

CARMONA RESOURCES



SITE INFORMATION

Work Plan

Graham Cracker 2 State Com 001H (07.09.22)

Incident # NAPP2220644089

Eddy County, New Mexico

Unit M Sec 03 T26S R28E

32.065445°, -104.050353°

Produced Water Release

Point of Release: Hole in flowline due to corrosion

Release Date: 07.09.2022

Volume Released: 15.882 barrels of Produced Water

Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



Prepared for:

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

Prepared by:

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

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

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September 5, 2022

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

Re: Work Plan
Graham Cracker 2 State Com 001H (07.09.22)
Concho Operating, LLC
Incident # NAPP2220644089
Site Location: Unit M, S03, T26S, R28E
(Lat 32.065445°, Long -104.050353°)
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 the Graham Cracker 2 State Com 001H (07.09.22). The site is located at 32.065445°, -104.050353° within Unit M, S03, T26S, 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 July 9, 2022, from a flowline failure due to corrosion. It resulted in the release of approximately fifteen point eight hundred eighty-two (15.882) barrels of produced water, and zero (0) barrels were recovered. Refer to Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.62 miles Northwest of the site in S22, T26S, R28E and was drilled in 1961. The well has a reported depth to groundwater of 120' 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.

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4.0 Site Assessment Activities

Initial Assessment

On July 26, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) sample points and eight (8) horizontal samples were advanced to depths ranging from the surface to 4.5' 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.

Vertical delineation was not achieved due to the dense layer encountered. Refer to Table 1.

Trenching Activities

On September 22, 2022, Carmona Resources, LLC performed trenching activities to evaluate soil impacts stemming from the release. A total of five (5) trenches were advanced to depths ranging from the surface to 8' bgs inside 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.

Vertical delineation was achieved in all areas except area S-5 (Trench-4) which had chloride values ranging from 29,400 mg/kg at the surface to 1' bgs to 1,440 mg/kg at 4' bgs. Refer to Table 1.

5.0 Proposed Work Plan

Based on the analytical data and the detected TPH, and chloride concentrations, Concho proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The area of S-1/T-1 will be excavated to a depth of 2' below the surface and backfilled with clean material to grade.
- The area of S-2 will be excavated to a depth of 3.5' below the surface and backfilled with clean material to grade.
- The area of S-3/T-2 will be excavated to a depth of 6' below the surface and backfilled with clean material to grade.
- The area of S-4/T-3 will be excavated to a depth of 7' below the surface and backfilled with clean material to grade.
- The areas of S-5/T-4 and S-6/T-5 will be excavated to a depth of 5' below the surface and backfilled with clean material to grade.

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- An estimated 1,507 cubic yards will be removed and hauled to the nearest disposal, based on the maximum depth. However, it is subject to change if vertical delineation is achieved sooner.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.
- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, COG will excavate the impacted soils to the maximum extent possible.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

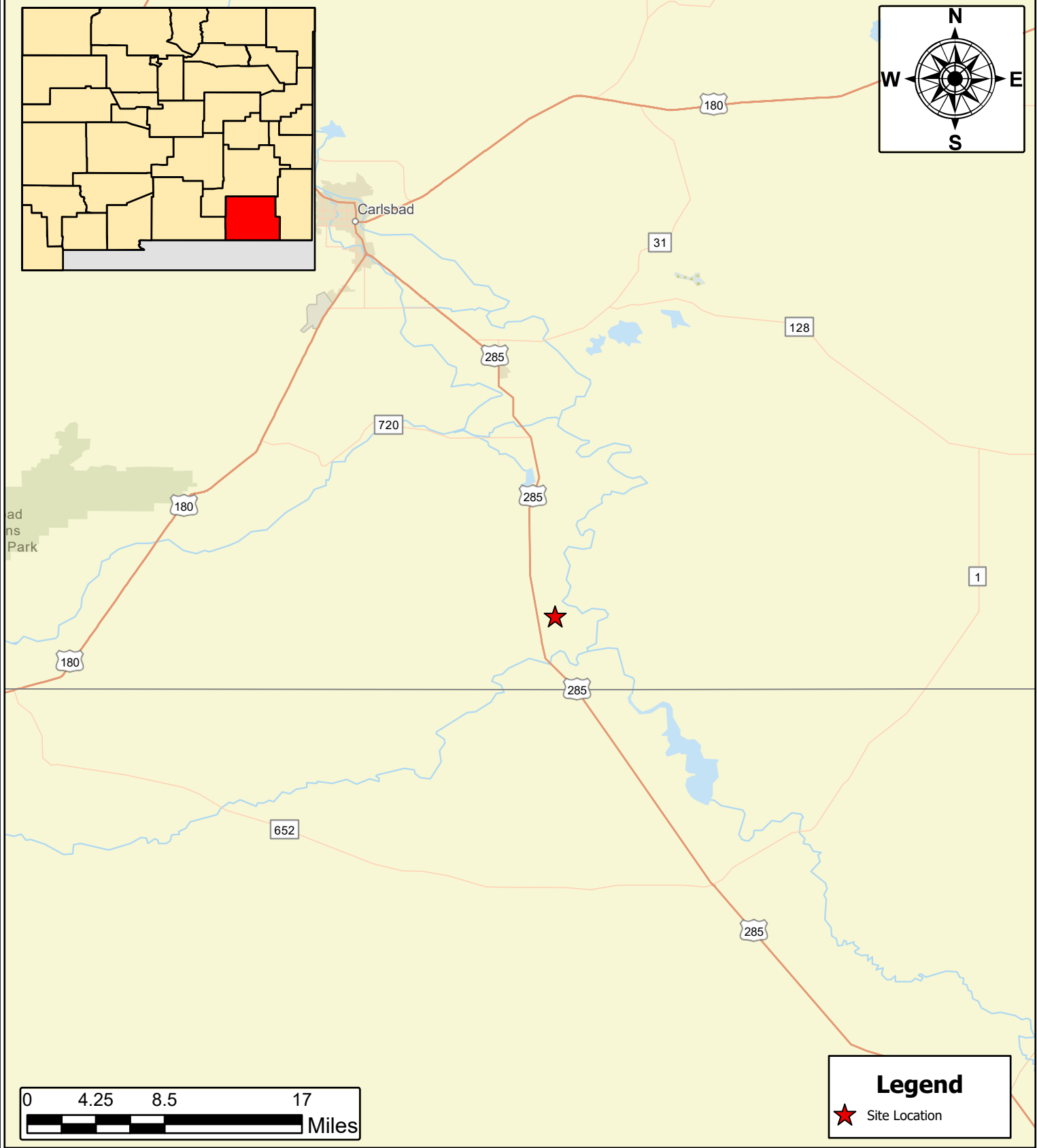
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP COG GRAHAM CRACKER 2 STATE COM 001H (07.09.22) EDDY COUNTY, NEW MEXICO 32.065445, -104.050353	
SCALE: As Shown	Date: 10/5/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
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NOTES: 1. Base Image: ESRI Maps & Data 2022 2. Map Projection: WGS84

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1

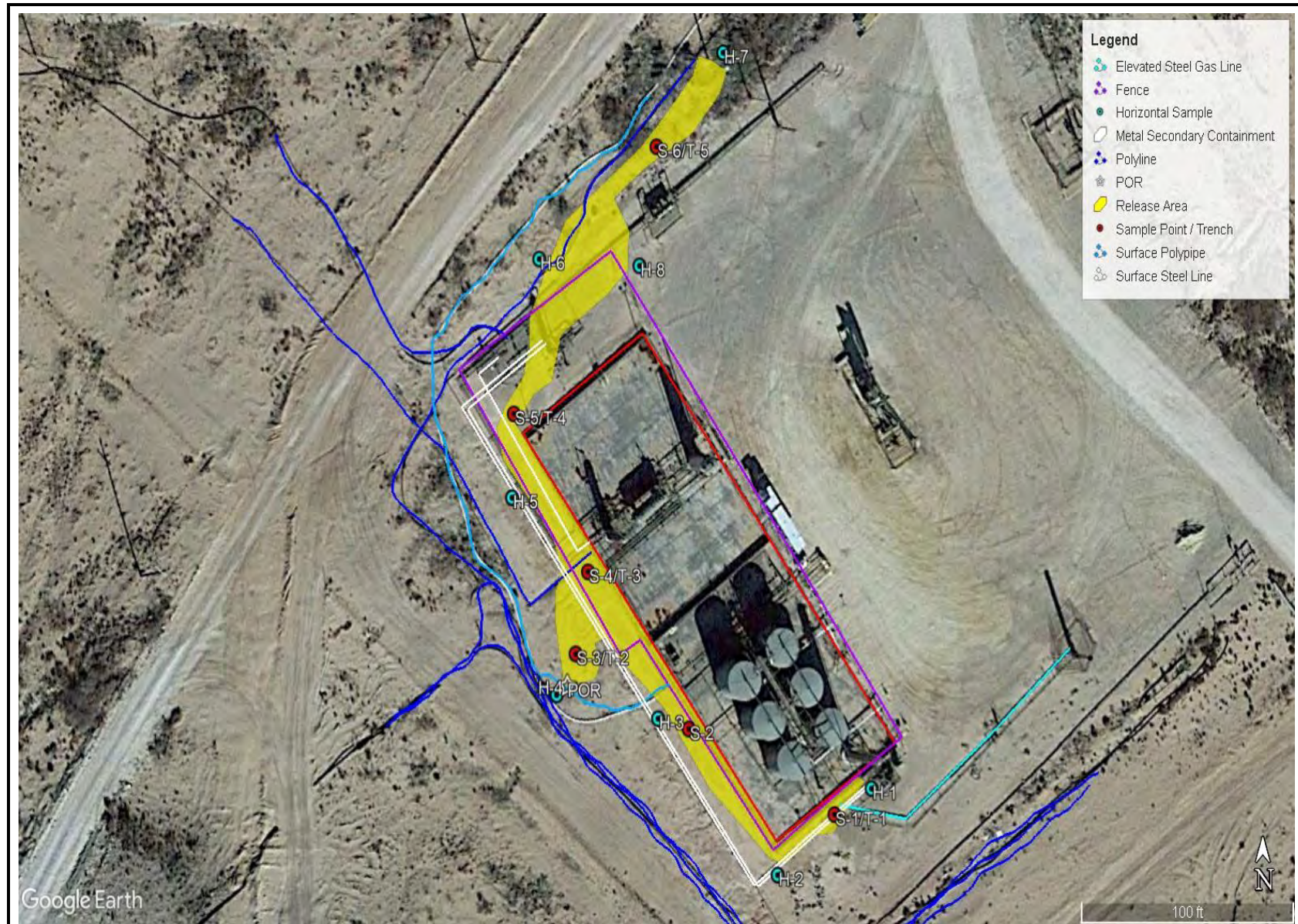


TOPOGRAPHIC MAP COG GRAHAM CRACKER 2 STATE COM 001H (07.09.22) EDDY COUNTY, NEW MEXICO 32.065445, -104.050353	
SCALE: As Shown	Date: 10/5/2022

 Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701
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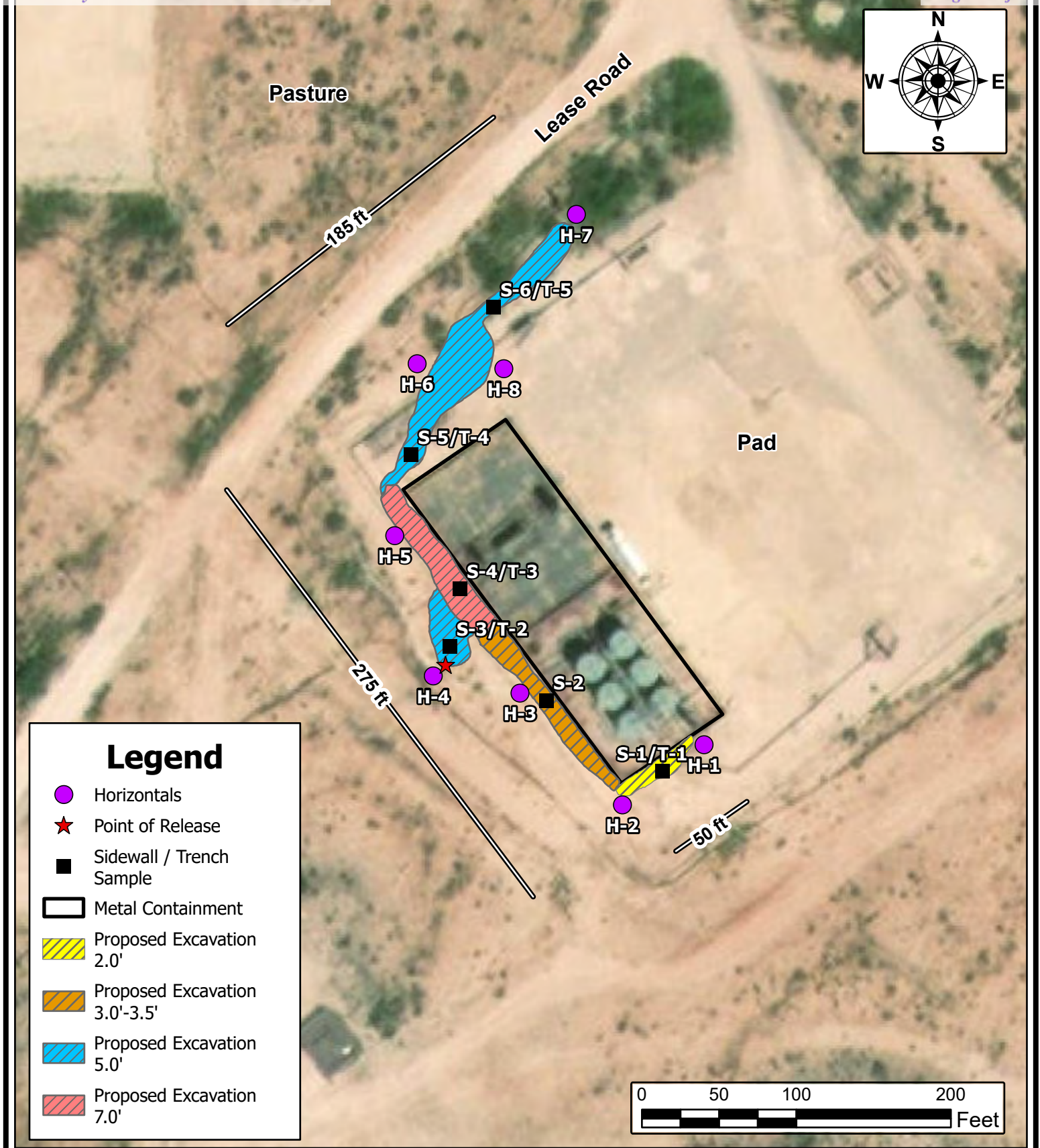
NOTES: 1. Base Image: ESRI Maps & Data 2022 2. Map Projection: WGS84

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



SAMPLE LOCATION MAP
COG OPERATING
GRAHAM CRACKER 2 STATE COM 001H (07.09.22)
EDDY COUNTY, NEW MEXICO
32.065445, -104.050353





Legend

- Horizontals
- ★ Point of Release
- Sidewall / Trench Sample
- Metal Containment
- Proposed Excavation 2.0'
- Proposed Excavation 3.0'-3.5'
- Proposed Excavation 5.0'
- Proposed Excavation 7.0'

PROPOSED EXCAVATION DEPTH MAP COG
 GRAHAM CRACKER 2 STATE COM 001H
 (07.09.22)
 EDDY COUNTY, NEW MEXICO
 32.065445, -104.050353

SCALE: As Shown

Date: 10/5/2022



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Graham Cracker 2 State Com 001H (07.09.22)
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	7/28/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,620	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,220	
T-1	9/22/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	12,100	
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12,200	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	225	
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113	
S-2	7/28/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,970	
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,180	
	"	2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	884	
	"	3.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	322	
	"	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	357	
S-3	7/28/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,650	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,010	
	"	2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,120	
	"	3.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	144	
	"	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,080	
T-2	9/22/2022	0-1	<50.0	131	<50.0	131	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23,300	
	"	1.5	<50.0	149	<50.0	149	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	25,900	
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,900	
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14,600	
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	13,600	
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,140	
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	400	
	"	7.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	180	
	"	8.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	53.9	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(T) Trenches

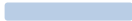
 Proposed Excavation

Table 1
COG
Graham Cracker 2 State Com 001H (07.09.22)
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						
S-4	7/28/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,780
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	246
	"	2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,840
	"	3.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,990
	"	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,480
T-3	9/22/2022	0-1	<49.9	89.0	<49.9	89.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18,700
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11,300
	"	2.0	<49.9	138	<49.9	138	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24,600
	"	3.0	<49.9	207	<49.9	207	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	19,700
	"	4.0	<50.0	111	<50.0	111	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21,100
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,900
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,160
S-5	7/28/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	4,430
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,190
T-4	9/22/2022	0-1	<49.8	52.3	<49.8	52.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29,400
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	18,100
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18,600
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,910
S-6	7/28/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,070
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,180
	"	2.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,650
	"	3.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,610
	"	4.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,640
T-5	9/22/2022	0-1	<49.8	110	<49.8	110	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	48.3
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17,800
	"	2.0	<50.0	315	74.9	390	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12,300
	"	3.0	<50.0	56.2	<50.0	56.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12,900
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,000
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	333
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	274
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

(T) Trenches

 Proposed Excavation

Table 1
COG
Graham Cracker 2 State Com 001H (07.09.22)
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						
H-1	7/28/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
H-2	7/28/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.2
H-3	7/28/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.6
H-4	7/28/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.7
H-5	7/28/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
H-6	7/28/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<5.02
H-7	7/28/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.89
H-8	7/28/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.98
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontal

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

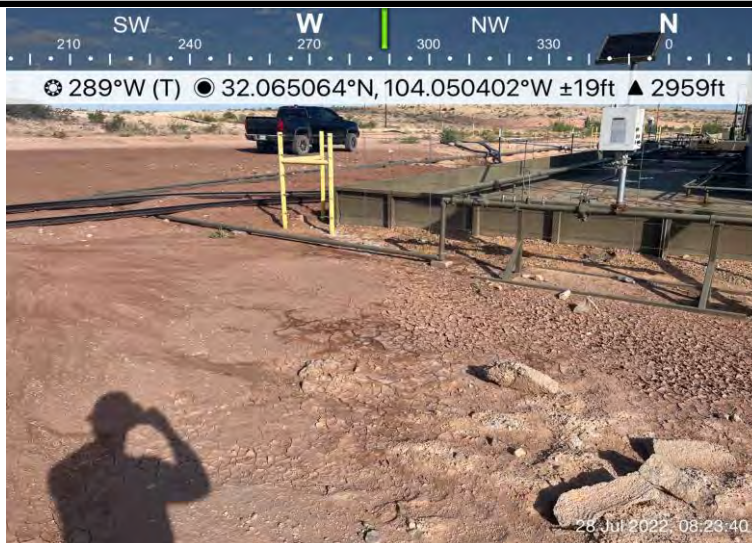
Photograph No. 1

Facility: Graham Cracker 2 State Com 001H
(07.09.22)

County: Eddy County, New Mexico

Description:

View West, area of S-1 (Trench-1).



Photograph No. 2

Facility: Graham Cracker 2 State Com 001H
(07.09.22)

County: Eddy County, New Mexico

Description:

View Northwest, area of S-2.



Photograph No. 3

Facility: Graham Cracker 2 State Com 001H
(07.09.22)

County: Eddy County, New Mexico

Description:

View Northwest, areas of S-3 (Trench-2) and S-4
(Trench-3).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Graham Cracker 2 State Com 001H
(07.09.22)

County: Eddy County, New Mexico

Description:

View North, area of S-5 (Trench-4).



Photograph No. 5

Facility: Graham Cracker 2 State Com 001H
(07.09.22)

County: Eddy County, New Mexico

Description:

View Northeast, area of S-6 (Trench-5).



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

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

L48 Spill Volume Estimate Form						
Facility Name & Number:		Graham Cracker 2 State #1H				
Asset Area:		DBW				
Release Discovery Date & Time:		7/9/2022				
Release Type:		Produced Water				
Provide any known details about the event:		White Poly line had leak				
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.)
Rectangle A	180.0	10.0	2.00	13.63%	53.400	7.278
Rectangle B	30.0	6.0	0.50	13.63%	1.335	0.182
Rectangle C	30.0	30.0	0.50	13.63%	6.675	0.910
Rectangle D	90.0	3.0	0.50	13.63%	2.003	0.273
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:						8.643

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

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Incident ID	
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Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 10/11/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD OnlyReceived by: Jocelyn Harimon Date: 10/11/2022☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Jennifer Nobui Date: _____

APPENDIX D

CARMONA RESOURCES



NEAREST WATER WELL

COG OPERATING

Legend

 0.50 Mile Radius

 0.62 Miles

 0.93 Miles

 0.97 Miles

 1.44 Miles

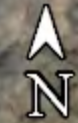
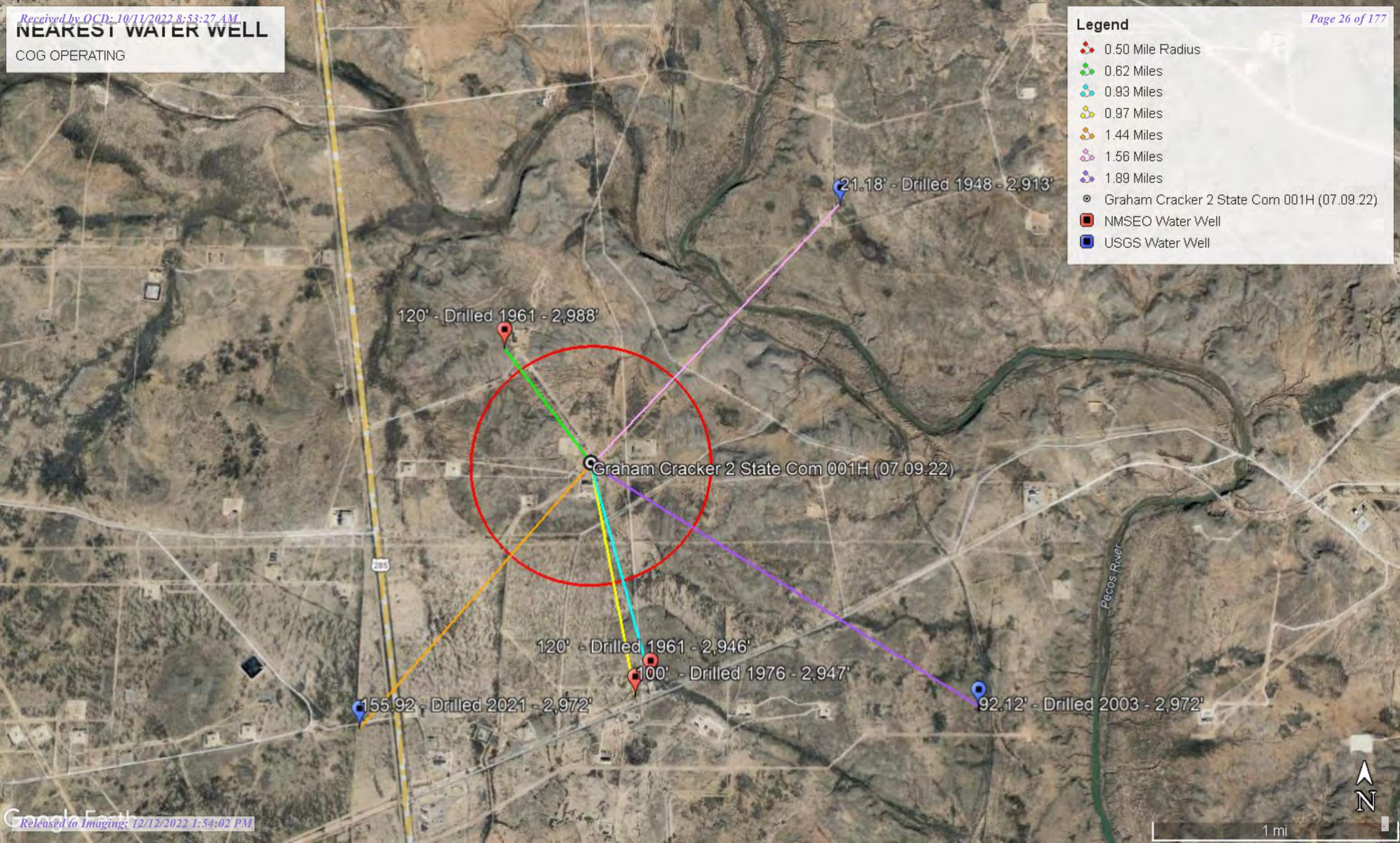
 1.56 Miles

