date:	01/13/2017	Plug Date:
Log File Date:	01/16/2017	PCW Rev Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:
Casing Size:	8.00	Depth Well:	100 feet	Depth Water: 70 feet

Water Bearing Stratifications:	Top	Bottom	Description
	70	100	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	10	60

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

6/10/22 10:10 AM

POINT OF DIVERSION SUMMARY



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USGS Water Resources

Data Category:

Groundwater

Geographic Area:

New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320921104045601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320921104045601 25S.28E.04.42444

Eddy County, New Mexico

Latitude 32°09'19.4", Longitude 104°05'00.6" NAD83

Land-surface elevation 2,973.30 feet above NGVD29

The depth of the well is 68 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1983-02-16			D 62610		2948.25	NGVD29	1		Z	
1983-02-16			D 62611		2949.83	NAVD88	1		Z	
1983-02-16			D 72019	25.05			1		Z	
1987-10-14			D 62610		2950.28	NGVD29	1		Z	
1987-10-14			D 62611		2951.86	NAVD88	1		Z	
1987-10-14			D 72019	23.02			1		Z	
1992-11-18			D 62610		2947.50	NGVD29	1		S	
1992-11-18			D 62611		2949.08	NAVD88	1		S	
1992-11-18			D 72019	25.80			1		S	
1998-01-23			D 62610		2945.56	NGVD29	1		S	
1998-01-23			D 62611		2947.14	NAVD88	1		S	
1998-01-23			D 72019	27.74			1		S	
2003-01-27			D 62610		2944.13	NGVD29	1		S	USGS
2003-01-27			D 62611		2945.71	NAVD88	1		S	USGS

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
2003-01-27		D	72019	29.17			1	S	USGS	
2013-01-10	21:00 UTC	m	62610		2941.40	NGVD29	1	S	USGS	
2013-01-10	21:00 UTC	m	62611		2942.98	NAVD88	1	S	USGS	
2013-01-10	21:00 UTC	m	72019	31.90			1	S	USGS	
2018-02-02	20:20 UTC	m	62610			NGVD29	6	O	USGS	
2018-02-02	20:20 UTC	m	62611			NAVD88	6	O	USGS	
2018-02-02	20:20 UTC	m	72019				6	O	USGS	
2018-02-14	17:22 UTC	m	62610		2933.64	NGVD29	P	S	USGS	
2018-02-14	17:22 UTC	m	62611		2935.22	NAVD88	P	S	USGS	
2018-02-14	17:22 UTC	m	72019	39.66			P	S	USGS	
2021-02-24	19:26 UTC	m	62610		2938.30	NGVD29	1	S	USGS	
2021-02-24	19:26 UTC	m	62611		2939.88	NAVD88	1	S	USGS	
2021-02-24	19:26 UTC	m	72019	35.00			1	S	USGS	
2022-01-13	18:05 UTC	m	62610		2934.19	NGVD29	1	V	USGS	
2022-01-13	18:05 UTC	m	62611		2935.77	NAVD88	1	V	USGS	
2022-01-13	18:05 UTC	m	72019	39.11			1	V	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	6	Measurement unable to be obtained due to local conditions
Status	P	Pumping
Method of measurement	O	Observed.
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels



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

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0.28 0.23 nadww02



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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320956104040101

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320956104040101 25S.28E.03.22231

Eddy County, New Mexico

Latitude 32°09'56.2", Longitude 104°04'04.1" NAD83

Land-surface elevation 2,990.20 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1948-12-06			D 62610		2957.93	NGVD29	1		Z	
1948-12-06			D 62611		2959.50	NAVD88	1		Z	
1948-12-06			D 72019	32.27			1		Z	
1978-01-03			D 62610		2957.23	NGVD29	1		Z	
1978-01-03			D 62611		2958.80	NAVD88	1		Z	
1978-01-03			D 72019	32.97			1		Z	
1983-02-01			D 62610		2964.33	NGVD29	1		Z	
1983-02-01			D 62611		2965.90	NAVD88	1		Z	
1983-02-01			D 72019	25.87			1		Z	
1987-10-14			D 62610		2960.93	NGVD29	1		Z	
1987-10-14			D 62611		2962.50	NAVD88	1		Z	
1987-10-14			D 72019	29.27			1		Z	
1988-03-22			D 62610		2960.27	NGVD29	1		Z	
1988-03-22			D 62611		2961.84	NAVD88	1		Z	
1988-03-22			D 72019	29.93			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	? Status	? Method of measurement	? Measuring agency	? Source measu
1992-11-04			D	62610	2955.17	NGVD29	1	S		
1992-11-04			D	62611	2956.74	NAVD88	1	S		
1992-11-04			D	72019	35.03		1	S		
1998-01-23			D	62610	2956.36	NGVD29	1	S		
1998-01-23			D	62611	2957.93	NAVD88	1	S		
1998-01-23			D	72019	33.84		1	S		
2003-01-27			D	62610	2958.12	NGVD29	1	S	USGS	
2003-01-27			D	62611	2959.69	NAVD88	1	S	USGS	
2003-01-27			D	72019	32.08		1	S	USGS	
2013-01-10	21:20 UTC		m	62610	2956.64	NGVD29	1	S	USGS	
2013-01-10	21:20 UTC		m	62611	2958.21	NAVD88	1	S	USGS	
2013-01-10	21:20 UTC		m	72019	33.56		1	S	USGS	
2018-02-14	16:56 UTC		m	62610	2951.08	NGVD29	1	V	USGS	
2018-02-14	16:56 UTC		m	62611	2952.65	NAVD88	1	V	USGS	
2018-02-14	16:56 UTC		m	72019	39.12		1	V	USGS	
2021-02-24	19:00 UTC		m	62610	2947.41	NGVD29	1	S	USGS	
2021-02-24	19:00 UTC		m	62611	2948.98	NAVD88	1	S	USGS	
2021-02-24	19:00 UTC		m	72019	42.79		1	S	USGS	
2022-01-13	18:36 UTC		m	62610	2948.08	NGVD29	1	V	USGS	
2022-01-13	18:36 UTC		m	62611	2949.65	NAVD88	1	V	USGS	
2022-01-13	18:36 UTC		m	72019	42.12		1	V	USGS	

Explanation

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

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Page Last Modified: 2022-06-10 12:15:28 EDT

0.39 0.35 nadww01

APPENDIX E

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-15805-1

Laboratory Sample Delivery Group: Eddy Co NM

Client Project/Site: Really Scary Federal Com 003H (5.10.22)

For:

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

Attn: Ashton Thielke

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

Authorized for release by:

6/15/2022 1:58:01 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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

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

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Laboratory Job ID: 880-15805-1
SDG: Eddy Co NM

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Definitions/Glossary

Client: Carmona Resources
 Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
 SDG: Eddy Co NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Job ID: 880-15805-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-15805-1**

Receipt

The samples were received on 6/13/2022 4:40 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 1.0°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27492 and analytical batch 880-27512 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.

GC Semi VOA

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 880-27452 and analytical batch 880-27500 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: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-15805-1

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		06/14/22 10:17	06/14/22 17:25	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		06/14/22 10:17	06/14/22 17:25	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		06/14/22 10:17	06/14/22 17:25	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		06/14/22 10:17	06/14/22 17:25	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		06/14/22 10:17	06/14/22 17:25	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		06/14/22 10:17	06/14/22 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/14/22 10:17	06/14/22 17:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/14/22 10:17	06/14/22 17:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4990		250		mg/Kg			06/15/22 09:18	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	<250	U	250		mg/Kg		06/14/22 08:41	06/14/22 13:52	5
Diesel Range Organics (Over C10-C28)	3570		250		mg/Kg		06/14/22 08:41	06/14/22 13:52	5
Oil Range Organics (Over C28-C36)	1420		250		mg/Kg		06/14/22 08:41	06/14/22 13:52	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/14/22 08:41	06/14/22 13:52	5
o-Terphenyl	101		70 - 130	06/14/22 08:41	06/14/22 13:52	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800	F1	49.9		mg/Kg			06/15/22 09:15	10

Client Sample ID: S-1 (6")

Lab Sample ID: 880-15805-2

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 17:46	1
Toluene	0.0384		0.00200		mg/Kg		06/14/22 10:17	06/14/22 17:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 17:46	1
m-Xylene & p-Xylene	0.00919		0.00401		mg/Kg		06/14/22 10:17	06/14/22 17:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 17:46	1
Xylenes, Total	0.00919		0.00401		mg/Kg		06/14/22 10:17	06/14/22 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/14/22 10:17	06/14/22 17:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/14/22 10:17	06/14/22 17:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-1 (6")

Lab Sample ID: 880-15805-2

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0476		0.00401		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4110		49.9		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 14:14	1
Diesel Range Organics (Over C10-C28)	2980		49.9		mg/Kg		06/14/22 08:41	06/14/22 14:14	1
Oil Range Organics (Over C28-C36)	1130		49.9		mg/Kg		06/14/22 08:41	06/14/22 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				06/14/22 08:41	06/14/22 14:14	1
o-Terphenyl	105		70 - 130				06/14/22 08:41	06/14/22 14:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		49.5		mg/Kg			06/15/22 09:42	10

Client Sample ID: S-1 (12")

Lab Sample ID: 880-15805-3

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:06	1
Toluene	0.00496		0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:06	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/14/22 10:17	06/14/22 18:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/14/22 10:17	06/14/22 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/14/22 10:17	06/14/22 18:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/14/22 10:17	06/14/22 18:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00496		0.00404		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.6		50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 12:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-1 (12")

Lab Sample ID: 880-15805-3

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	63.6		50.0		mg/Kg		06/14/22 08:41	06/14/22 12:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/14/22 08:41	06/14/22 12:46	1
o-Terphenyl	97		70 - 130				06/14/22 08:41	06/14/22 12:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1740		25.3		mg/Kg			06/15/22 09:52	5

Client Sample ID: S-1 (18")

Lab Sample ID: 880-15805-4

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:27	1
Toluene	0.00254		0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/14/22 10:17	06/14/22 18:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/14/22 10:17	06/14/22 18:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/14/22 10:17	06/14/22 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/14/22 10:17	06/14/22 18:27	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/14/22 10:17	06/14/22 18:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/14/22 08:41	06/14/22 16:48	1
o-Terphenyl	100		70 - 130				06/14/22 08:41	06/14/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	564		4.98		mg/Kg			06/15/22 10:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-1 (24")

Lab Sample ID: 880-15805-5

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 18:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 18:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 18:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/14/22 10:17	06/14/22 18:47	1
o-Xylene	0.0239		0.00200		mg/Kg		06/14/22 10:17	06/14/22 18:47	1
Xylenes, Total	0.0239		0.00399		mg/Kg		06/14/22 10:17	06/14/22 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/14/22 10:17	06/14/22 18:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130	06/14/22 10:17	06/14/22 18:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0239		0.00399		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 17:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 17:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/14/22 08:41	06/14/22 17:40	1
o-Terphenyl	97		70 - 130				06/14/22 08:41	06/14/22 17:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		5.04		mg/Kg			06/15/22 10:10	1

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-15805-6

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 19:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/14/22 10:17	06/14/22 19:08	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/14/22 10:17	06/14/22 19:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-15805-6

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.0		49.9		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 18:03	1
Diesel Range Organics (Over C10-C28)	52.0		49.9		mg/Kg		06/14/22 08:41	06/14/22 18:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/14/22 08:41	06/14/22 18:03	1
o-Terphenyl	114		70 - 130				06/14/22 08:41	06/14/22 18:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		4.99		mg/Kg			06/15/22 10:38	1

Client Sample ID: S-2 (6")

Lab Sample ID: 880-15805-7

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 19:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 19:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/14/22 10:17	06/14/22 19:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/14/22 10:17	06/14/22 19:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	106		50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 15:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-2 (6")

Lab Sample ID: 880-15805-7

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	106		50.0		mg/Kg		06/14/22 08:41	06/14/22 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/14/22 08:41	06/14/22 15:42	1
o-Terphenyl	100		70 - 130				06/14/22 08:41	06/14/22 15:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.2		4.97		mg/Kg			06/15/22 10:47	1

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-15805-8

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/14/22 10:17	06/14/22 19:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/14/22 10:17	06/14/22 19:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/14/22 10:17	06/14/22 19:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/14/22 10:17	06/14/22 19:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/14/22 10:17	06/14/22 19:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/14/22 10:17	06/14/22 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/14/22 10:17	06/14/22 19:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/14/22 10:17	06/14/22 19:49	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			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	69.3		50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 16:04	1
Oil Range Organics (Over C28-C36)	69.3		50.0		mg/Kg		06/14/22 08:41	06/14/22 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/14/22 08:41	06/14/22 16:04	1
o-Terphenyl	103		70 - 130				06/14/22 08:41	06/14/22 16:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		4.95		mg/Kg			06/15/22 10:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-3 (6")

Lab Sample ID: 880-15805-9

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 20:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 20:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 20:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 20:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 20:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/14/22 10:17	06/14/22 20:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/14/22 10:17	06/14/22 20:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.3		50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 16:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 16:26	1
Oil Range Organics (Over C28-C36)	52.3		50.0		mg/Kg		06/14/22 08:41	06/14/22 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/14/22 08:41	06/14/22 16:26	1
o-Terphenyl	101		70 - 130	06/14/22 08:41	06/14/22 16:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.95		mg/Kg			06/15/22 11:05	1

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-15805-10

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/14/22 10:17	06/14/22 20:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/14/22 10:17	06/14/22 20:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/14/22 10:17	06/14/22 20:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/14/22 10:17	06/14/22 20:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/14/22 10:17	06/14/22 20:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/14/22 10:17	06/14/22 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/14/22 10:17	06/14/22 20:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/14/22 10:17	06/14/22 20:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-15805-10

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	370		49.9		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 14:36	1
Diesel Range Organics (Over C10-C28)	126		49.9		mg/Kg		06/14/22 08:41	06/14/22 14:36	1
Oil Range Organics (Over C28-C36)	244		49.9		mg/Kg		06/14/22 08:41	06/14/22 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/14/22 08:41	06/14/22 14:36	1
o-Terphenyl	101		70 - 130				06/14/22 08:41	06/14/22 14:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		25.3		mg/Kg			06/15/22 11:14	5

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15805-11

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 21:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 21:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 21:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/14/22 10:17	06/14/22 21:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 21:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/14/22 10:17	06/14/22 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/14/22 10:17	06/14/22 21:53	1
1,4-Difluorobenzene (Surr)	75		70 - 130				06/14/22 10:17	06/14/22 21:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	309		49.9		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/14/22 08:41	06/14/22 14:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15805-11

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	121		49.9		mg/Kg		06/14/22 08:41	06/14/22 14:58	1
Oil Range Organics (Over C28-C36)	188		49.9		mg/Kg		06/14/22 08:41	06/14/22 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/14/22 08:41	06/14/22 14:58	1
o-Terphenyl	101		70 - 130				06/14/22 08:41	06/14/22 14:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		4.96		mg/Kg			06/15/22 11:24	1

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15805-12

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 22:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/14/22 10:17	06/14/22 22:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/14/22 10:17	06/14/22 22:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1080		50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 15:20	1
Diesel Range Organics (Over C10-C28)	800		50.0		mg/Kg		06/14/22 08:41	06/14/22 15:20	1
Oil Range Organics (Over C28-C36)	281		50.0		mg/Kg		06/14/22 08:41	06/14/22 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/14/22 08:41	06/14/22 15:20	1
o-Terphenyl	109		70 - 130				06/14/22 08:41	06/14/22 15:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15805-12

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		5.00		mg/Kg			06/15/22 11:51	1

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15805-13

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 22:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 22:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 22:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/14/22 10:17	06/14/22 22:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 22:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/14/22 10:17	06/14/22 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/14/22 10:17	06/14/22 22:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/14/22 10:17	06/14/22 22:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 18:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/14/22 08:41	06/14/22 18:25	1
o-Terphenyl	111		70 - 130				06/14/22 08:41	06/14/22 18:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470		24.9		mg/Kg			06/15/22 12:00	5

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15805-14

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15805-14

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 22:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 10:17	06/14/22 22:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 10:17	06/14/22 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/14/22 10:17	06/14/22 22:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/14/22 10:17	06/14/22 22:55	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			06/15/22 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/15/22 09:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 18:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/14/22 08:41	06/14/22 18:47	1
o-Terphenyl	101		70 - 130				06/14/22 08:41	06/14/22 18:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.4		4.97		mg/Kg			06/15/22 12:28	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-15805-1	S-1 (0-3")	98	96				
880-15805-1 MS	S-1 (0-3")	104	99				
880-15805-1 MSD	S-1 (0-3")	109	91				
880-15805-2	S-1 (6")	109	91				
880-15805-3	S-1 (12")	106	98				
880-15805-4	S-1 (18")	105	89				
880-15805-5	S-1 (24")	106	90				
880-15805-6	S-2 (0-3")	92	87				
880-15805-7	S-2 (6")	100	98				
880-15805-8	S-3 (0-3")	108	91				
880-15805-9	S-3 (6")	108	95				
880-15805-10	H-1 (0-6")	108	94				
880-15805-11	H-2 (0-6")	98	75				
880-15805-12	H-3 (0-6")	115	91				
880-15805-13	H-4 (0-6")	111	96				
880-15805-14	H-5 (0-6")	111	94				
LCS 880-27492/1-A	Lab Control Sample	107	101				
LCSD 880-27492/2-A	Lab Control Sample Dup	103	99				
MB 880-27492/5-A	Method Blank	101	91				

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-15805-1	S-1 (0-3")	84	101				
880-15805-2	S-1 (6")	94	105				
880-15805-3	S-1 (12")	84	97				
880-15805-3 MS	S-1 (12")	93	94				
880-15805-3 MSD	S-1 (12")	90	96				
880-15805-4	S-1 (18")	89	100				
880-15805-5	S-1 (24")	84	97				
880-15805-6	S-2 (0-3")	98	114				
880-15805-7	S-2 (6")	86	100				
880-15805-8	S-3 (0-3")	89	103				
880-15805-9	S-3 (6")	92	101				
880-15805-10	H-1 (0-6")	88	101				
880-15805-11	H-2 (0-6")	91	101				
880-15805-12	H-3 (0-6")	99	109				
880-15805-13	H-4 (0-6")	98	111				
880-15805-14	H-5 (0-6")	87	101				
LCS 880-27468/2-A	Lab Control Sample	89	94				
LCSD 880-27468/3-A	Lab Control Sample Dup	86	94				
MB 880-27468/1-A	Method Blank	93	106				

Surrogate Legend

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Project/Site: Really Scary Federal Com 003H (5.10.22)

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 880-15805-1

SDG: Eddy Co NM

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27492/5-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/14/22 10:17	06/14/22 16:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/14/22 10:17	06/14/22 16:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/14/22 10:17	06/14/22 16:13	1

Lab Sample ID: LCS 880-27492/1-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27492

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1071		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1131		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.2264		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-27492/2-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27492

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1009		mg/Kg		101	70 - 130	9	35
Toluene	0.100	0.09632		mg/Kg		96	70 - 130	11	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2081		mg/Kg		104	70 - 130	8	35
o-Xylene	0.100	0.1045		mg/Kg		105	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15805-1 MS

Matrix: Solid

Analysis Batch: 27512

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

Prep Type: Total/NA

Prep Batch: 27492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.05015	F1	mg/Kg		50	70 - 130
Toluene	<0.00201	U F1 F2	0.100	0.03215	F1	mg/Kg		32	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-15805-1 MS

Matrix: Solid

Analysis Batch: 27512

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

Prep Type: Total/NA

Prep Batch: 27492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.100	0.01914	F1	mg/Kg		19	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.201	0.03946	F1	mg/Kg		19	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.01557	F1	mg/Kg		16	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15805-1 MSD