 1.89 Miles

 Graham Cracker 2 State Com 001H (07.09.22)

 NMSEO Water Well

 USGS Water Well

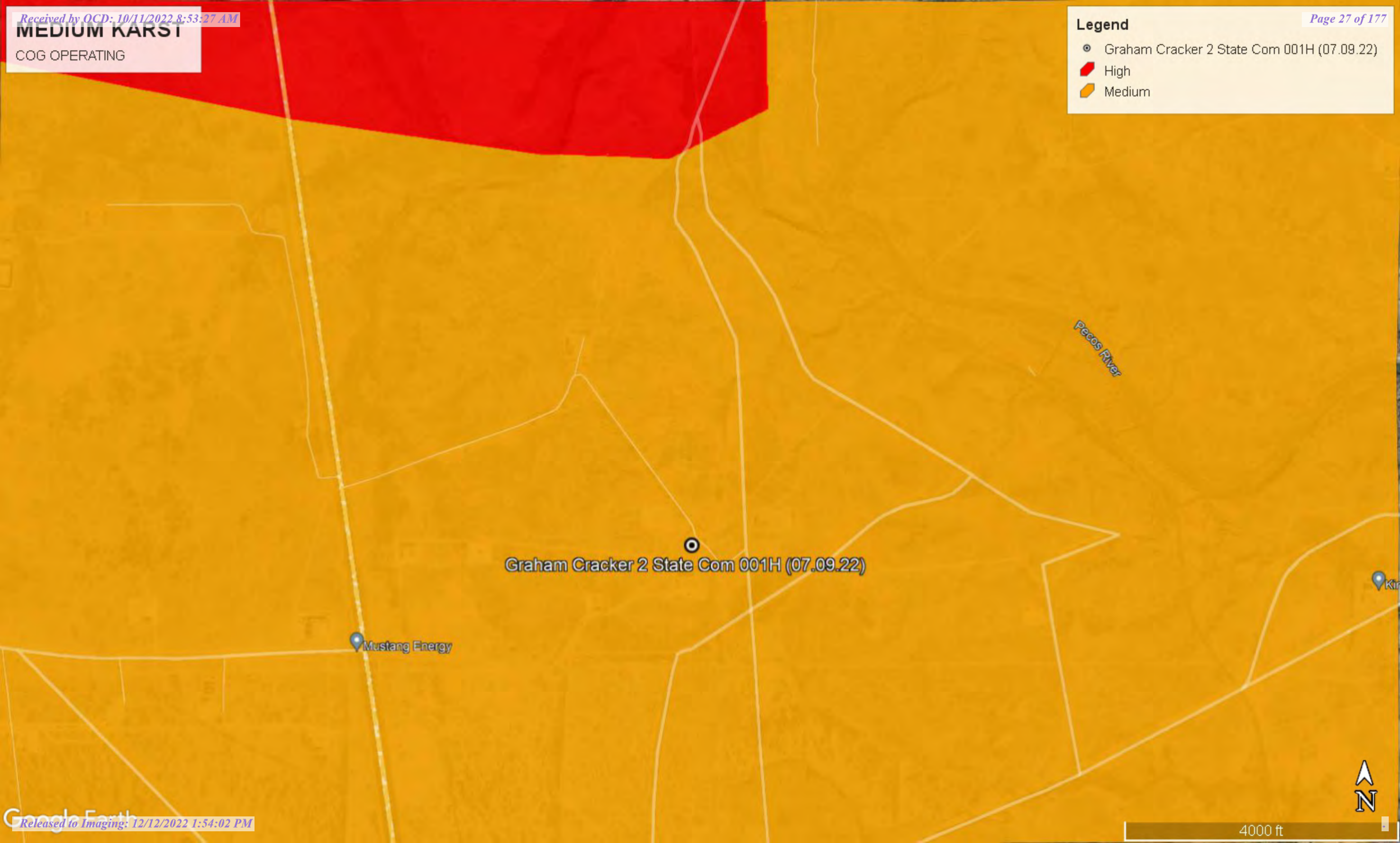


MEDIUM KARST

COG OPERATING

Legend

-  Graham Cracker 2 State Com 001H (07.09.22)
-  High
-  Medium





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 02924	C	ED		1	3	2	11	26S	28E	589032	3547451*	875			
C 02160 S9	CUB	ED		3	3	2	02	26S	28E	589020	3548868*	997	300	120	180
C 02894	C	ED		2	2	3	12	26S	28E	590458	3547061*	1311	240		
C 02160 S8	CUB	ED		2	3	3	12	26S	28E	590056	3546653*	1491	200	120	80
C 01668	CUB	ED			3	3	12	26S	28E	589957	3546554*	1563	250	100	150
C 02160 S	CUB	ED		1	1	2	14	26S	28E	589043	3546244*	1933	300	120	180
C 02160 S2	CUB	ED		1	1	2	14	26S	28E	589043	3546244*	1933	300	120	180
C 02160 S3	CUB	ED		2	2	1	14	26S	28E	588834	3546241*	2010	300	120	180
C 02160 S4	CUB	ED		2	2	1	14	26S	28E	588834	3546241*	2010	300	120	180
C 02160	CUB	ED		4	1	2	14	26S	28E	589243	3546044*	2077	300	120	180
C 02479	CUB	ED			4	4	10	26S	28E	587909	3546534*	2321	200		
C 02480	CUB	ED			4	4	10	26S	28E	587909	3546534*	2321	150		
C 02160 S5	CUB	ED		1	1	1	14	26S	28E	588225	3546237*	2325	300	120	180
C 02481	CUB	ED			1	1	14	26S	28E	588326	3546138*	2346	200		
C 02160 S6	CUB	ED		3	3	1	14	26S	28E	588232	3545635*	2823	300	120	180
C 04022 POD1	CUB	ED		4	4	2	15	26S	28E	588082	3545647	2891	220	175	45
C 02477	CUB	ED			1	1	03	26S	28E	586687	3549347*	3209	150		
C 03507 POD1	C	ED		1	3	3	05	26S	29E	593064	3548313	3434	140	78	62
C 03508 POD1	C	ED		1	3	3	05	26S	29E	593063	3548361	3437	140	75	65

Average Depth to Water: **116 feet**

Minimum Depth: **75 feet**

Maximum Depth: **175 feet**

Record Count: 19

UTMNAD83 Radius Search (in meters):

Easting (X): 589637.23

Northing (Y): 3548084.19

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.

7/29/22 7:53 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
C	02160 S9	3	3	2	02	26S	28E	589020	3548868*

Driller License:		Driller Company:	
Driller Name: HEMLER			
Drill Start Date:		Drill Finish Date:	06/01/1961
Log File Date:		PCW Rev Date:	Source: Shallow
Pump Type:		Pipe Discharge Size:	Estimated Yield:
Casing Size:		Depth Well:	300 feet
		Depth Water:	120 feet

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
C	02160 S8	2	3	3	12	26S	28E	590056	3546653* 
x									
Driller License:		Driller Company:							
Driller Name:		HEMLER							
Drill Start Date:		Drill Finish Date:		03/01/1961		Plug Date:			
Log File Date:		PCW Rcv Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		200 feet		Depth Water: 120 feet			

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01668	3	3	12	26S	28E	589957	3546554*	
Driller License: 224		Driller Company:				MULLIN, R.J.			
Driller Name:									
Drill Start Date: 03/22/1976		Drill Finish Date:				04/02/1976		Plug Date:	
Log File Date: 04/08/1976		PCW Rev Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield: 500 GPM	
Casing Size: 16.00		Depth Well:				250 feet		Depth Water: 100 feet	

Water Bearing Stratifications:		Top	Bottom	Description
		115	135	Limestone/Dolomite/Chalk
		135	147	Limestone/Dolomite/Chalk
		185	196	Limestone/Dolomite/Chalk
		236	238	Limestone/Dolomite/Chalk
Casing Perforations:		Top	Bottom	
		0	115	
		115	135	
		135	147	
		147	196	
		196	212	
		212	234	
		234	241	
		241	250	

*UTM location was derived from PLSS - see Help

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7/29/22 8:01 AM

POINT OF DIVERSION SUMMARY



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Data Category: Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320309104020401

Minimum number of levels = 1

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

USGS 320309104020401 26S.28E.14.11111

Eddy County, New Mexico

Latitude 32°02'59.0", Longitude 104°03'58.7" NAD83

Land-surface elevation 2,972.00 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
1978-01-13			D 62610		2849.66	NGVD29	1		Z	
1978-01-13			D 62611		2851.23	NAVD88	1		Z	
1978-01-13			D 72019	122.34			1		Z	
1983-01-25			D 62610		2844.62	NGVD29	1		Z	
1983-01-25			D 62611		2846.19	NAVD88	1		Z	
1983-01-25			D 72019	127.38			1		Z	
1987-10-14			D 62610		2865.60	NGVD29	1		Z	
1987-10-14			D 62611		2867.17	NAVD88	1		Z	
1987-10-14			D 72019	106.40			1		Z	
1993-01-05			D 62610		2871.58	NGVD29	1		S	
1993-01-05			D 62611		2873.15	NAVD88	1		S	
1993-01-05			D 72019	100.42			1		S	
1998-01-22			D 62610		2875.45	NGVD29	1		S	
1998-01-22			D 62611		2877.02	NAVD88	1		S	
1998-01-22			D 72019	96.55			1		S	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source measu
2003-01-27			D	62610	2874.98	NGVD29	1	S	USGS	
2003-01-27			D	62611	2876.55	NAVD88	1	S	USGS	
2003-01-27			D	72019	97.02		1	S	USGS	
2013-01-09	20:30 UTC		m	62610	2832.88	NGVD29	1	S	USGS	
2013-01-09	20:30 UTC		m	62611	2834.45	NAVD88	1	S	USGS	
2013-01-09	20:30 UTC		m	72019	139.12		1	S	USGS	
2018-02-14	21:26 UTC		m	62610		NGVD29	6	O	USGS	
2018-02-14	21:26 UTC		m	62611		NAVD88	6	O	USGS	
2018-02-14	21:26 UTC		m	72019			6	O	USGS	
2021-02-24	20:05 UTC		m	62610	2816.08	NGVD29	1	V	USGS	
2021-02-24	20:05 UTC		m	62611	2817.65	NAVD88	1	V	USGS	
2021-02-24	20:05 UTC		m	72019	155.92		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
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

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Page Last Modified: 2022-07-29 10:06:56 EDT

0.3 0.26 nadww02





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Data Category: Groundwater Geographic Area: New Mexico GO