Matrix: Solid

Analysis Batch: 27512

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

Prep Type: Total/NA

Prep Batch: 27492

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0996	0.04436	F1	mg/Kg		45	70 - 130	12	35
Toluene	<0.00201	U F1 F2	0.0996	0.1398	F1 F2	mg/Kg		140	70 - 130	125	35
Ethylbenzene	<0.00201	U F1	0.0996	0.02145	F1	mg/Kg		22	70 - 130	11	35
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.04445	F1	mg/Kg		21	70 - 130	12	35
o-Xylene	<0.00201	U F1	0.0996	0.01631	F1	mg/Kg		16	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-27468/1-A

Matrix: Solid

Analysis Batch: 27463

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 11:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 11:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/14/22 08:41	06/14/22 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/14/22 08:41	06/14/22 11:20	1
o-Terphenyl	106		70 - 130	06/14/22 08:41	06/14/22 11:20	1

Lab Sample ID: LCS 880-27468/2-A

Matrix: Solid

Analysis Batch: 27463

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	962.4		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1015		mg/Kg		101	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-27468/2-A

Matrix: Solid

Analysis Batch: 27463

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27468

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: LCSD 880-27468/3-A

Matrix: Solid

Analysis Batch: 27463

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27468

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	971.9		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1016		mg/Kg		102	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-15805-3 MS

Matrix: Solid

Analysis Batch: 27463

Client Sample ID: S-1 (12")

Prep Type: Total/NA

Prep Batch: 27468

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	998	904.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	63.6		998	972.4		mg/Kg		91	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 880-15805-3 MSD

Matrix: Solid

Analysis Batch: 27463

Client Sample ID: S-1 (12")

Prep Type: Total/NA

Prep Batch: 27468

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	893.3		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	63.6		999	997.7		mg/Kg		94	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	96		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27452/1-A

Matrix: Solid

Analysis Batch: 27500

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/15/22 08:47	1

Lab Sample ID: LCS 880-27452/2-A

Matrix: Solid

Analysis Batch: 27500

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-27452/3-A

Matrix: Solid

Analysis Batch: 27500

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	261.0		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-15805-1 MS

Matrix: Solid

Analysis Batch: 27500

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2800	F1	2500	6086	F1	mg/Kg		132	90 - 110

Lab Sample ID: 880-15805-1 MSD

Matrix: Solid

Analysis Batch: 27500

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2800	F1	2500	6083	F1	mg/Kg		132	90 - 110	0	20

Lab Sample ID: 880-15805-11 MS

Matrix: Solid

Analysis Batch: 27500

Client Sample ID: H-2 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	204		248	475.9		mg/Kg		109	90 - 110

Lab Sample ID: 880-15805-11 MSD

Matrix: Solid

Analysis Batch: 27500

Client Sample ID: H-2 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	204		248	457.8		mg/Kg		102	90 - 110	4	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
 SDG: Eddy Co NM

GC VOA

Prep Batch: 27492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Total/NA	Solid	5035	
880-15805-2	S-1 (6")	Total/NA	Solid	5035	
880-15805-3	S-1 (12")	Total/NA	Solid	5035	
880-15805-4	S-1 (18")	Total/NA	Solid	5035	
880-15805-5	S-1 (24")	Total/NA	Solid	5035	
880-15805-6	S-2 (0-3")	Total/NA	Solid	5035	
880-15805-7	S-2 (6")	Total/NA	Solid	5035	
880-15805-8	S-3 (0-3")	Total/NA	Solid	5035	
880-15805-9	S-3 (6")	Total/NA	Solid	5035	
880-15805-10	H-1 (0-6")	Total/NA	Solid	5035	
880-15805-11	H-2 (0-6")	Total/NA	Solid	5035	
880-15805-12	H-3 (0-6")	Total/NA	Solid	5035	
880-15805-13	H-4 (0-6")	Total/NA	Solid	5035	
880-15805-14	H-5 (0-6")	Total/NA	Solid	5035	
MB 880-27492/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27492/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27492/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15805-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-15805-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

Analysis Batch: 27512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Total/NA	Solid	8021B	27492
880-15805-2	S-1 (6")	Total/NA	Solid	8021B	27492
880-15805-3	S-1 (12")	Total/NA	Solid	8021B	27492
880-15805-4	S-1 (18")	Total/NA	Solid	8021B	27492
880-15805-5	S-1 (24")	Total/NA	Solid	8021B	27492
880-15805-6	S-2 (0-3")	Total/NA	Solid	8021B	27492
880-15805-7	S-2 (6")	Total/NA	Solid	8021B	27492
880-15805-8	S-3 (0-3")	Total/NA	Solid	8021B	27492
880-15805-9	S-3 (6")	Total/NA	Solid	8021B	27492
880-15805-10	H-1 (0-6")	Total/NA	Solid	8021B	27492
880-15805-11	H-2 (0-6")	Total/NA	Solid	8021B	27492
880-15805-12	H-3 (0-6")	Total/NA	Solid	8021B	27492
880-15805-13	H-4 (0-6")	Total/NA	Solid	8021B	27492
880-15805-14	H-5 (0-6")	Total/NA	Solid	8021B	27492
MB 880-27492/5-A	Method Blank	Total/NA	Solid	8021B	27492
LCS 880-27492/1-A	Lab Control Sample	Total/NA	Solid	8021B	27492
LCSD 880-27492/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27492
880-15805-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	27492
880-15805-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	27492

Analysis Batch: 27569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-15805-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-15805-3	S-1 (12")	Total/NA	Solid	Total BTEX	
880-15805-4	S-1 (18")	Total/NA	Solid	Total BTEX	
880-15805-5	S-1 (24")	Total/NA	Solid	Total BTEX	
880-15805-6	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-15805-7	S-2 (6")	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
 SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 27569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-8	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-15805-9	S-3 (6")	Total/NA	Solid	Total BTEX	
880-15805-10	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-15805-11	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-15805-12	H-3 (0-6")	Total/NA	Solid	Total BTEX	
880-15805-13	H-4 (0-6")	Total/NA	Solid	Total BTEX	
880-15805-14	H-5 (0-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 27463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Total/NA	Solid	8015B NM	27468
880-15805-2	S-1 (6")	Total/NA	Solid	8015B NM	27468
880-15805-3	S-1 (12")	Total/NA	Solid	8015B NM	27468
880-15805-4	S-1 (18")	Total/NA	Solid	8015B NM	27468
880-15805-5	S-1 (24")	Total/NA	Solid	8015B NM	27468
880-15805-6	S-2 (0-3")	Total/NA	Solid	8015B NM	27468
880-15805-7	S-2 (6")	Total/NA	Solid	8015B NM	27468
880-15805-8	S-3 (0-3")	Total/NA	Solid	8015B NM	27468
880-15805-9	S-3 (6")	Total/NA	Solid	8015B NM	27468
880-15805-10	H-1 (0-6")	Total/NA	Solid	8015B NM	27468
880-15805-11	H-2 (0-6")	Total/NA	Solid	8015B NM	27468
880-15805-12	H-3 (0-6")	Total/NA	Solid	8015B NM	27468
880-15805-13	H-4 (0-6")	Total/NA	Solid	8015B NM	27468
880-15805-14	H-5 (0-6")	Total/NA	Solid	8015B NM	27468
MB 880-27468/1-A	Method Blank	Total/NA	Solid	8015B NM	27468
LCS 880-27468/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27468
LCSD 880-27468/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27468
880-15805-3 MS	S-1 (12")	Total/NA	Solid	8015B NM	27468
880-15805-3 MSD	S-1 (12")	Total/NA	Solid	8015B NM	27468

Prep Batch: 27468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-15805-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-15805-3	S-1 (12")	Total/NA	Solid	8015NM Prep	
880-15805-4	S-1 (18")	Total/NA	Solid	8015NM Prep	
880-15805-5	S-1 (24")	Total/NA	Solid	8015NM Prep	
880-15805-6	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-15805-7	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-15805-8	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-15805-9	S-3 (6")	Total/NA	Solid	8015NM Prep	
880-15805-10	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-15805-11	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-15805-12	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-15805-13	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-15805-14	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-27468/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27468/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27468/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-15805-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 27468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-3 MS	S-1 (12")	Total/NA	Solid	8015NM Prep	
880-15805-3 MSD	S-1 (12")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-15805-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-15805-3	S-1 (12")	Total/NA	Solid	8015 NM	
880-15805-4	S-1 (18")	Total/NA	Solid	8015 NM	
880-15805-5	S-1 (24")	Total/NA	Solid	8015 NM	
880-15805-6	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-15805-7	S-2 (6")	Total/NA	Solid	8015 NM	
880-15805-8	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-15805-9	S-3 (6")	Total/NA	Solid	8015 NM	
880-15805-10	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-15805-11	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-15805-12	H-3 (0-6")	Total/NA	Solid	8015 NM	
880-15805-13	H-4 (0-6")	Total/NA	Solid	8015 NM	
880-15805-14	H-5 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-15805-2	S-1 (6")	Soluble	Solid	DI Leach	
880-15805-3	S-1 (12")	Soluble	Solid	DI Leach	
880-15805-4	S-1 (18")	Soluble	Solid	DI Leach	
880-15805-5	S-1 (24")	Soluble	Solid	DI Leach	
880-15805-6	S-2 (0-3")	Soluble	Solid	DI Leach	
880-15805-7	S-2 (6")	Soluble	Solid	DI Leach	
880-15805-8	S-3 (0-3")	Soluble	Solid	DI Leach	
880-15805-9	S-3 (6")	Soluble	Solid	DI Leach	
880-15805-10	H-1 (0-6")	Soluble	Solid	DI Leach	
880-15805-11	H-2 (0-6")	Soluble	Solid	DI Leach	
880-15805-12	H-3 (0-6")	Soluble	Solid	DI Leach	
880-15805-13	H-4 (0-6")	Soluble	Solid	DI Leach	
880-15805-14	H-5 (0-6")	Soluble	Solid	DI Leach	
MB 880-27452/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27452/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27452/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15805-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-15805-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	
880-15805-11 MS	H-2 (0-6")	Soluble	Solid	DI Leach	
880-15805-11 MSD	H-2 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 27500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-1	S-1 (0-3")	Soluble	Solid	300.0	27452
880-15805-2	S-1 (6")	Soluble	Solid	300.0	27452
880-15805-3	S-1 (12")	Soluble	Solid	300.0	27452

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-15805-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 27500 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15805-4	S-1 (18")	Soluble	Solid	300.0	27452
880-15805-5	S-1 (24")	Soluble	Solid	300.0	27452
880-15805-6	S-2 (0-3")	Soluble	Solid	300.0	27452
880-15805-7	S-2 (6")	Soluble	Solid	300.0	27452
880-15805-8	S-3 (0-3")	Soluble	Solid	300.0	27452
880-15805-9	S-3 (6")	Soluble	Solid	300.0	27452
880-15805-10	H-1 (0-6")	Soluble	Solid	300.0	27452
880-15805-11	H-2 (0-6")	Soluble	Solid	300.0	27452
880-15805-12	H-3 (0-6")	Soluble	Solid	300.0	27452
880-15805-13	H-4 (0-6")	Soluble	Solid	300.0	27452
880-15805-14	H-5 (0-6")	Soluble	Solid	300.0	27452
MB 880-27452/1-A	Method Blank	Soluble	Solid	300.0	27452
LCS 880-27452/2-A	Lab Control Sample	Soluble	Solid	300.0	27452
LCSD 880-27452/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27452
880-15805-1 MS	S-1 (0-3")	Soluble	Solid	300.0	27452
880-15805-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	27452
880-15805-11 MS	H-2 (0-6")	Soluble	Solid	300.0	27452
880-15805-11 MSD	H-2 (0-6")	Soluble	Solid	300.0	27452

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-15805-1

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 17:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		5			27463	06/14/22 13:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		10			27500	06/15/22 09:15	CH	XEN MID

Client Sample ID: S-1 (6")

Lab Sample ID: 880-15805-2

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 17:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 14:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		10			27500	06/15/22 09:42	CH	XEN MID

Client Sample ID: S-1 (12")

Lab Sample ID: 880-15805-3

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 18:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 12:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		5			27500	06/15/22 09:52	CH	XEN MID

Client Sample ID: S-1 (18")

Lab Sample ID: 880-15805-4

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 18:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: S-1 (18")

Lab Sample ID: 880-15805-4

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 10:01	CH	XEN MID

Client Sample ID: S-1 (24")

Lab Sample ID: 880-15805-5

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 18:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 17:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 10:10	CH	XEN MID

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-15805-6

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 19:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 18:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 10:38	CH	XEN MID

Client Sample ID: S-2 (6")

Lab Sample ID: 880-15805-7

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 19:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 15:42	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
 SDG: Eddy Co NM

Client Sample ID: S-2 (6")

Lab Sample ID: 880-15805-7

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 10:47	CH	XEN MID

Client Sample ID: S-3 (0-3")

Lab Sample ID: 880-15805-8

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 19:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 16:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 10:56	CH	XEN MID

Client Sample ID: S-3 (6")

Lab Sample ID: 880-15805-9

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 20:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 16:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 11:05	CH	XEN MID

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-15805-10

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 20:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 14:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		5			27500	06/15/22 11:14	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-15805-11

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 21:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 11:24	CH	XEN MID

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-15805-12

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 22:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 15:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 11:51	CH	XEN MID

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-15805-13

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 22:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		5			27500	06/15/22 12:00	CH	XEN MID

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-15805-14

Date Collected: 06/13/22 00:00

Matrix: Solid

Date Received: 06/13/22 16:40

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	27492	06/14/22 10:17	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/14/22 22:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27569	06/15/22 09:34	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Client Sample ID: H-5 (0-6")
Date Collected: 06/13/22 00:00
Date Received: 06/13/22 16:40

Lab Sample ID: 880-15805-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27565	06/15/22 09:18	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27468	06/14/22 08:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27463	06/14/22 18:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27452	06/13/22 16:45	CH	XEN MID
Soluble	Analysis	300.0		1			27500	06/15/22 12:28	CH	XEN MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-15805-1
SDG: Eddy 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

Job ID: 880-15805-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15805-1	S-1 (0-3")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-2	S-1 (6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-3	S-1 (12")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-4	S-1 (18")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-5	S-1 (24")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-6	S-2 (0-3")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-7	S-2 (6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-8	S-3 (0-3")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-9	S-3 (6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-10	H-1 (0-6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-11	H-2 (0-6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-12	H-3 (0-6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-13	H-4 (0-6")	Solid	06/13/22 00:00	06/13/22 16:40
880-15805-14	H-5 (0-6")	Solid	06/13/22 00:00	06/13/22 16:40

Work Order No: 15805

Page 1 of 2

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 ☐ JRC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Really Scary Federal Com 003H (5 10 22)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST		Preservative Codes
Project Number	1076	Due Date	48 Hr				None NO DI Water H ₂ O
Project Location	Eddy Co, NM	TAT starts the day received by the lab if received by 4 30pm					Cool Cool MeOH Me
Sampler's Name	AT						HCL HC HNO ₃ HN
PO #:							H ₂ SO ₄ H ₂ NaOH Na
SAMPLE RECEIPT							H ₃ PO ₄ HP
Received Intact	Yes ☒ No ☐	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐			NaHSO ₄ NABIS
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor					Na ₂ S ₂ O ₃ NaSO ₃
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading					Zn Acetate+NaOH Zn
Total Containers		Corrected Temperature	1.0				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
S-1 (0-3")	6/13/2022	-	X		G	1	X	X	X		
S-1 (6")	6/13/2022	-	X		G	1	X	X	X		
S-1 (12")	6/13/2022	-	X		G	1	X	X	X		
S-1 (18")	6/13/2022	-	X		G	1	X	X	X		
S-1 (24")	6/13/2022	-	X		G	1	X	X	X		
S-2 (0-3")	6/13/2022	-	X		G	1	X	X	X		
S-2 (6")	6/13/2022	-	X		G	1	X	X	X		
S-3 (0-3")	6/13/2022	-	X		G	1	X	X	X		
S-3 (6")	6/13/2022	-	X		G	1	X	X	X		
H-1 (0-6")	6/13/2022	-	X		G	1	X	X	X		

Comments:



880-15805 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	6/13/22	<i>[Signature]</i>	

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

Work Order No: 15805

Page 2 of 2

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 ☐ RC ☐ perfund
State of Project:	
Reporting Level II	☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Really Scary Federal Com 003H (5 10 22)	Turn Around	☐ Routine ☒ Rush	48 Hr	Due Date	TAT starts the day received by the lab if received by 4 30pm	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1076																	None NO	DI Water- H ₂ O		
Project Location	Eddy Co, NM																	Cool Cool	MeOH Me		
Sampler's Name	AT																	HCL HC	HNO ₃ HN		
PO #																		H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes	No	Wet Ice	Yes	No												H ₃ PO ₄ HP			
Received Intact	Yes	No		Thermometer ID														NaHSO ₄ NABIS			
Cooler Custody Seals	Yes	No	N/A	Correction Factor														Na ₂ S ₂ O ₃ NASO ₃			
Sample Custody Seals	Yes	No	N/A	Temperature Reading														Zn Acetate+NaOH Zn			
Total Containers				Corrected Temperature														NaOH+Ascorbic Acid SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments		
H-2 (0-6")	6/13/2022	-	X		G	1	BTX 8021B												Loc: 880		
H-3 (0-6")	6/13/2022	-	X		G	1	TPH 8015M (GRO + DRO + MRO)												15805		
H-4 (0-6")	6/13/2022	-	X		G	1	Chloride 300.0														
H-5 (0-6")	6/13/2022	-	X		G	1															

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/13/22		16:40

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15805-1

SDG Number: Eddy Co NM

Login Number: 15805

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-16414-1

Laboratory Sample Delivery Group: Eddy Co, NM

Client Project/Site: Really Scary Federal Com 003H (5.10.22)

For:

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

Attn: Conner Moehring

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

Authorized for release by:

6/30/2022 2:53:25 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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: Really Scary Federal Com 003H (5.10.22)

Laboratory Job ID: 880-16414-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Job ID: 880-16414-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-16414-1****Receipt**

The samples were received on 6/29/2022 8:58 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-28624 and analytical batch 880-28610 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-28626/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-28627 and analytical batch 880-28605 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: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-16414-1

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 11:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/29/22 09:14	06/29/22 11:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/29/22 09:14	06/29/22 11:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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 F1	49.9		mg/Kg		06/29/22 09:53	06/29/22 11:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 11:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 11:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	06/29/22 09:53	06/29/22 11:09	1
o-Terphenyl	123		70 - 130	06/29/22 09:53	06/29/22 11:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		5.05		mg/Kg			06/29/22 22:22	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-16414-2

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 12:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 12:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/29/22 09:14	06/29/22 12:13	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/29/22 09:14	06/29/22 12:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-16414-2

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 12:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 12:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				06/29/22 09:53	06/29/22 12:14	1
o-Terphenyl	124		70 - 130				06/29/22 09:53	06/29/22 12:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		4.95		mg/Kg			06/29/22 22:50	1

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-16414-3

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 12:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 12:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 12:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 12:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 12:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/29/22 09:14	06/29/22 12:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/29/22 09:14	06/29/22 12:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 12:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 12:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-16414-3

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				06/29/22 09:53	06/29/22 12:35	1
o-Terphenyl	121		70 - 130				06/29/22 09:53	06/29/22 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.99		mg/Kg			06/29/22 22:59	1