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320454104015601

Minimum number of levels = 1

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USGS 320454104015601 26S.28E.02.112111

Eddy County, New Mexico

Latitude 32°04'54", Longitude 104°01'56" NAD27

Land-surface elevation 2,913 feet above NAVD88

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

This well is completed in the Castile Formation (312CSTL) 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	2890.26	NGVD29	1		Z	
1948-12-06			D	62611	2891.82	NAVD88	1		Z	
1948-12-06			D	72019	21.18		1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.29 0.25 nadww02



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Groundwater levels for New Mexico

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Agency code = usgs

site_no list =

- 320303104012301

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USGS 320303104012301 26S.28E.14.21412

Eddy County, New Mexico

Latitude 32°03'03.0", Longitude 104°01'23.0" NAD27

Land-surface elevation 2,972.40 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
1978-01-13			D 62610		2855.65	NGVD29	1	Z		
1978-01-13			D 62611		2857.19	NAVD88	1	Z		
1978-01-13			D 72019	116.75			1	Z		
1983-01-25			D 62610		2858.75	NGVD29	1	Z		
1983-01-25			D 62611		2860.29	NAVD88	1	Z		
1983-01-25			D 72019	113.65			1	Z		
1987-10-14			D 62610		2873.68	NGVD29	1	Z		
1987-10-14			D 62611		2875.22	NAVD88	1	Z		
1987-10-14			D 72019	98.72			1	Z		
1993-05-04			D 62610		2880.80	NGVD29	1	S		
1993-05-04			D 62611		2882.34	NAVD88	1	S		
1993-05-04			D 72019	91.60			1	S		
1998-01-22			D 62610		2882.55	NGVD29	1	S		
1998-01-22			D 62611		2884.09	NAVD88	1	S		
1998-01-22			D 72019	89.85			1	S		

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
2003-01-27			D	62610	2880.28	NGVD29	1	S	USGS	
2003-01-27			D	62611	2881.82	NAVD88	1	S	USGS	
2003-01-27			D	72019	92.12		1	S	USGS	

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

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

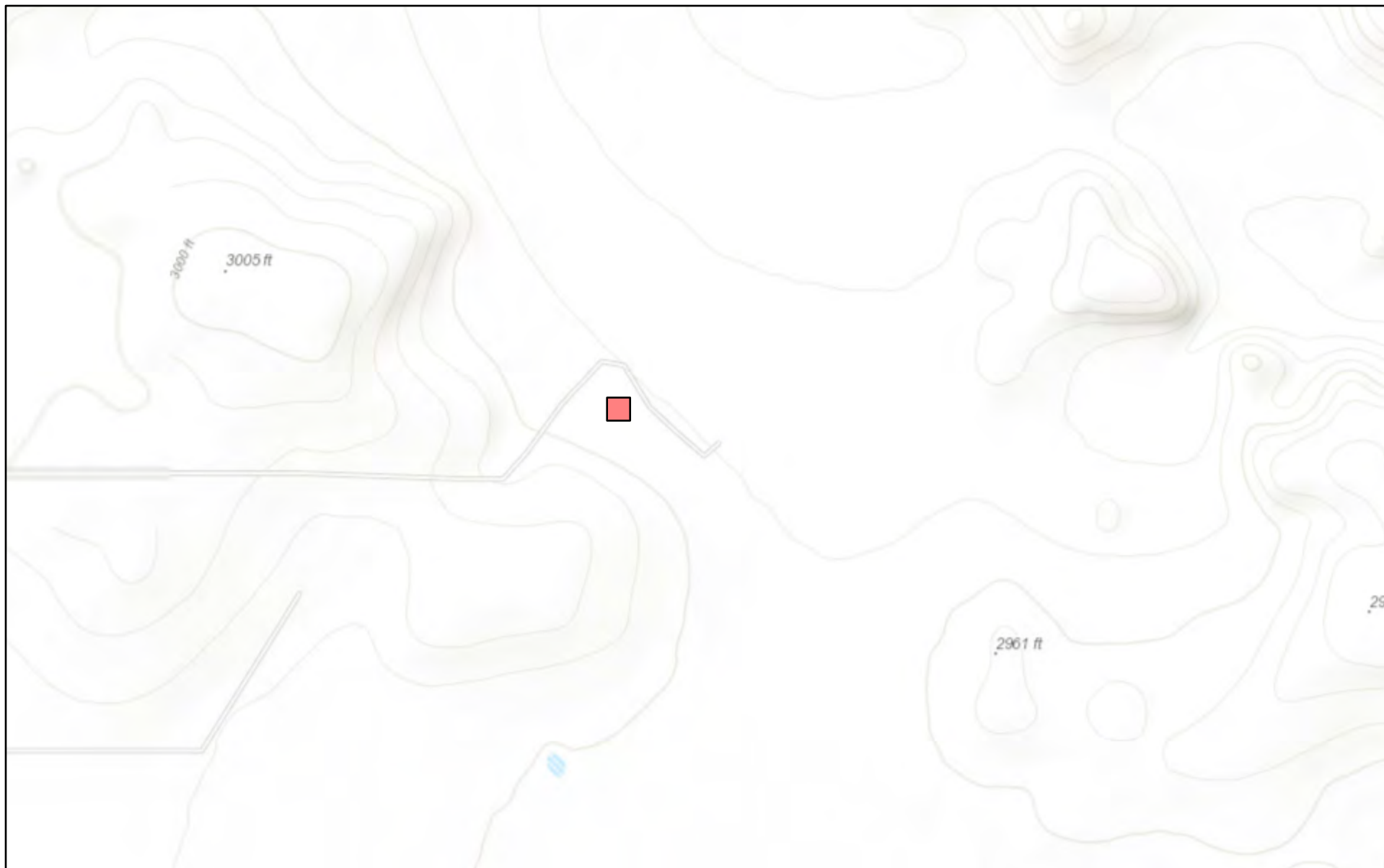
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-07-29 10:09:44 EDT

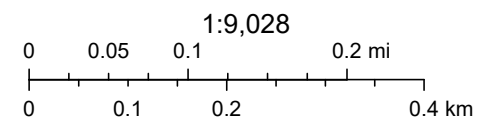
0.28 0.24 nadww02



New Mexico NFHL Data



July 29, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17508-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Graham Cracker 2 State Com 001H
(07.09.22)

For:

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

Attn: Ashton Thielke

Authorized for release by:
8/4/2022 3:58:32 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: Graham Cracker 2 State Com 001H (07.09.22)

Laboratory Job ID: 880-17508-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Job ID: 880-17508-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-17508-1**

Receipt

The samples were received on 7/29/2022 9:49 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-31196 and analytical batch 880-31322 was outside control limits. Sample matrix interference is suspected.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-31192 and analytical batch 880-31250 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31191 and analytical batch 880-31253 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.

Method 8021B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (880-17508-A-1-G MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

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

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-31013 and analytical batch 880-31049 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-31013/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-31014/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-17508-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31014 and analytical batch 880-31085 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: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-1

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 14:48	08/02/22 21:35	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		08/01/22 14:48	08/02/22 21:35	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		08/01/22 14:48	08/02/22 21:35	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		08/01/22 14:48	08/02/22 21:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 14:48	08/02/22 21:35	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		08/01/22 14:48	08/02/22 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/01/22 14:48	08/02/22 21:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/01/22 14:48	08/02/22 21:35	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	07/31/22 21:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		07/29/22 13:53	07/31/22 21:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	07/31/22 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	07/29/22 13:53	07/31/22 21:15	1
o-Terphenyl	97		70 - 130	07/29/22 13:53	07/31/22 21:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4620		49.7		mg/Kg			08/03/22 21:10	10

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17508-2

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 14:48	08/02/22 22:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 14:48	08/02/22 22:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 14:48	08/02/22 22:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 14:48	08/02/22 22:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 14:48	08/02/22 22:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 14:48	08/02/22 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/01/22 14:48	08/02/22 22:01	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/01/22 14:48	08/02/22 22:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17508-2

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	07/31/22 22:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	07/31/22 22:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	07/31/22 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/29/22 13:53	07/31/22 22:20	1
o-Terphenyl	109		70 - 130				07/29/22 13:53	07/31/22 22:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		50.2		mg/Kg			08/04/22 13:15	10

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

Lab Sample ID: 880-17508-3

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/02/22 09:44	08/02/22 12:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 12:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 12:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 12:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/02/22 09:44	08/02/22 12:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/02/22 09:44	08/02/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				08/02/22 09:44	08/02/22 12:34	1
1,4-Difluorobenzene (Surr)	85		70 - 130				08/02/22 09:44	08/02/22 12:34	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 22:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-3

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				07/29/22 13:53	07/31/22 22:41	1
o-Terphenyl	104		70 - 130				07/29/22 13:53	07/31/22 22:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5970		49.9		mg/Kg			08/04/22 13:23	10

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17508-4

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:04	08/03/22 05:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/03/22 05:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/03/22 05:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 13:04	08/03/22 05:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/03/22 05:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 13:04	08/03/22 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/01/22 13:04	08/03/22 05:41	1
1,4-Difluorobenzene (Surr)	94		70 - 130				08/01/22 13:04	08/03/22 05:41	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/29/22 13:53	07/31/22 23:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/29/22 13:53	07/31/22 23:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/22 13:53	07/31/22 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				07/29/22 13:53	07/31/22 23:03	1
o-Terphenyl	92		70 - 130				07/29/22 13:53	07/31/22 23:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3180		101		mg/Kg			08/03/22 21:36	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-17508-5

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:04	08/03/22 06:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:04	08/03/22 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:04	08/03/22 06:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 13:04	08/03/22 06:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:04	08/03/22 06:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 13:04	08/03/22 06:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/01/22 13:04	08/03/22 06:01	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/01/22 13:04	08/03/22 06:01	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/29/22 13:53	07/31/22 23:24	1
o-Terphenyl	104		70 - 130	07/29/22 13:53	07/31/22 23:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	884		4.97		mg/Kg			08/03/22 21:44	1

Client Sample ID: S-2 (3.5')

Lab Sample ID: 880-17508-6

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:04	08/03/22 06:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/03/22 06:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/03/22 06:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 13:04	08/03/22 06:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/03/22 06:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 13:04	08/03/22 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/01/22 13:04	08/03/22 06:22	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/01/22 13:04	08/03/22 06:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3.5')

Lab Sample ID: 880-17508-6

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/29/22 13:53	07/31/22 23:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/29/22 13:53	07/31/22 23:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/22 13:53	07/31/22 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/29/22 13:53	07/31/22 23:46	1
o-Terphenyl	118		70 - 130				07/29/22 13:53	07/31/22 23:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	322		5.00		mg/Kg			08/03/22 21:52	1

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17508-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:04	08/03/22 06:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:04	08/03/22 06:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:04	08/03/22 06:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:04	08/03/22 06:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:04	08/03/22 06:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:04	08/03/22 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/01/22 13:04	08/03/22 06:42	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/01/22 13:04	08/03/22 06:42	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 00:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17508-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				07/29/22 13:53	08/01/22 00:07	1
o-Terphenyl	116		70 - 130				07/29/22 13:53	08/01/22 00:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	357		5.05		mg/Kg			08/03/22 22:00	1

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

Lab Sample ID: 880-17508-8

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 12:09	08/02/22 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 18:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:09	08/02/22 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:09	08/02/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/01/22 12:09	08/02/22 18:59	1
1,4-Difluorobenzene (Surr)	107		70 - 130				08/01/22 12:09	08/02/22 18:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 00:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 00:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				07/29/22 13:53	08/01/22 00:28	1
o-Terphenyl	102		70 - 130				07/29/22 13:53	08/01/22 00:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6650		49.8		mg/Kg			08/03/22 22:08	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-17508-9