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-16414-4

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 12:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 12:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 12:54	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/22 09:14	06/29/22 12:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 12:54	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/22 09:14	06/29/22 12:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/22 09:14	06/29/22 12:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/29/22 09:14	06/29/22 12:54	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			06/29/22 14:53	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			06/30/22 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		06/29/22 09:53	06/29/22 12:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/29/22 09:53	06/29/22 12:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/29/22 09:53	06/29/22 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				06/29/22 09:53	06/29/22 12:57	1
o-Terphenyl	120		70 - 130				06/29/22 09:53	06/29/22 12:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.97		mg/Kg			06/29/22 23:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-16414-5

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 13:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 13:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 13:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 13:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 13:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/29/22 09:14	06/29/22 13:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/29/22 09:14	06/29/22 13:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 13:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	06/29/22 09:53	06/29/22 13:18	1
o-Terphenyl	120		70 - 130	06/29/22 09:53	06/29/22 13:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		4.96		mg/Kg			06/29/22 23:18	1

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-16414-6

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 13:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 13:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 13:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/29/22 09:14	06/29/22 13:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/22 09:14	06/29/22 13:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/29/22 09:14	06/29/22 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/29/22 09:14	06/29/22 13:35	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/29/22 09:14	06/29/22 13:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-16414-6

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 13:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 13:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				06/29/22 09:53	06/29/22 13:40	1
o-Terphenyl	115		70 - 130				06/29/22 09:53	06/29/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.98		mg/Kg			06/29/22 23:27	1

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-16414-7

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 13:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 13:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/29/22 09:14	06/29/22 13:56	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/29/22 09:14	06/29/22 13:56	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			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 14:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-16414-7

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/29/22 09:53	06/29/22 14:01	1
o-Terphenyl	116		70 - 130				06/29/22 09:53	06/29/22 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		5.00		mg/Kg			06/29/22 23:36	1

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-16414-8

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 14:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/29/22 09:14	06/29/22 14:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/29/22 09:14	06/29/22 14:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 14:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				06/29/22 09:53	06/29/22 14:23	1
o-Terphenyl	124		70 - 130				06/29/22 09:53	06/29/22 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.4		5.04		mg/Kg			06/30/22 00:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-16414-9

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 14:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 14:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 14:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 14:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 14:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/22 09:14	06/29/22 14:36	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/29/22 09:14	06/29/22 14:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 14:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	06/29/22 09:53	06/29/22 14:44	1
o-Terphenyl	115		70 - 130	06/29/22 09:53	06/29/22 14:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		4.97		mg/Kg			06/30/22 00:13	1

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-16414-10

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 14:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 14:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/29/22 09:14	06/29/22 14:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/29/22 09:14	06/29/22 14:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-16414-10

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/29/22 09:53	06/29/22 15:06	1
o-Terphenyl	117		70 - 130				06/29/22 09:53	06/29/22 15:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		4.99		mg/Kg			06/30/22 00:41	1

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-16414-11

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 16:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 16:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 16:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 16:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 16:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/22 09:14	06/29/22 16:48	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/29/22 09:14	06/29/22 16:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 15:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 15:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-16414-11

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				06/29/22 09:53	06/29/22 15:49	1
o-Terphenyl	124		70 - 130				06/29/22 09:53	06/29/22 15:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.6		4.98		mg/Kg			06/30/22 00:50	1

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-16414-12

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/29/22 09:14	06/29/22 17:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/29/22 09:14	06/29/22 17:09	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			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 16:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 16:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/29/22 09:53	06/29/22 16:10	1
o-Terphenyl	116		70 - 130				06/29/22 09:53	06/29/22 16:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.5		5.00		mg/Kg			06/30/22 00:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-16414-13

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/29/22 09:14	06/29/22 17:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/29/22 09:14	06/29/22 17:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/29/22 09:14	06/29/22 17:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/29/22 09:14	06/29/22 17:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/29/22 09:14	06/29/22 17:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/29/22 09:14	06/29/22 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/29/22 09:14	06/29/22 17:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/29/22 09:14	06/29/22 17:29	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 16:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 16:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	06/29/22 09:53	06/29/22 16:32	1
o-Terphenyl	123		70 - 130	06/29/22 09:53	06/29/22 16:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		5.00		mg/Kg			06/30/22 01:08	1

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-16414-14

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 17:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 17:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/22 09:14	06/29/22 17:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/29/22 09:14	06/29/22 17:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-16414-14

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 16:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 16:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				06/29/22 09:53	06/29/22 16:53	1
o-Terphenyl	119		70 - 130				06/29/22 09:53	06/29/22 16:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		4.99		mg/Kg			06/30/22 01:17	1

Client Sample ID: CS-15 (1.5')

Lab Sample ID: 880-16414-15

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 18:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/22 09:14	06/29/22 18:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/29/22 09:14	06/29/22 18:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 17:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 17:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-15 (1.5')

Lab Sample ID: 880-16414-15

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				06/29/22 09:53	06/29/22 17:14	1
o-Terphenyl	119		70 - 130				06/29/22 09:53	06/29/22 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		5.04		mg/Kg			06/30/22 01:27	1

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-16414-16

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 18:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 18:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 18:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 18:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 18:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/29/22 09:14	06/29/22 18:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/29/22 09:14	06/29/22 18:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 17:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 17:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/29/22 09:53	06/29/22 17:36	1
o-Terphenyl	118		70 - 130				06/29/22 09:53	06/29/22 17:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.1		4.98		mg/Kg			06/30/22 01:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-16414-17

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/22 09:14	06/29/22 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/22 09:14	06/29/22 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/29/22 09:14	06/29/22 18:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/29/22 09:14	06/29/22 18:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 17:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 17:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	06/29/22 09:53	06/29/22 17:58	1
o-Terphenyl	115		70 - 130	06/29/22 09:53	06/29/22 17:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		4.98		mg/Kg			06/30/22 05:55	1

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-16414-18

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/22 09:14	06/29/22 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/29/22 09:14	06/29/22 19:11	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/29/22 09:14	06/29/22 19:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-16414-18

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 18:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 18:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:53	06/29/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/29/22 09:53	06/29/22 18:19	1
o-Terphenyl	113		70 - 130				06/29/22 09:53	06/29/22 18:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		5.00		mg/Kg			06/30/22 06:18	1

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-16414-19

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 19:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 19:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/29/22 09:14	06/29/22 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/29/22 09:14	06/29/22 19:32	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/29/22 09:14	06/29/22 19:32	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			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 18:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-16414-19

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/29/22 09:53	06/29/22 18:41	1
o-Terphenyl	116		70 - 130				06/29/22 09:53	06/29/22 18:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0		4.99		mg/Kg			06/30/22 06:26	1

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-16414-20

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 19:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 19:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 19:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 19:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:14	06/29/22 19:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/22 09:14	06/29/22 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/29/22 09:14	06/29/22 19:52	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/29/22 09:14	06/29/22 19:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:53	06/29/22 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				06/29/22 09:53	06/29/22 19:03	1
o-Terphenyl	115		70 - 130				06/29/22 09:53	06/29/22 19:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		4.95		mg/Kg			06/30/22 06:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-16414-21

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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		06/29/22 09:20	06/29/22 23:31	1
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		06/29/22 09:20	06/29/22 23:31	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		06/29/22 09:20	06/29/22 23:31	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		06/29/22 09:20	06/29/22 23:31	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		06/29/22 09:20	06/29/22 23:31	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		06/29/22 09:20	06/29/22 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/29/22 09:20	06/29/22 23:31	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/29/22 09:20	06/29/22 23:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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 F1	49.9		mg/Kg		06/29/22 09:57	06/29/22 11:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:57	06/29/22 11:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:57	06/29/22 11:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	06/29/22 09:57	06/29/22 11:09	1
o-Terphenyl	107		70 - 130	06/29/22 09:57	06/29/22 11:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.61		4.97		mg/Kg			06/30/22 06:42	1

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-16414-22

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/29/22 09:20	06/29/22 23:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/29/22 09:20	06/29/22 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	06/29/22 09:20	06/29/22 23:51	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/29/22 09:20	06/29/22 23:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-16414-22

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 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		06/29/22 09:57	06/29/22 12:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:57	06/29/22 12:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:57	06/29/22 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/29/22 09:57	06/29/22 12:14	1
o-Terphenyl	104		70 - 130				06/29/22 09:57	06/29/22 12:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		5.05		mg/Kg			06/30/22 07:05	1

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-16414-23

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:20	06/30/22 00:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:20	06/30/22 00:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:20	06/30/22 00:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/22 09:20	06/30/22 00:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/22 09:20	06/30/22 00:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/22 09:20	06/30/22 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/29/22 09:20	06/30/22 00:12	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/29/22 09:20	06/30/22 00:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/29/22 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 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		06/29/22 09:57	06/29/22 12:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 09:57	06/29/22 12:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-16414-23

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 09:57	06/29/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/29/22 09:57	06/29/22 12:35	1
o-Terphenyl	107		70 - 130				06/29/22 09:57	06/29/22 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		5.04		mg/Kg			06/30/22 07:13	1

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-16414-24

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/30/22 00:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/30/22 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/30/22 00:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/29/22 09:20	06/30/22 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/30/22 00:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/29/22 09:20	06/30/22 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/29/22 09:20	06/30/22 00:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/29/22 09:20	06/30/22 00:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/29/22 14:53	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			06/30/22 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		06/29/22 09:57	06/29/22 12:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/29/22 09:57	06/29/22 12:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/29/22 09:57	06/29/22 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/29/22 09:57	06/29/22 12:57	1
o-Terphenyl	98		70 - 130				06/29/22 09:57	06/29/22 12:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.23		5.00		mg/Kg			06/30/22 07:21	1

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy 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)
880-16414-1	CS-1 (1.5')	108	100
880-16414-1 MS	CS-1 (1.5')	101	98
880-16414-1 MSD	CS-1 (1.5')	99	97
880-16414-2	CS-2 (1.5')	104	101
880-16414-3	CS-3 (1.5')	107	101
880-16414-4	CS-4 (1.5')	108	100
880-16414-5	CS-5 (1.5')	106	93
880-16414-6	CS-6 (1.5')	103	97
880-16414-7	CS-7 (1.5')	106	102
880-16414-8	CS-8 (1.5')	107	99
880-16414-9	CS-9 (1.5')	107	102
880-16414-10	CS-10 (1.5')	113	105
880-16414-11	CS-11 (1.5')	108	101
880-16414-12	CS-12 (1.5')	105	100
880-16414-13	CS-13 (1.5')	105	101
880-16414-14	CS-14 (1.5')	107	98
880-16414-15	CS-15 (1.5')	108	101
880-16414-16	CS-16 (1.5')	110	103
880-16414-17	SW-1 (1.5')	106	101
880-16414-18	SW-2 (1.5')	113	103
880-16414-19	SW-3 (1.5')	109	103
880-16414-20	SW-4 (1.5')	109	102
880-16414-21	SW-5 (1.5')	109	99
880-16414-21 MS	SW-5 (1.5')	107	103
880-16414-21 MSD	SW-5 (1.5')	113	101
880-16414-22	SW-6 (1.5')	107	98
880-16414-23	SW-7 (1.5')	105	98
880-16414-24	SW-8 (1.5')	104	96
LCS 880-28616/1-A	Lab Control Sample	98	95
LCS 880-28624/1-A	Lab Control Sample	107	98
LCSD 880-28616/2-A	Lab Control Sample Dup	102	100
LCSD 880-28624/2-A	Lab Control Sample Dup	110	102
MB 880-28616/5-A	Method Blank	99	96
MB 880-28624/5-A	Method Blank	99	97

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)
880-16414-1	CS-1 (1.5')	112	123
880-16414-1 MS	CS-1 (1.5')	99	98
880-16414-1 MSD	CS-1 (1.5')	101	99
880-16414-2	CS-2 (1.5')	116	124
880-16414-3	CS-3 (1.5')	114	121

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-16414-4	CS-4 (1.5')	111	120
880-16414-5	CS-5 (1.5')	111	120
880-16414-6	CS-6 (1.5')	108	115
880-16414-7	CS-7 (1.5')	107	116
880-16414-8	CS-8 (1.5')	115	124
880-16414-9	CS-9 (1.5')	108	115
880-16414-10	CS-10 (1.5')	110	117
880-16414-11	CS-11 (1.5')	116	124
880-16414-12	CS-12 (1.5')	107	116
880-16414-13	CS-13 (1.5')	113	123
880-16414-14	CS-14 (1.5')	110	119
880-16414-15	CS-15 (1.5')	112	119
880-16414-16	CS-16 (1.5')	107	118
880-16414-17	SW-1 (1.5')	107	115
880-16414-18	SW-2 (1.5')	106	113
880-16414-19	SW-3 (1.5')	107	116
880-16414-20	SW-4 (1.5')	106	115
880-16414-21	SW-5 (1.5')	100	107
880-16414-21 MS	SW-5 (1.5')	107	97
880-16414-21 MSD	SW-5 (1.5')	92	83
880-16414-22	SW-6 (1.5')	96	104
880-16414-23	SW-7 (1.5')	99	107
880-16414-24	SW-8 (1.5')	93	98
LCS 880-28626/2-A	Lab Control Sample	94	93
LCS 880-28627/2-A	Lab Control Sample	99	104
LCSD 880-28626/3-A	Lab Control Sample Dup	107	108
LCSD 880-28627/3-A	Lab Control Sample Dup	90	93
MB 880-28626/1-A	Method Blank	118	131 S1+
MB 880-28627/1-A	Method Blank	99	111

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28616/5-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/29/22 09:14	06/29/22 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:14	06/29/22 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/29/22 09:14	06/29/22 11:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/29/22 09:14	06/29/22 11:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/29/22 09:14	06/29/22 11:24	1

Lab Sample ID: LCS 880-28616/1-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07468		mg/Kg		75	70 - 130
Toluene	0.100	0.08405		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.07435		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	0.200	0.1507		mg/Kg		75	70 - 130
o-Xylene	0.100	0.08555		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-28616/2-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28616

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07148		mg/Kg		71	70 - 130	4	35
Toluene	0.100	0.07805		mg/Kg		78	70 - 130	7	35
Ethylbenzene	0.100	0.07003		mg/Kg		70	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1421		mg/Kg		71	70 - 130	6	35
o-Xylene	0.100	0.08185		mg/Kg		82	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-16414-1 MS

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 28616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09302		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.0998	0.1041		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-16414-1 MS

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 28616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.09370		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1899		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1064		mg/Kg		107	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-16414-1 MSD

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 28616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09340		mg/Kg		94	70 - 130	0	35
Toluene	<0.00200	U	0.0994	0.1022		mg/Kg		103	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0994	0.09179		mg/Kg		92	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1860		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.00200	U	0.0994	0.1059		mg/Kg		107	70 - 130	0	35

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

Lab Sample ID: MB 880-28624/5-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28624

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/29/22 09:20	06/29/22 23:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/29/22 09:20	06/29/22 23:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/29/22 09:20	06/29/22 23:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/29/22 09:20	06/29/22 23:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/29/22 09:20	06/29/22 23:02	1

Lab Sample ID: LCS 880-28624/1-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08406		mg/Kg		84	70 - 130
Toluene	0.100	0.09562		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.08441		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1710		mg/Kg		86	70 - 130

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QC Sample Results

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-28624/1-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28624

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-28624/2-A

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28624

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09490		mg/Kg		95	70 - 130	12	35
Toluene	0.100	0.1002		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.08941		mg/Kg		89	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1805		mg/Kg		90	70 - 130	5	35
o-Xylene	0.100	0.1055		mg/Kg		105	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-16414-21 MS

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 28624

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.0998	0.08084		mg/Kg		81	70 - 130
Toluene	<0.00199	U F1 F2	0.0998	0.06317	F1	mg/Kg		63	70 - 130
Ethylbenzene	<0.00199	U F1	0.0998	0.05993	F1	mg/Kg		60	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1108	F1	mg/Kg		56	70 - 130
o-Xylene	<0.00199	U F1	0.0998	0.07570		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-16414-21 MSD

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 28624

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0994	0.06213	F1	mg/Kg		63	70 - 130	26	35
Toluene	<0.00199	U F1 F2	0.0994	0.04398	F1 F2	mg/Kg		44	70 - 130	36	35
Ethylbenzene	<0.00199	U F1	0.0994	0.04288	F1	mg/Kg		43	70 - 130	33	35
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.07858	F1	mg/Kg		40	70 - 130	34	35
o-Xylene	<0.00199	U F1	0.0994	0.06071	F1	mg/Kg		61	70 - 130	22	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-16414-21 MSD

Matrix: Solid

Analysis Batch: 28610

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 28624

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-28626/1-A

Matrix: Solid

Analysis Batch: 28603

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28626

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 10:05	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 10:05	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:53	06/29/22 10:05	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	118		70 - 130				06/29/22 09:53	06/29/22 10:05	1	
o-Terphenyl	131	S1+	70 - 130				06/29/22 09:53	06/29/22 10:05	1	

Lab Sample ID: LCS 880-28626/2-A

Matrix: Solid

Analysis Batch: 28603

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28626

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	1102		mg/Kg		110	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	94		70 - 130							
o-Terphenyl	93		70 - 130							

Lab Sample ID: LCSD 880-28626/3-A

Matrix: Solid

Analysis Batch: 28603

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28626

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1151		mg/Kg		115	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1206		mg/Kg		121	70 - 130	13	20
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	107		70 - 130								
o-Terphenyl	108		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-16414-1 MS

Matrix: Solid

Analysis Batch: 28603

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 28626

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	996	1203		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1032		mg/Kg		102	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	99		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 880-16414-1 MSD

Matrix: Solid

Analysis Batch: 28603

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 28626

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	996	1315	F1	mg/Kg		132	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1061		mg/Kg		105	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: MB 880-28627/1-A

Matrix: Solid

Analysis Batch: 28605

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 09:57	06/29/22 10:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 09:57	06/29/22 10:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 09:57	06/29/22 10:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/29/22 09:57	06/29/22 10:05	1
o-Terphenyl	111		70 - 130				06/29/22 09:57	06/29/22 10:05	1

Lab Sample ID: LCS 880-28627/2-A

Matrix: Solid

Analysis Batch: 28605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	874.4		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1061		mg/Kg		106	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-28627/2-A

Matrix: Solid

Analysis Batch: 28605

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28627

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-28627/3-A

Matrix: Solid

Analysis Batch: 28605

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28627

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	791.5		mg/Kg		79	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	917.5		mg/Kg		92	70 - 130	15	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	93		70 - 130								

Lab Sample ID: 880-16414-21 MS

Matrix: Solid

Analysis Batch: 28605

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 28627

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	996	1441	F1	mg/Kg		145	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1312		mg/Kg		129	70 - 130		

Lab Sample ID: 880-16414-21 MSD

Matrix: Solid

Analysis Batch: 28605

Client Sample ID: SW-5 (1.5')

Prep Type: Total/NA

Prep Batch: 28627

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	996	1243		mg/Kg		125	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1134		mg/Kg		111	70 - 130	15	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	83		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28629/1-A

Matrix: Solid

Analysis Batch: 28664

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/29/22 20:59	1

Lab Sample ID: LCS 880-28629/2-A

Matrix: Solid

Analysis Batch: 28664

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.3		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-28629/3-A

Matrix: Solid

Analysis Batch: 28664

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	262.2		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-16414-7 MS

Matrix: Solid

Analysis Batch: 28664

Client Sample ID: CS-7 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	13.8		250	283.4		mg/Kg		108	90 - 110

Lab Sample ID: 880-16414-7 MSD

Matrix: Solid

Analysis Batch: 28664

Client Sample ID: CS-7 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.8		250	283.3		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-28630/1-A

Matrix: Solid

Analysis Batch: 28665

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/30/22 05:31	1

Lab Sample ID: LCS 880-28630/2-A

Matrix: Solid

Analysis Batch: 28665

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-28630/3-A

Matrix: Solid

Analysis Batch: 28665

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	256.8		mg/Kg		103	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-16414-17 MS