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 12:09	08/02/22 19:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 19:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 19:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 12:09	08/02/22 19:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 12:09	08/02/22 19:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 12:09	08/02/22 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/01/22 12:09	08/02/22 19:20	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/01/22 12:09	08/02/22 19:20	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 00:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	07/29/22 13:53	08/01/22 00:50	1
o-Terphenyl	122		70 - 130	07/29/22 13:53	08/01/22 00:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7010		50.2		mg/Kg			08/03/22 22:15	10

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-17508-10

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 12:09	08/02/22 19:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 19:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 19:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 19:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 19:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 12:09	08/02/22 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/01/22 12:09	08/02/22 19:41	1
1,4-Difluorobenzene (Surr)	125		70 - 130	08/01/22 12:09	08/02/22 19:41	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-17508-10

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 01:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 01:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/29/22 13:53	08/01/22 01:11	1
o-Terphenyl	107		70 - 130				07/29/22 13:53	08/01/22 01:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5120		50.1		mg/Kg			08/03/22 22:39	10

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-17508-11

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 12:09	08/02/22 20:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 20:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 20:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 12:09	08/02/22 20:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 20:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 12:09	08/02/22 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/01/22 12:09	08/02/22 20:01	1
1,4-Difluorobenzene (Surr)	124		70 - 130				08/01/22 12:09	08/02/22 20:01	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 01:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 01:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-17508-11

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 01:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				07/29/22 13:53	08/01/22 01:53	1
o-Terphenyl	97		70 - 130				07/29/22 13:53	08/01/22 01:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		4.99		mg/Kg			08/04/22 13:30	1

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-17508-12

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/02/22 23:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:49	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		08/01/22 13:09	08/02/22 23:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:49	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		08/01/22 13:09	08/02/22 23:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				08/01/22 13:09	08/02/22 23:49	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/01/22 13:09	08/02/22 23:49	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 02:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 02:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/29/22 13:53	08/01/22 02:14	1
o-Terphenyl	119		70 - 130				07/29/22 13:53	08/01/22 02:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		5.03		mg/Kg			08/03/22 23:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-13

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 00:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 00:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 00:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 00:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 00:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/01/22 13:09	08/03/22 00:10	1
1,4-Difluorobenzene (Surr)	125		70 - 130	08/01/22 13:09	08/03/22 00:10	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 02:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 02:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	07/29/22 13:53	08/01/22 02:35	1
o-Terphenyl	107		70 - 130	07/29/22 13:53	08/01/22 02:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5780		49.9		mg/Kg			08/03/22 23:18	10

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-17508-14

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 00:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/01/22 13:09	08/03/22 00:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/01/22 13:09	08/03/22 00:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/01/22 13:09	08/03/22 00:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/01/22 13:09	08/03/22 00:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/01/22 13:09	08/03/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/01/22 13:09	08/03/22 00:31	1
1,4-Difluorobenzene (Surr)	129		70 - 130	08/01/22 13:09	08/03/22 00:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-17508-14

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 02:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 02:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 02:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/29/22 13:53	08/01/22 02:56	1
o-Terphenyl	105		70 - 130				07/29/22 13:53	08/01/22 02:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		4.98		mg/Kg			08/04/22 13:38	1

Client Sample ID: S-4 (2.5')

Lab Sample ID: 880-17508-15

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 00:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:09	08/03/22 00:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:09	08/03/22 00:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 13:09	08/03/22 00:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:09	08/03/22 00:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 13:09	08/03/22 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				08/01/22 13:09	08/03/22 00:51	1
1,4-Difluorobenzene (Surr)	122		70 - 130				08/01/22 13:09	08/03/22 00:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 03:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 03:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (2.5')

Lab Sample ID: 880-17508-15

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				07/29/22 13:53	08/01/22 03:17	1
o-Terphenyl	108		70 - 130				07/29/22 13:53	08/01/22 03:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2840		101		mg/Kg			08/03/22 23:34	20

Client Sample ID: S-4 (3.5')

Lab Sample ID: 880-17508-16

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 01:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 01:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 01:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/01/22 13:09	08/03/22 01:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 01:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/01/22 13:09	08/03/22 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				08/01/22 13:09	08/03/22 01:12	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/01/22 13:09	08/03/22 01:12	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 03:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 03:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				07/29/22 13:53	08/01/22 03:39	1
o-Terphenyl	106		70 - 130				07/29/22 13:53	08/01/22 03:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1990		99.8		mg/Kg			08/03/22 23:42	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (4.5')

Lab Sample ID: 880-17508-17

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 01:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 01:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 01:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 01:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 01:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 01:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/01/22 13:09	08/03/22 01:33	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/01/22 13:09	08/03/22 01:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	07/29/22 13:53	08/01/22 04:00	1
o-Terphenyl	122		70 - 130	07/29/22 13:53	08/01/22 04:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		4.98		mg/Kg			08/03/22 23:50	1

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-17508-18

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 01:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 01:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 01:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/01/22 13:09	08/03/22 01:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 01:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/01/22 13:09	08/03/22 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/01/22 13:09	08/03/22 01:54	1
1,4-Difluorobenzene (Surr)	123		70 - 130	08/01/22 13:09	08/03/22 01:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-17508-18

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/29/22 13:53	08/01/22 04:21	1
o-Terphenyl	116		70 - 130				07/29/22 13:53	08/01/22 04:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4430		50.5		mg/Kg			08/03/22 23:57	10

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-17508-19

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 02:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 02:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 02:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 02:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 02:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				08/01/22 13:09	08/03/22 02:14	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/01/22 13:09	08/03/22 02:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-17508-19

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:53	08/01/22 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				07/29/22 13:53	08/01/22 04:42	1
o-Terphenyl	127		70 - 130				07/29/22 13:53	08/01/22 04:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3190		49.7		mg/Kg			08/03/22 03:16	10

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-17508-20

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 02:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 02:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 02:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 02:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 02:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/01/22 13:09	08/03/22 02:35	1
1,4-Difluorobenzene (Surr)	121		70 - 130				08/01/22 13:09	08/03/22 02:35	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 05:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	08/01/22 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				07/29/22 13:53	08/01/22 05:03	1
o-Terphenyl	107		70 - 130				07/29/22 13:53	08/01/22 05:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		4.95		mg/Kg			08/03/22 03:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-17508-21

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 02:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 02:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 02:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 02:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 02:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	08/01/22 13:09	08/03/22 02:56	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/01/22 13:09	08/03/22 02:56	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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 *1	49.9		mg/Kg		07/29/22 13:50	07/30/22 23:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/30/22 23:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/30/22 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	07/29/22 13:50	07/30/22 23:50	1
o-Terphenyl	123		70 - 130	07/29/22 13:50	07/30/22 23:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6180		49.8		mg/Kg			08/03/22 03:47	10

Client Sample ID: S-6 (2.5')

Lab Sample ID: 880-17508-22

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 04:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:09	08/03/22 04:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:09	08/03/22 04:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 13:09	08/03/22 04:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 13:09	08/03/22 04:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 13:09	08/03/22 04:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/01/22 13:09	08/03/22 04:20	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/01/22 13:09	08/03/22 04:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (2.5')

Lab Sample ID: 880-17508-22

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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 *1	49.9		mg/Kg		07/29/22 13:50	07/31/22 00:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 00:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/29/22 13:50	07/31/22 00:11	1
o-Terphenyl	112		70 - 130				07/29/22 13:50	07/31/22 00:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5650		50.0		mg/Kg			08/03/22 03:55	10

Client Sample ID: S-6 (3.5')

Lab Sample ID: 880-17508-23

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 04:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 04:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 04:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 13:09	08/03/22 04:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 04:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 13:09	08/03/22 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/01/22 13:09	08/03/22 04:41	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/01/22 13:09	08/03/22 04:41	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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 *1	50.0		mg/Kg		07/29/22 13:50	07/31/22 00:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 00:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (3.5')

Lab Sample ID: 880-17508-23

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				07/29/22 13:50	07/31/22 00:32	1
o-Terphenyl	114		70 - 130				07/29/22 13:50	07/31/22 00:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4610		49.6		mg/Kg			08/03/22 10:20	10

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-17508-24

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 05:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 05:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 05:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 05:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 05:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 05:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/01/22 13:09	08/03/22 05:02	1
1,4-Difluorobenzene (Surr)	124		70 - 130				08/01/22 13:09	08/03/22 05:02	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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 *1	50.0		mg/Kg		07/29/22 13:50	07/31/22 00:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 00:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				07/29/22 13:50	07/31/22 00:53	1
o-Terphenyl	92		70 - 130				07/29/22 13:50	07/31/22 00:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3640		24.8		mg/Kg			08/03/22 04:27	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-25

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 05:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 05:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 05:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 05:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 05:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	08/01/22 13:09	08/03/22 05:23	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/01/22 13:09	08/03/22 05:23	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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 *1	50.0		mg/Kg		07/29/22 13:50	07/31/22 01:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 01:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 01:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	07/29/22 13:50	07/31/22 01:35	1
o-Terphenyl	95		70 - 130	07/29/22 13:50	07/31/22 01:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			08/03/22 04:35	1

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

Lab Sample ID: 880-17508-26

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 05:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 05:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 05:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/01/22 13:09	08/03/22 05:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 13:09	08/03/22 05:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/01/22 13:09	08/03/22 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/01/22 13:09	08/03/22 05:43	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/01/22 13:09	08/03/22 05:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-26

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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 *1	50.0		mg/Kg		07/29/22 13:50	07/31/22 01:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 01:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				07/29/22 13:50	07/31/22 01:57	1
o-Terphenyl	107		70 - 130				07/29/22 13:50	07/31/22 01:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		4.97		mg/Kg			08/03/22 04:42	1

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

Lab Sample ID: 880-17508-27

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 06:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 06:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 06:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 06:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/03/22 06:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 13:09	08/03/22 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/01/22 13:09	08/03/22 06:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/01/22 13:09	08/03/22 06:04	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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 *1	49.9		mg/Kg		07/29/22 13:50	07/31/22 02:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 02:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-27

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/29/22 13:50	07/31/22 02:18	1
o-Terphenyl	98		70 - 130				07/29/22 13:50	07/31/22 02:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.6		4.98		mg/Kg			08/03/22 04:50	1

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

Lab Sample ID: 880-17508-28

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 06:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 06:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 06:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 06:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 06:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 06:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/01/22 13:09	08/03/22 06:25	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/01/22 13:09	08/03/22 06:25	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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 *1	50.0		mg/Kg		07/29/22 13:50	07/31/22 02:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 02:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/29/22 13:50	07/31/22 02:39	1
o-Terphenyl	106		70 - 130				07/29/22 13:50	07/31/22 02:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.7		5.00		mg/Kg			08/03/22 04:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-29

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 06:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 06:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 06:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 06:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 06:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 06:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/01/22 13:09	08/03/22 06:45	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/01/22 13:09	08/03/22 06:45	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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 *1	50.0		mg/Kg		07/29/22 13:50	07/31/22 03:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 03:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/31/22 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	07/29/22 13:50	07/31/22 03:00	1
o-Terphenyl	89		70 - 130	07/29/22 13:50	07/31/22 03:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			08/03/22 05:06	1

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

Lab Sample ID: 880-17508-30

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 07:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/01/22 13:09	08/03/22 07:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/01/22 13:09	08/03/22 07:06	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/01/22 13:09	08/03/22 07:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/01/22 13:09	08/03/22 07:06	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/01/22 13:09	08/03/22 07:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	08/01/22 13:09	08/03/22 07:06	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/01/22 13:09	08/03/22 07:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-30

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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 *1	49.9		mg/Kg		07/29/22 13:50	07/31/22 03:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 03:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				07/29/22 13:50	07/31/22 03:22	1
o-Terphenyl	91		70 - 130				07/29/22 13:50	07/31/22 03:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			08/03/22 05:29	1