Matrix: Solid

Analysis Batch: 28665

Client Sample ID: SW-1 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.8		249	260.6		mg/Kg		99	90 - 110

Lab Sample ID: 880-16414-17 MSD

Matrix: Solid

Analysis Batch: 28665

Client Sample ID: SW-1 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.8		249	261.8		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

GC VOA

Analysis Batch: 28610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Total/NA	Solid	8021B	28616
880-16414-2	CS-2 (1.5')	Total/NA	Solid	8021B	28616
880-16414-3	CS-3 (1.5')	Total/NA	Solid	8021B	28616
880-16414-4	CS-4 (1.5')	Total/NA	Solid	8021B	28616
880-16414-5	CS-5 (1.5')	Total/NA	Solid	8021B	28616
880-16414-6	CS-6 (1.5')	Total/NA	Solid	8021B	28616
880-16414-7	CS-7 (1.5')	Total/NA	Solid	8021B	28616
880-16414-8	CS-8 (1.5')	Total/NA	Solid	8021B	28616
880-16414-9	CS-9 (1.5')	Total/NA	Solid	8021B	28616
880-16414-10	CS-10 (1.5')	Total/NA	Solid	8021B	28616
880-16414-11	CS-11 (1.5')	Total/NA	Solid	8021B	28616
880-16414-12	CS-12 (1.5')	Total/NA	Solid	8021B	28616
880-16414-13	CS-13 (1.5')	Total/NA	Solid	8021B	28616
880-16414-14	CS-14 (1.5')	Total/NA	Solid	8021B	28616
880-16414-15	CS-15 (1.5')	Total/NA	Solid	8021B	28616
880-16414-16	CS-16 (1.5')	Total/NA	Solid	8021B	28616
880-16414-17	SW-1 (1.5')	Total/NA	Solid	8021B	28616
880-16414-18	SW-2 (1.5')	Total/NA	Solid	8021B	28616
880-16414-19	SW-3 (1.5')	Total/NA	Solid	8021B	28616
880-16414-20	SW-4 (1.5')	Total/NA	Solid	8021B	28616
880-16414-21	SW-5 (1.5')	Total/NA	Solid	8021B	28624
880-16414-22	SW-6 (1.5')	Total/NA	Solid	8021B	28624
880-16414-23	SW-7 (1.5')	Total/NA	Solid	8021B	28624
880-16414-24	SW-8 (1.5')	Total/NA	Solid	8021B	28624
MB 880-28616/5-A	Method Blank	Total/NA	Solid	8021B	28616
MB 880-28624/5-A	Method Blank	Total/NA	Solid	8021B	28624
LCS 880-28616/1-A	Lab Control Sample	Total/NA	Solid	8021B	28616
LCS 880-28624/1-A	Lab Control Sample	Total/NA	Solid	8021B	28624
LCSD 880-28616/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28616
LCSD 880-28624/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28624
880-16414-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	28616
880-16414-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	28616
880-16414-21 MS	SW-5 (1.5')	Total/NA	Solid	8021B	28624
880-16414-21 MSD	SW-5 (1.5')	Total/NA	Solid	8021B	28624

Prep Batch: 28616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-16414-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-16414-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-16414-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-16414-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-16414-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-16414-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-16414-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-16414-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-16414-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-16414-11	CS-11 (1.5')	Total/NA	Solid	5035	
880-16414-12	CS-12 (1.5')	Total/NA	Solid	5035	
880-16414-13	CS-13 (1.5')	Total/NA	Solid	5035	
880-16414-14	CS-14 (1.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 28616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-15	CS-15 (1.5')	Total/NA	Solid	5035	
880-16414-16	CS-16 (1.5')	Total/NA	Solid	5035	
880-16414-17	SW-1 (1.5')	Total/NA	Solid	5035	
880-16414-18	SW-2 (1.5')	Total/NA	Solid	5035	
880-16414-19	SW-3 (1.5')	Total/NA	Solid	5035	
880-16414-20	SW-4 (1.5')	Total/NA	Solid	5035	
MB 880-28616/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28616/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28616/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16414-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-16414-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Prep Batch: 28624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-21	SW-5 (1.5')	Total/NA	Solid	5035	
880-16414-22	SW-6 (1.5')	Total/NA	Solid	5035	
880-16414-23	SW-7 (1.5')	Total/NA	Solid	5035	
880-16414-24	SW-8 (1.5')	Total/NA	Solid	5035	
MB 880-28624/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28624/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28624/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16414-21 MS	SW-5 (1.5')	Total/NA	Solid	5035	
880-16414-21 MSD	SW-5 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 28676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-11	CS-11 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-12	CS-12 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-13	CS-13 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-14	CS-14 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-15	CS-15 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-16	CS-16 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-17	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-18	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-19	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-20	SW-4 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-21	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-22	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-23	SW-7 (1.5')	Total/NA	Solid	Total BTEX	
880-16414-24	SW-8 (1.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 28603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-11	CS-11 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-12	CS-12 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-13	CS-13 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-14	CS-14 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-15	CS-15 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-16	CS-16 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-17	SW-1 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-18	SW-2 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-19	SW-3 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-20	SW-4 (1.5')	Total/NA	Solid	8015B NM	28626
MB 880-28626/1-A	Method Blank	Total/NA	Solid	8015B NM	28626
LCS 880-28626/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28626
LCSD 880-28626/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28626
880-16414-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	28626
880-16414-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	28626

Analysis Batch: 28605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-21	SW-5 (1.5')	Total/NA	Solid	8015B NM	28627
880-16414-22	SW-6 (1.5')	Total/NA	Solid	8015B NM	28627
880-16414-23	SW-7 (1.5')	Total/NA	Solid	8015B NM	28627
880-16414-24	SW-8 (1.5')	Total/NA	Solid	8015B NM	28627
MB 880-28627/1-A	Method Blank	Total/NA	Solid	8015B NM	28627
LCS 880-28627/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28627
LCSD 880-28627/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28627
880-16414-21 MS	SW-5 (1.5')	Total/NA	Solid	8015B NM	28627
880-16414-21 MSD	SW-5 (1.5')	Total/NA	Solid	8015B NM	28627

Prep Batch: 28626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-11	CS-11 (1.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 28626 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-12	CS-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-13	CS-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-14	CS-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-15	CS-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-16	CS-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-17	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-18	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-19	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-20	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-28626/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28626/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28626/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16414-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 28627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-21	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-22	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-23	SW-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-24	SW-8 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-28627/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28627/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28627/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16414-21 MS	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-16414-21 MSD	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-16414-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-16414-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-16414-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-16414-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-16414-6	CS-6 (1.5')	Total/NA	Solid	8015 NM	
880-16414-7	CS-7 (1.5')	Total/NA	Solid	8015 NM	
880-16414-8	CS-8 (1.5')	Total/NA	Solid	8015 NM	
880-16414-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-16414-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-16414-11	CS-11 (1.5')	Total/NA	Solid	8015 NM	
880-16414-12	CS-12 (1.5')	Total/NA	Solid	8015 NM	
880-16414-13	CS-13 (1.5')	Total/NA	Solid	8015 NM	
880-16414-14	CS-14 (1.5')	Total/NA	Solid	8015 NM	
880-16414-15	CS-15 (1.5')	Total/NA	Solid	8015 NM	
880-16414-16	CS-16 (1.5')	Total/NA	Solid	8015 NM	
880-16414-17	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-16414-18	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-16414-19	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-16414-20	SW-4 (1.5')	Total/NA	Solid	8015 NM	
880-16414-21	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-16414-22	SW-6 (1.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 28727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-23	SW-7 (1.5')	Total/NA	Solid	8015 NM	
880-16414-24	SW-8 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 28629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-16414-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-16414-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-16414-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-16414-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-16414-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-16414-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
880-16414-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-16414-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-16414-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-16414-11	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-16414-12	CS-12 (1.5')	Soluble	Solid	DI Leach	
880-16414-13	CS-13 (1.5')	Soluble	Solid	DI Leach	
880-16414-14	CS-14 (1.5')	Soluble	Solid	DI Leach	
880-16414-15	CS-15 (1.5')	Soluble	Solid	DI Leach	
880-16414-16	CS-16 (1.5')	Soluble	Solid	DI Leach	
MB 880-28629/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28629/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28629/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16414-7 MS	CS-7 (1.5')	Soluble	Solid	DI Leach	
880-16414-7 MSD	CS-7 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 28630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-17	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-16414-18	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-16414-19	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-16414-20	SW-4 (1.5')	Soluble	Solid	DI Leach	
880-16414-21	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-16414-22	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-16414-23	SW-7 (1.5')	Soluble	Solid	DI Leach	
880-16414-24	SW-8 (1.5')	Soluble	Solid	DI Leach	
MB 880-28630/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28630/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28630/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16414-17 MS	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-16414-17 MSD	SW-1 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 28664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-1	CS-1 (1.5')	Soluble	Solid	300.0	28629
880-16414-2	CS-2 (1.5')	Soluble	Solid	300.0	28629
880-16414-3	CS-3 (1.5')	Soluble	Solid	300.0	28629
880-16414-4	CS-4 (1.5')	Soluble	Solid	300.0	28629

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 28664 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-5	CS-5 (1.5')	Soluble	Solid	300.0	28629
880-16414-6	CS-6 (1.5')	Soluble	Solid	300.0	28629
880-16414-7	CS-7 (1.5')	Soluble	Solid	300.0	28629
880-16414-8	CS-8 (1.5')	Soluble	Solid	300.0	28629
880-16414-9	CS-9 (1.5')	Soluble	Solid	300.0	28629
880-16414-10	CS-10 (1.5')	Soluble	Solid	300.0	28629
880-16414-11	CS-11 (1.5')	Soluble	Solid	300.0	28629
880-16414-12	CS-12 (1.5')	Soluble	Solid	300.0	28629
880-16414-13	CS-13 (1.5')	Soluble	Solid	300.0	28629
880-16414-14	CS-14 (1.5')	Soluble	Solid	300.0	28629
880-16414-15	CS-15 (1.5')	Soluble	Solid	300.0	28629
880-16414-16	CS-16 (1.5')	Soluble	Solid	300.0	28629
MB 880-28629/1-A	Method Blank	Soluble	Solid	300.0	28629
LCS 880-28629/2-A	Lab Control Sample	Soluble	Solid	300.0	28629
LCSD 880-28629/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28629
880-16414-7 MS	CS-7 (1.5')	Soluble	Solid	300.0	28629
880-16414-7 MSD	CS-7 (1.5')	Soluble	Solid	300.0	28629

Analysis Batch: 28665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16414-17	SW-1 (1.5')	Soluble	Solid	300.0	28630
880-16414-18	SW-2 (1.5')	Soluble	Solid	300.0	28630
880-16414-19	SW-3 (1.5')	Soluble	Solid	300.0	28630
880-16414-20	SW-4 (1.5')	Soluble	Solid	300.0	28630
880-16414-21	SW-5 (1.5')	Soluble	Solid	300.0	28630
880-16414-22	SW-6 (1.5')	Soluble	Solid	300.0	28630
880-16414-23	SW-7 (1.5')	Soluble	Solid	300.0	28630
880-16414-24	SW-8 (1.5')	Soluble	Solid	300.0	28630
MB 880-28630/1-A	Method Blank	Soluble	Solid	300.0	28630
LCS 880-28630/2-A	Lab Control Sample	Soluble	Solid	300.0	28630
LCSD 880-28630/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28630
880-16414-17 MS	SW-1 (1.5')	Soluble	Solid	300.0	28630
880-16414-17 MSD	SW-1 (1.5')	Soluble	Solid	300.0	28630

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-16414-1

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 11:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 11:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 22:22	CH	XEN MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-16414-2

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 12:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 12:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 22:50	CH	XEN MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-16414-3

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 12:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 12:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 22:59	CH	XEN MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-16414-4

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 12:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
 SDG: Eddy Co, NM

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-16414-4

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 23:08	CH	XEN MID

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-16414-5

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 13:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 13:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 23:18	CH	XEN MID

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-16414-6

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 13:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 13:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 23:27	CH	XEN MID

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-16414-7

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 13:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 14:01	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-7 (1.5')

Lab Sample ID: 880-16414-7

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/29/22 23:36	CH	XEN MID

Client Sample ID: CS-8 (1.5')

Lab Sample ID: 880-16414-8

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 14:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 14:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 00:04	CH	XEN MID

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-16414-9

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 14:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 14:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 00:13	CH	XEN MID

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-16414-10

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 14:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 15:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 00:41	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-11 (1.5')

Lab Sample ID: 880-16414-11

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 16:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 15:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 00:50	CH	XEN MID

Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-16414-12

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 17:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 16:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 00:59	CH	XEN MID

Client Sample ID: CS-13 (1.5')

Lab Sample ID: 880-16414-13

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 17:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 16:32	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 01:08	CH	XEN MID

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-16414-14

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 17:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-16414-14

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 16:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 01:17	CH	XEN MID

Client Sample ID: CS-15 (1.5')

Lab Sample ID: 880-16414-15

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 18:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 17:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 01:27	CH	XEN MID

Client Sample ID: CS-16 (1.5')

Lab Sample ID: 880-16414-16

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 18:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 17:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28629	06/29/22 10:03	CH	XEN MID
Soluble	Analysis	300.0		1			28664	06/30/22 01:36	CH	XEN MID

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-16414-17

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 18:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 17:58	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-1 (1.5')

Date Collected: 06/28/22 00:00

Date Received: 06/29/22 08:58

Lab Sample ID: 880-16414-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 05:55	CH	XEN MID

Client Sample ID: SW-2 (1.5')

Date Collected: 06/28/22 00:00

Date Received: 06/29/22 08:58

Lab Sample ID: 880-16414-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 19:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 18:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 06:18	CH	XEN MID

Client Sample ID: SW-3 (1.5')

Date Collected: 06/28/22 00:00

Date Received: 06/29/22 08:58

Lab Sample ID: 880-16414-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 19:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 18:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 06:26	CH	XEN MID

Client Sample ID: SW-4 (1.5')

Date Collected: 06/28/22 00:00

Date Received: 06/29/22 08:58

Lab Sample ID: 880-16414-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	28616	06/29/22 09:14	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 19:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28626	06/29/22 09:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28603	06/29/22 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 06:34	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-16414-21

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28624	06/29/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 23:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28627	06/29/22 09:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28605	06/29/22 11:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 06:42	CH	XEN MID

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-16414-22

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28624	06/29/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/29/22 23:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28627	06/29/22 09:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28605	06/29/22 12:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 07:05	CH	XEN MID

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-16414-23

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28624	06/29/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/30/22 00:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28627	06/29/22 09:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28605	06/29/22 12:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 07:13	CH	XEN MID

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-16414-24

Date Collected: 06/28/22 00:00

Matrix: Solid

Date Received: 06/29/22 08:58

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	28624	06/29/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28610	06/30/22 00:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28676	06/29/22 14:53	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Client Sample ID: SW-8 (1.5')
Date Collected: 06/28/22 00:00
Date Received: 06/29/22 08:58

Lab Sample ID: 880-16414-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			28727	06/30/22 09:20	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28627	06/29/22 09:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28605	06/29/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28630	06/29/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			28665	06/30/22 07:21	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: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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

Job ID: 880-16414-1

Project/Site: Really Scary Federal Com 003H (5.10.22)

SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Really Scary Federal Com 003H (5.10.22)

Job ID: 880-16414-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16414-1	CS-1 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-2	CS-2 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-3	CS-3 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-4	CS-4 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-5	CS-5 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-6	CS-6 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-7	CS-7 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-8	CS-8 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-9	CS-9 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-10	CS-10 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-11	CS-11 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-12	CS-12 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-13	CS-13 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-14	CS-14 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-15	CS-15 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-16	CS-16 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-17	SW-1 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-18	SW-2 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-19	SW-3 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-20	SW-4 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-21	SW-5 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-22	SW-6 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-23	SW-7 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58
880-16414-24	SW-8 (1.5')	Solid	06/28/22 00:00	06/29/22 08:58

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880-16414 Chain of Custody

6/30/2022

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Project Manager	Clint Merritt	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	432-813-9044	Email	jacqui.harris@conocophillips.com

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

Project Name	Really Scary Federal Com 003H (5 10 22)	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	1076	☐ Routine	☒ Rush													None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM	Due Date	24 Hr													Cool Cool	MeOH Me	
Sampler's Name	CCM	TAT starts the day received by the lab if received by 4 30pm														HCL HC	HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Well Ice	Yes ☒ No ☐											HOLD		
Received Intact	Yes ☒ No ☐	Thermometer ID														H ₃ PO ₄ HP		
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor														NaHSO ₄ NABIS		
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading														Na ₂ S ₂ O ₃ NaSO ₃		
Total Containers		Corrected Temperature														Zn Acetate+NaOH Zn		
																NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-1 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-2 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-3 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-4 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-5 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-6 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-7 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-8 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-9 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									
CS-10 (1 5)	6/28/2022	-	X		Comp	1	X	X	X									

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		6/29/2022			

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16414
Work Order No.:

Page 2 of 3

Project Manager	Clint Merritt	Bill to (if different)	Jacqui Harris
Company Name	Carmora 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	432-813-9044	Email	jacqui.harris@conocophillips.com

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

Project Name	Really Scary Federal Com 003H (5 10 22)	Turn Around		Parameters	ANALYSIS REQUEST												Preservative Codes			
Project Number	1076	☐ Routine	☒ Rush		Post. Code															
Project Location	Eddy Co. NM	Due Date	24 Hr																	
Sampler's Name	CCM	TAT starts the day received by the lab if received by 4 30pm																		
PO #:																				
SAMPLE RECEIPT				Temp Blank	Yes	No	Well Ice	Yes	No											
Received Intact	Yes	No	Thermometer ID																	
Cooler Custody Seals	Yes	No	Correction Factor																	
Sample Custody Seals	Yes	No	Temperature Reading																	
Total Containers			Corrected Temperature																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-11 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
CS-12 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
CS-13 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
CS-14 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
CS-15 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
CS-16 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
SW-1 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
SW-2 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
SW-3 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										
SW-4 (1 5)	6/28/2022	-	X		Comp	1	X	X	X	X										

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/29/2022 8:58		

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Work Order No: 16414

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Project Manager	Clint Merritt	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	432-813-9044	Email	jacqui.harris@comocophilips.com

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

Project Name		Really Scary Federal Com 003H (5 10 22)		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1076	☐ Routine	☒ Rush	Due Date	24 Hr														None NO	DI Water- H ₂ O	
Project Location	Eddy Co. NM																		Cool Cool	MeOH Me	
Sampler's Name	CCM						TAT starts the day received by the lab if received by 4:30pm												HCL HC	HNO ₃ HN	
PO #																			H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank.	Yes No	Wet/Ice	Yes No															H ₃ PO ₄ HP	
Received Intact.		Yes No	Thermometer ID															NaHSO ₄ NABIS			
Cooler Custody Seals.		Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals		Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn			
Total Containers		Corrected Temperature																NaOH+Ascorbic Acid SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
SW-4 (1 5')		6/28/2022	-	X		Comp	1	X	X	X	X										
SW-5 (1 5')		6/28/2022	-	X		Comp	1	X	X	X	X										
SW-6 (1 5')		6/28/2022	-	X		Comp	1	X	X	X	X										
SW-7 (1 5')		6/28/2022	-	X		Comp	1	X	X	X	X										
SW-8 (1 5')		6/28/2022	-	X		Comp	1	X	X	X	X										

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/29/2022 858		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-16414-1

SDG Number: Eddy Co, NM

Login Number: 16414

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 130750

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 130750
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/30/2022