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

Lab Sample ID: 880-17508-31

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/01/22 13:09	08/03/22 07:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 07:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 07:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 07:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 13:09	08/03/22 07:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 13:09	08/03/22 07:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				08/01/22 13:09	08/03/22 07:27	1
1,4-Difluorobenzene (Surr)	115		70 - 130				08/01/22 13:09	08/03/22 07:27	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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 *1	49.9		mg/Kg		07/29/22 13:50	07/31/22 03:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 03:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-31

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				07/29/22 13:50	07/31/22 03:43	1
o-Terphenyl	96		70 - 130				07/29/22 13:50	07/31/22 03:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.89		4.97		mg/Kg			08/03/22 05:37	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-17508-32

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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		08/02/22 09:44	08/02/22 12:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 12:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/02/22 09:44	08/02/22 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				08/02/22 09:44	08/02/22 12:55	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/02/22 09:44	08/02/22 12:55	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			08/02/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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 *1	49.9		mg/Kg		07/29/22 13:50	07/31/22 04:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 04:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:50	07/31/22 04:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				07/29/22 13:50	07/31/22 04:04	1
o-Terphenyl	114		70 - 130				07/29/22 13:50	07/31/22 04:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.98		5.00		mg/Kg			08/03/22 06:01	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 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)
880-17507-A-2-E MS	Matrix Spike	106	96
880-17507-A-2-F MSD	Matrix Spike Duplicate	121	93
880-17508-1	S-1 (0-1')	102	95
880-17508-1 MS	S-1 (0-1')	103	113
880-17508-1 MSD	S-1 (0-1')	301 S1+	143 S1+
880-17508-2	S-1 (1.5')	89	112
880-17508-3	S-2 (0-1')	102	85
880-17508-3 MS	S-2 (0-1')	103	98
880-17508-3 MSD	S-2 (0-1')	107	97
880-17508-4	S-2 (1.5')	113	94
880-17508-5	S-2 (2.5')	110	92
880-17508-6	S-2 (3.5')	116	90
880-17508-7	S-2 (4.5')	112	88
880-17508-8	S-3 (0-1')	96	107
880-17508-9	S-3 (1.5')	91	119
880-17508-10	S-3 (2.5')	95	125
880-17508-11	S-3 (3.5')	86	124
880-17508-12	S-3 (4.5')	85	117
880-17508-12 MS	S-3 (4.5')	81	112
880-17508-12 MSD	S-3 (4.5')	86	116
880-17508-13	S-4 (0-1')	92	125
880-17508-14	S-4 (1.5')	95	129
880-17508-15	S-4 (2.5')	85	122
880-17508-16	S-4 (3.5')	92	120
880-17508-17	S-4 (4.5')	92	121
880-17508-18	S-5 (0-1')	93	123
880-17508-19	S-5 (1.5')	93	115
880-17508-20	S-6 (0-1')	86	121
880-17508-21	S-6 (1.5')	130	106
880-17508-22	S-6 (2.5')	101	106
880-17508-23	S-6 (3.5')	96	113
880-17508-24	S-6 (4.5')	91	124
880-17508-25	H-1 (0-0.5')	118	107
880-17508-26	H-2 (0-0.5')	98	104
880-17508-27	H-3 (0-0.5')	108	101
880-17508-28	H-4 (0-0.5')	101	115
880-17508-29	H-5 (0-0.5')	119	112
880-17508-30	H-6 (0-0.5')	122	95
880-17508-31	H-7 (0-0.5')	97	115
880-17508-32	H-8 (0-0.5')	113	96
880-17548-A-21-H MS	Matrix Spike	85	111
880-17548-A-21-I MSD	Matrix Spike Duplicate	99	113
LCS 880-31189/1-A	Lab Control Sample	80	113
LCS 880-31191/1-A	Lab Control Sample	111	99
LCS 880-31192/1-A	Lab Control Sample	81	110
LCS 880-31196/1-A	Lab Control Sample	93	103
LCS 880-31290/1-A	Lab Control Sample	98	98
LCSD 880-31189/2-A	Lab Control Sample Dup	79	98
LCSD 880-31191/2-A	Lab Control Sample Dup	108	101

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-17508-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-31192/2-A	Lab Control Sample Dup	92	100
LCSD 880-31196/2-A	Lab Control Sample Dup	99	106
LCSD 880-31290/2-A	Lab Control Sample Dup	114	101
MB 880-31189/5-A	Method Blank	86	107
MB 880-31191/5-A	Method Blank	101	92
MB 880-31192/5-A	Method Blank	86	107
MB 880-31196/5-A	Method Blank	76	94
MB 880-31290/5-A	Method Blank	104	88
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-17508-1	S-1 (0-1')	88	97
880-17508-1 MS	S-1 (0-1')	72	74
880-17508-1 MSD	S-1 (0-1')	66 S1-	74
880-17508-2	S-1 (1.5')	99	109
880-17508-3	S-2 (0-1')	97	104
880-17508-4	S-2 (1.5')	81	92
880-17508-5	S-2 (2.5')	92	104
880-17508-6	S-2 (3.5')	104	118
880-17508-7	S-2 (4.5')	103	116
880-17508-8	S-3 (0-1')	89	102
880-17508-9	S-3 (1.5')	105	122
880-17508-10	S-3 (2.5')	98	107
880-17508-11	S-3 (3.5')	87	97
880-17508-12	S-3 (4.5')	102	119
880-17508-13	S-4 (0-1')	91	107
880-17508-14	S-4 (1.5')	94	105
880-17508-15	S-4 (2.5')	91	108
880-17508-16	S-4 (3.5')	91	106
880-17508-17	S-4 (4.5')	103	122
880-17508-18	S-5 (0-1')	98	116
880-17508-19	S-5 (1.5')	108	127
880-17508-20	S-6 (0-1')	91	107
880-17508-21	S-6 (1.5')	96	123
880-17508-22	S-6 (2.5')	100	112
880-17508-23	S-6 (3.5')	106	114
880-17508-24	S-6 (4.5')	86	92
880-17508-25	H-1 (0-0.5')	89	95
880-17508-26	H-2 (0-0.5')	97	107
880-17508-27	H-3 (0-0.5')	95	98
880-17508-28	H-4 (0-0.5')	98	106
880-17508-29	H-5 (0-0.5')	86	89
880-17508-30	H-6 (0-0.5')	88	91

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-17508-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

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)
880-17508-31	H-7 (0-0.5')	95	96
880-17508-32	H-8 (0-0.5')	108	114
880-17511-A-1-H MS	Matrix Spike	95	97
880-17511-A-1-I MSD	Matrix Spike Duplicate	100	108
LCS 880-31013/2-A	Lab Control Sample	131 S1+	141 S1+
LCS 880-31014/2-A	Lab Control Sample	133 S1+	139 S1+
LCSD 880-31013/3-A	Lab Control Sample Dup	122	120
LCSD 880-31014/3-A	Lab Control Sample Dup	103	119
MB 880-31013/1-A	Method Blank	101	110
MB 880-31014/1-A	Method Blank	101	117
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-31189/5-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 11:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 12:09	08/02/22 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 12:09	08/02/22 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 12:09	08/02/22 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	08/01/22 12:09	08/02/22 11:29	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/01/22 12:09	08/02/22 11:29	1

Lab Sample ID: LCS 880-31189/1-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1086		mg/Kg		109	70 - 130
Toluene	0.100	0.09438		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09297		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1803		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08812		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	80		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-31189/2-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31189

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08650		mg/Kg		86	70 - 130	23	35
Toluene	0.100	0.08543		mg/Kg		85	70 - 130	10	35
Ethylbenzene	0.100	0.08634		mg/Kg		86	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1653		mg/Kg		83	70 - 130	9	35
o-Xylene	0.100	0.07858		mg/Kg		79	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	79		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-17548-A-21-H MS

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1148		mg/Kg		113	70 - 130
Toluene	<0.00201	U	0.101	0.09931		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17548-A-21-H MS

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31189

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.101	0.09553		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1851		mg/Kg		92	70 - 130
o-Xylene	<0.00201	U	0.101	0.08960		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-17548-A-21-I MSD

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31189

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.09324		mg/Kg		92	70 - 130	21	35
Toluene	<0.00201	U	0.0998	0.1017		mg/Kg		102	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.0998	0.1086		mg/Kg		109	70 - 130	13	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2247		mg/Kg		113	70 - 130	19	35
o-Xylene	<0.00201	U	0.0998	0.1081		mg/Kg		108	70 - 130	19	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-31191/5-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/02/22 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/02/22 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/02/22 22:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 13:04	08/02/22 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:04	08/02/22 22:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 13:04	08/02/22 22:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/01/22 13:04	08/02/22 22:49	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/01/22 13:04	08/02/22 22:49	1

Lab Sample ID: LCS 880-31191/1-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09689		mg/Kg		97	70 - 130
Toluene	0.100	0.09493		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2071		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-31191/1-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1133		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-31191/2-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09563		mg/Kg		96	70 - 130	1	35
Toluene	0.100	0.09513		mg/Kg		95	70 - 130	0	35
Ethylbenzene	0.100	0.09740		mg/Kg		97	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1979		mg/Kg		99	70 - 130	5	35
o-Xylene	0.100	0.1088		mg/Kg		109	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-17507-A-2-E MS

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.07249		mg/Kg		71	70 - 130
Toluene	0.00324	F1	0.101	0.06985	F1	mg/Kg		66	70 - 130
Ethylbenzene	0.00945	F1	0.101	0.06918	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	0.0177	F1	0.201	0.1343	F1	mg/Kg		58	70 - 130
o-Xylene	0.0129	F1	0.101	0.07930	F1	mg/Kg		66	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-17507-A-2-F MSD

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.07878		mg/Kg		78	70 - 130	8	35
Toluene	0.00324	F1	0.0998	0.08768		mg/Kg		85	70 - 130	23	35
Ethylbenzene	0.00945	F1	0.0998	0.08444		mg/Kg		75	70 - 130	20	35
m-Xylene & p-Xylene	0.0177	F1	0.200	0.1681		mg/Kg		75	70 - 130	22	35
o-Xylene	0.0129	F1	0.0998	0.1012		mg/Kg		88	70 - 130	24	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17507-A-2-F MSD

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31191

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-31192/5-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31192

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 13:09	08/02/22 23:27	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 13:09	08/02/22 23:27	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 13:09	08/02/22 23:27	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/01/22 13:09	08/02/22 23:27	1	
1,4-Difluorobenzene (Surr)	107		70 - 130				08/01/22 13:09	08/02/22 23:27	1	

Lab Sample ID: LCS 880-31192/1-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31192

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.08745		mg/Kg		87	70 - 130			
Toluene	0.100	0.08896		mg/Kg		89	70 - 130			
Ethylbenzene	0.100	0.09017		mg/Kg		90	70 - 130			
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130			
o-Xylene	0.100	0.08822		mg/Kg		88	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	81		70 - 130							
1,4-Difluorobenzene (Surr)	110		70 - 130							

Lab Sample ID: LCSD 880-31192/2-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31192

			Spike	LCSD	LCSD						RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.08734		mg/Kg		87	70 - 130	0	35
Toluene			0.100	0.08646		mg/Kg		86	70 - 130	3	35
Ethylbenzene			0.100	0.08918		mg/Kg		89	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1696		mg/Kg		85	70 - 130	6	35
o-Xylene			0.100	0.08335		mg/Kg		83	70 - 130	6	35
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	92		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-31192/2-A

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31192

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

Lab Sample ID: 880-17508-12 MS

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: S-3 (4.5')

Prep Type: Total/NA

Prep Batch: 31192

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.101	0.1058		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.101	0.08709		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.08271		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.1582		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.101	0.07800		mg/Kg		78	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-17508-12 MSD

Matrix: Solid

Analysis Batch: 31250

Client Sample ID: S-3 (4.5')

Prep Type: Total/NA

Prep Batch: 31192

	Sample	Sample	Spike	MSD	MSD				%Rec	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Benzene	<0.00200	U	0.0998	0.07701		mg/Kg		77	70 - 130	35
Toluene	<0.00200	U	0.0998	0.07070		mg/Kg		71	70 - 130	35
Ethylbenzene	<0.00200	U	0.0998	0.06979		mg/Kg		70	70 - 130	35
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1370	F1	mg/Kg		69	70 - 130	35
o-Xylene	<0.00200	U	0.0998	0.06939		mg/Kg		70	70 - 130	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: MB 880-31196/5-A

Matrix: Solid

Analysis Batch: 31322

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31196

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 14:48	08/02/22 21:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 14:48	08/02/22 21:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 14:48	08/02/22 21:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 14:48	08/02/22 21:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 14:48	08/02/22 21:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 14:48	08/02/22 21:09	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	08/01/22 14:48	08/02/22 21:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/01/22 14:48	08/02/22 21:09	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-31196/1-A

Matrix: Solid

Analysis Batch: 31322

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09555		mg/Kg		96	70 - 130
Toluene	0.100	0.08990		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08912		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1816		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09590		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-31196/2-A

Matrix: Solid

Analysis Batch: 31322

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31196

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1086		mg/Kg		109	70 - 130	13	35
Toluene	0.100	0.09048		mg/Kg		90	70 - 130	1	35
Ethylbenzene	0.100	0.08371		mg/Kg		84	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1686		mg/Kg		84	70 - 130	7	35
o-Xylene	0.100	0.08869		mg/Kg		89	70 - 130	8	35

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

Lab Sample ID: 880-17508-1 MS

Matrix: Solid

Analysis Batch: 31322

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

Prep Type: Total/NA

Prep Batch: 31196

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1044		mg/Kg		104	70 - 130
Toluene	<0.00201	U F1 F2	0.101	0.08709		mg/Kg		85	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.101	0.07668		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.201	0.1550		mg/Kg		77	70 - 130
o-Xylene	<0.00201	U	0.101	0.08207		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-17508-1 MSD

Matrix: Solid

Analysis Batch: 31322

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

Prep Type: Total/NA

Prep Batch: 31196

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.07995		mg/Kg		80	70 - 130	27	35
Toluene	<0.00201	U F1 F2	0.0998	0.02974	F1 F2	mg/Kg		29	70 - 130	98	35
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.01597	F1 F2	mg/Kg		16	70 - 130	131	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-1 MSD

Matrix: Solid

Analysis Batch: 31322

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

Prep Type: Total/NA

Prep Batch: 31196

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.01703	F1 F2	mg/Kg		9	70 - 130	160	35
o-Xylene	<0.00201	U	0.0998	0.09141		mg/Kg		92	70 - 130	11	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	301	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	143	S1+	70 - 130								

Lab Sample ID: MB 880-31290/5-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/02/22 09:44	08/02/22 12:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/02/22 09:44	08/02/22 12:12	1

Lab Sample ID: LCS 880-31290/1-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1124		mg/Kg		112	70 - 130		
Toluene	0.100	0.1082		mg/Kg		108	70 - 130		
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene	0.200	0.2174		mg/Kg		109	70 - 130		
o-Xylene	0.100	0.1246		mg/Kg		125	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-31290/2-A

Matrix: Solid

Analysis Batch: 31253

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31290

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1108		mg/Kg		111	70 - 130	1	35
Toluene	0.100	0.1082		mg/Kg		108	70 - 130	0	35
Ethylbenzene	0.100	0.1122		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2300		mg/Kg		115	70 - 130	6	35
o-Xylene	0.100	0.1303		mg/Kg		130	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-17508-3 MS

Matrix: Solid

Analysis Batch: 31253

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

Prep Type: Total/NA

Prep Batch: 31290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.09241		mg/Kg		93	70 - 130
Toluene	<0.00201	U	0.0998	0.08809		mg/Kg		88	70 - 130
Ethylbenzene	<0.00201	U	0.0998	0.08837		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1783		mg/Kg		89	70 - 130
o-Xylene	<0.00201	U	0.0998	0.09859		mg/Kg		99	70 - 130

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

Lab Sample ID: 880-17508-3 MSD

Matrix: Solid

Analysis Batch: 31253

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

Prep Type: Total/NA

Prep Batch: 31290

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U	0.0994	0.08109		mg/Kg		82	70 - 130	13	35
Toluene	<0.00201	U	0.0994	0.08003		mg/Kg		80	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.0994	0.08217		mg/Kg		83	70 - 130	7	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1673		mg/Kg		84	70 - 130	6	35
o-Xylene	<0.00201	U	0.0994	0.09239		mg/Kg		93	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-31013/1-A

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 19:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 19:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:50	07/30/22 19:52	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	101		70 - 130	07/29/22 13:50	07/30/22 19:52	1			
o-Terphenyl	110		70 - 130	07/29/22 13:50	07/30/22 19:52	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-31013/2-A

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31013

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	780.9		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1021		mg/Kg		102	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	131	S1+	70 - 130				
o-Terphenyl	141	S1+	70 - 130				

Lab Sample ID: LCSD 880-31013/3-A

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31013

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1064	*1	mg/Kg		106	70 - 130	31	20
Diesel Range Organics (Over C10-C28)	1000	880.2		mg/Kg		88	70 - 130	15	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	122		70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 880-17511-A-1-H MS

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31013

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 *1	999	1080		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	711.2		mg/Kg		71	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: 880-17511-A-1-I MSD

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	1056		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	783.4		mg/Kg		78	70 - 130	10	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	100		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17511-A-1-I MSD

Matrix: Solid

Analysis Batch: 31049

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31013

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	108		70 - 130

Lab Sample ID: MB 880-31014/1-A

Matrix: Solid

Analysis Batch: 31085

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31014

	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		07/29/22 13:53	07/31/22 20:10	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 20:10	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:53	07/31/22 20:10	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	101		70 - 130				07/29/22 13:53	07/31/22 20:10	1	
<i>o</i> -Terphenyl	117		70 - 130				07/29/22 13:53	07/31/22 20:10	1	

Lab Sample ID: LCS 880-31014/2-A

Matrix: Solid

Analysis Batch: 31085

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31014

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	1051		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	983.3		mg/Kg		98	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	133	S1+	70 - 130							
<i>o</i> -Terphenyl	139	S1+	70 - 130							

Lab Sample ID: LCSD 880-31014/3-A

Matrix: Solid

Analysis Batch: 31085

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31014

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	858.2		mg/Kg		86	70 - 130	14	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	119		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-1 MS

Matrix: Solid

Analysis Batch: 31085

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

Prep Type: Total/NA

Prep Batch: 31014

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	999	875.6		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	557.8	F1	mg/Kg		56	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	72		70 - 130						
o-Terphenyl	74		70 - 130						

Lab Sample ID: 880-17508-1 MSD

Matrix: Solid

Analysis Batch: 31085

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

Prep Type: Total/NA

Prep Batch: 31014

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	999	845.6		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	564.3	F1	mg/Kg		56	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	66	S1-	70 - 130								
o-Terphenyl	74		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-31003/1-A

Matrix: Solid

Analysis Batch: 31307

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			08/03/22 02:53	1

Lab Sample ID: LCS 880-31003/2-A

Matrix: Solid

Analysis Batch: 31307

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.6		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-31003/3-A

Matrix: Solid

Analysis Batch: 31307

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	274.2		mg/Kg		110	90 - 110	2	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-17508-19 MS

Matrix: Solid

Analysis Batch: 31307

Client Sample ID: S-5 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3190		2490	5638		mg/Kg		99	90 - 110		

Lab Sample ID: 880-17508-19 MSD

Matrix: Solid

Analysis Batch: 31307

Client Sample ID: S-5 (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	3190		2490	5751		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-17508-29 MS

Matrix: Solid

Analysis Batch: 31307

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<5.04	U	252	271.6		mg/Kg		108	90 - 110		

Lab Sample ID: 880-17508-29 MSD

Matrix: Solid

Analysis Batch: 31307

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.04	U	252	271.2		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-31001/1-A

Matrix: Solid

Analysis Batch: 31312

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			08/03/22 07:27	1

Lab Sample ID: LCS 880-31001/2-A

Matrix: Solid

Analysis Batch: 31312

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	269.0		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-31001/3-A

Matrix: Solid

Analysis Batch: 31312

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	272.1		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-17507-A-15-B MS

Matrix: Solid

Analysis Batch: 31312

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	8.84		252	266.2		mg/Kg		102	90 - 110		

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QC Sample Results

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17507-A-15-C MSD

Matrix: Solid

Analysis Batch: 31312

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.84		252	268.4		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-17508-9 MS

Matrix: Solid

Analysis Batch: 31312

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7010		2510	9326		mg/Kg		92	90 - 110		

Lab Sample ID: 880-17508-9 MSD

Matrix: Solid

Analysis Batch: 31312

Client Sample ID: S-3 (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	7010		2510	9319		mg/Kg		92	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 31189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-8	S-3 (0-1')	Total/NA	Solid	5035	
880-17508-9	S-3 (1.5')	Total/NA	Solid	5035	
880-17508-10	S-3 (2.5')	Total/NA	Solid	5035	
880-17508-11	S-3 (3.5')	Total/NA	Solid	5035	
MB 880-31189/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31189/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31189/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17548-A-21-H MS	Matrix Spike	Total/NA	Solid	5035	
880-17548-A-21-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 31191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-4	S-2 (1.5')	Total/NA	Solid	5035	
880-17508-5	S-2 (2.5')	Total/NA	Solid	5035	
880-17508-6	S-2 (3.5')	Total/NA	Solid	5035	
880-17508-7	S-2 (4.5')	Total/NA	Solid	5035	
MB 880-31191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17507-A-2-E MS	Matrix Spike	Total/NA	Solid	5035	
880-17507-A-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 31192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-12	S-3 (4.5')	Total/NA	Solid	5035	
880-17508-13	S-4 (0-1')	Total/NA	Solid	5035	
880-17508-14	S-4 (1.5')	Total/NA	Solid	5035	
880-17508-15	S-4 (2.5')	Total/NA	Solid	5035	
880-17508-16	S-4 (3.5')	Total/NA	Solid	5035	
880-17508-17	S-4 (4.5')	Total/NA	Solid	5035	
880-17508-18	S-5 (0-1')	Total/NA	Solid	5035	
880-17508-19	S-5 (1.5')	Total/NA	Solid	5035	
880-17508-20	S-6 (0-1')	Total/NA	Solid	5035	
880-17508-21	S-6 (1.5')	Total/NA	Solid	5035	
880-17508-22	S-6 (2.5')	Total/NA	Solid	5035	
880-17508-23	S-6 (3.5')	Total/NA	Solid	5035	
880-17508-24	S-6 (4.5')	Total/NA	Solid	5035	
880-17508-25	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17508-26	H-2 (0-0.5')	Total/NA	Solid	5035	
880-17508-27	H-3 (0-0.5')	Total/NA	Solid	5035	
880-17508-28	H-4 (0-0.5')	Total/NA	Solid	5035	
880-17508-29	H-5 (0-0.5')	Total/NA	Solid	5035	
880-17508-30	H-6 (0-0.5')	Total/NA	Solid	5035	
880-17508-31	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-31192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17508-12 MS	S-3 (4.5')	Total/NA	Solid	5035	
880-17508-12 MSD	S-3 (4.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

GC VOA

Prep Batch: 31196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Total/NA	Solid	5035	
880-17508-2	S-1 (1.5')	Total/NA	Solid	5035	
MB 880-31196/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31196/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31196/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17508-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-17508-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 31250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-8	S-3 (0-1')	Total/NA	Solid	8021B	31189
880-17508-9	S-3 (1.5')	Total/NA	Solid	8021B	31189
880-17508-10	S-3 (2.5')	Total/NA	Solid	8021B	31189
880-17508-11	S-3 (3.5')	Total/NA	Solid	8021B	31189
880-17508-12	S-3 (4.5')	Total/NA	Solid	8021B	31192
880-17508-13	S-4 (0-1')	Total/NA	Solid	8021B	31192
880-17508-14	S-4 (1.5')	Total/NA	Solid	8021B	31192
880-17508-15	S-4 (2.5')	Total/NA	Solid	8021B	31192
880-17508-16	S-4 (3.5')	Total/NA	Solid	8021B	31192
880-17508-17	S-4 (4.5')	Total/NA	Solid	8021B	31192
880-17508-18	S-5 (0-1')	Total/NA	Solid	8021B	31192
880-17508-19	S-5 (1.5')	Total/NA	Solid	8021B	31192
880-17508-20	S-6 (0-1')	Total/NA	Solid	8021B	31192
880-17508-21	S-6 (1.5')	Total/NA	Solid	8021B	31192
880-17508-22	S-6 (2.5')	Total/NA	Solid	8021B	31192
880-17508-23	S-6 (3.5')	Total/NA	Solid	8021B	31192
880-17508-24	S-6 (4.5')	Total/NA	Solid	8021B	31192
880-17508-25	H-1 (0-0.5')	Total/NA	Solid	8021B	31192
880-17508-26	H-2 (0-0.5')	Total/NA	Solid	8021B	31192
880-17508-27	H-3 (0-0.5')	Total/NA	Solid	8021B	31192
880-17508-28	H-4 (0-0.5')	Total/NA	Solid	8021B	31192
880-17508-29	H-5 (0-0.5')	Total/NA	Solid	8021B	31192
880-17508-30	H-6 (0-0.5')	Total/NA	Solid	8021B	31192
880-17508-31	H-7 (0-0.5')	Total/NA	Solid	8021B	31192
MB 880-31189/5-A	Method Blank	Total/NA	Solid	8021B	31189
MB 880-31192/5-A	Method Blank	Total/NA	Solid	8021B	31192
LCS 880-31189/1-A	Lab Control Sample	Total/NA	Solid	8021B	31189
LCS 880-31192/1-A	Lab Control Sample	Total/NA	Solid	8021B	31192
LCSD 880-31189/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31189
LCSD 880-31192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31192
880-17508-12 MS	S-3 (4.5')	Total/NA	Solid	8021B	31192
880-17508-12 MSD	S-3 (4.5')	Total/NA	Solid	8021B	31192
880-17548-A-21-H MS	Matrix Spike	Total/NA	Solid	8021B	31189
880-17548-A-21-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31189

Analysis Batch: 31253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-3	S-2 (0-1')	Total/NA	Solid	8021B	31290
880-17508-4	S-2 (1.5')	Total/NA	Solid	8021B	31191
880-17508-5	S-2 (2.5')	Total/NA	Solid	8021B	31191
880-17508-6	S-2 (3.5')	Total/NA	Solid	8021B	31191

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QC Association Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 31253 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-7	S-2 (4.5')	Total/NA	Solid	8021B	31191
880-17508-32	H-8 (0-0.5')	Total/NA	Solid	8021B	31290
MB 880-31191/5-A	Method Blank	Total/NA	Solid	8021B	31191
MB 880-31290/5-A	Method Blank	Total/NA	Solid	8021B	31290
LCS 880-31191/1-A	Lab Control Sample	Total/NA	Solid	8021B	31191
LCS 880-31290/1-A	Lab Control Sample	Total/NA	Solid	8021B	31290
LCSD 880-31191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31191
LCSD 880-31290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31290
880-17507-A-2-E MS	Matrix Spike	Total/NA	Solid	8021B	31191
880-17507-A-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31191
880-17508-3 MS	S-2 (0-1')	Total/NA	Solid	8021B	31290
880-17508-3 MSD	S-2 (0-1')	Total/NA	Solid	8021B	31290

Prep Batch: 31290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-3	S-2 (0-1')	Total/NA	Solid	5035	
880-17508-32	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-31290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17508-3 MS	S-2 (0-1')	Total/NA	Solid	5035	
880-17508-3 MSD	S-2 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 31322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Total/NA	Solid	8021B	31196
880-17508-2	S-1 (1.5')	Total/NA	Solid	8021B	31196
MB 880-31196/5-A	Method Blank	Total/NA	Solid	8021B	31196
LCS 880-31196/1-A	Lab Control Sample	Total/NA	Solid	8021B	31196
LCSD 880-31196/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31196
880-17508-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	31196
880-17508-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	31196

Analysis Batch: 31343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-17508-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-17508-3	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-17508-4	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-17508-5	S-2 (2.5')	Total/NA	Solid	Total BTEX	
880-17508-6	S-2 (3.5')	Total/NA	Solid	Total BTEX	
880-17508-7	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-17508-8	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-17508-9	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-17508-10	S-3 (2.5')	Total/NA	Solid	Total BTEX	
880-17508-11	S-3 (3.5')	Total/NA	Solid	Total BTEX	
880-17508-12	S-3 (4.5')	Total/NA	Solid	Total BTEX	
880-17508-13	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-17508-14	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-17508-15	S-4 (2.5')	Total/NA	Solid	Total BTEX	
880-17508-16	S-4 (3.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 31343 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-17	S-4 (4.5')	Total/NA	Solid	Total BTEX	
880-17508-18	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-17508-19	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-17508-20	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-17508-21	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-17508-22	S-6 (2.5')	Total/NA	Solid	Total BTEX	
880-17508-23	S-6 (3.5')	Total/NA	Solid	Total BTEX	
880-17508-24	S-6 (4.5')	Total/NA	Solid	Total BTEX	
880-17508-25	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-26	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-27	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-28	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-29	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-30	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-31	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17508-32	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 31013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-21	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-17508-22	S-6 (2.5')	Total/NA	Solid	8015NM Prep	
880-17508-23	S-6 (3.5')	Total/NA	Solid	8015NM Prep	
880-17508-24	S-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-17508-25	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-26	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-27	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-28	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-29	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-30	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-31	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17508-32	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-31013/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31013/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31013/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17511-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-17511-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 31014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-17508-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-17508-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-17508-4	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-17508-5	S-2 (2.5')	Total/NA	Solid	8015NM Prep	
880-17508-6	S-2 (3.5')	Total/NA	Solid	8015NM Prep	
880-17508-7	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-17508-8	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-17508-9	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-17508-10	S-3 (2.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 31014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-11	S-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-17508-12	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-17508-13	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-17508-14	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-17508-15	S-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-17508-16	S-4 (3.5')	Total/NA	Solid	8015NM Prep	
880-17508-17	S-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-17508-18	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-17508-19	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-17508-20	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-31014/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31014/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31014/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17508-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-17508-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-21	S-6 (1.5')	Total/NA	Solid	8015B NM	31013
880-17508-22	S-6 (2.5')	Total/NA	Solid	8015B NM	31013
880-17508-23	S-6 (3.5')	Total/NA	Solid	8015B NM	31013
880-17508-24	S-6 (4.5')	Total/NA	Solid	8015B NM	31013
880-17508-25	H-1 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-26	H-2 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-27	H-3 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-28	H-4 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-29	H-5 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-30	H-6 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-31	H-7 (0-0.5')	Total/NA	Solid	8015B NM	31013
880-17508-32	H-8 (0-0.5')	Total/NA	Solid	8015B NM	31013
MB 880-31013/1-A	Method Blank	Total/NA	Solid	8015B NM	31013
LCS 880-31013/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31013
LCSD 880-31013/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31013
880-17511-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	31013
880-17511-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	31013

Analysis Batch: 31085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Total/NA	Solid	8015B NM	31014
880-17508-2	S-1 (1.5')	Total/NA	Solid	8015B NM	31014
880-17508-3	S-2 (0-1')	Total/NA	Solid	8015B NM	31014
880-17508-4	S-2 (1.5')	Total/NA	Solid	8015B NM	31014
880-17508-5	S-2 (2.5')	Total/NA	Solid	8015B NM	31014
880-17508-6	S-2 (3.5')	Total/NA	Solid	8015B NM	31014
880-17508-7	S-2 (4.5')	Total/NA	Solid	8015B NM	31014
880-17508-8	S-3 (0-1')	Total/NA	Solid	8015B NM	31014
880-17508-9	S-3 (1.5')	Total/NA	Solid	8015B NM	31014
880-17508-10	S-3 (2.5')	Total/NA	Solid	8015B NM	31014
880-17508-11	S-3 (3.5')	Total/NA	Solid	8015B NM	31014
880-17508-12	S-3 (4.5')	Total/NA	Solid	8015B NM	31014
880-17508-13	S-4 (0-1')	Total/NA	Solid	8015B NM	31014

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 31085 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-14	S-4 (1.5')	Total/NA	Solid	8015B NM	31014
880-17508-15	S-4 (2.5')	Total/NA	Solid	8015B NM	31014
880-17508-16	S-4 (3.5')	Total/NA	Solid	8015B NM	31014
880-17508-17	S-4 (4.5')	Total/NA	Solid	8015B NM	31014
880-17508-18	S-5 (0-1')	Total/NA	Solid	8015B NM	31014
880-17508-19	S-5 (1.5')	Total/NA	Solid	8015B NM	31014
880-17508-20	S-6 (0-1')	Total/NA	Solid	8015B NM	31014
MB 880-31014/1-A	Method Blank	Total/NA	Solid	8015B NM	31014
LCS 880-31014/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31014
LCSD 880-31014/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31014
880-17508-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	31014
880-17508-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	31014

Analysis Batch: 31117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-17508-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-17508-3	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-17508-4	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-17508-5	S-2 (2.5')	Total/NA	Solid	8015 NM	
880-17508-6	S-2 (3.5')	Total/NA	Solid	8015 NM	
880-17508-7	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-17508-8	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-17508-9	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-17508-10	S-3 (2.5')	Total/NA	Solid	8015 NM	
880-17508-11	S-3 (3.5')	Total/NA	Solid	8015 NM	
880-17508-12	S-3 (4.5')	Total/NA	Solid	8015 NM	
880-17508-13	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-17508-14	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-17508-15	S-4 (2.5')	Total/NA	Solid	8015 NM	
880-17508-16	S-4 (3.5')	Total/NA	Solid	8015 NM	
880-17508-17	S-4 (4.5')	Total/NA	Solid	8015 NM	
880-17508-18	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-17508-19	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-17508-20	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-17508-21	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-17508-22	S-6 (2.5')	Total/NA	Solid	8015 NM	
880-17508-23	S-6 (3.5')	Total/NA	Solid	8015 NM	
880-17508-24	S-6 (4.5')	Total/NA	Solid	8015 NM	
880-17508-25	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-26	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-27	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-28	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-29	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-30	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-31	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-17508-32	H-8 (0-0.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

HPLC/IC

Leach Batch: 31001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-17508-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-17508-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-17508-4	S-2 (1.5')	Soluble	Solid	DI Leach	
880-17508-5	S-2 (2.5')	Soluble	Solid	DI Leach	
880-17508-6	S-2 (3.5')	Soluble	Solid	DI Leach	
880-17508-7	S-2 (4.5')	Soluble	Solid	DI Leach	
880-17508-8	S-3 (0-1')	Soluble	Solid	DI Leach	
880-17508-9	S-3 (1.5')	Soluble	Solid	DI Leach	
880-17508-10	S-3 (2.5')	Soluble	Solid	DI Leach	
880-17508-11	S-3 (3.5')	Soluble	Solid	DI Leach	
880-17508-12	S-3 (4.5')	Soluble	Solid	DI Leach	
880-17508-13	S-4 (0-1')	Soluble	Solid	DI Leach	
880-17508-14	S-4 (1.5')	Soluble	Solid	DI Leach	
880-17508-15	S-4 (2.5')	Soluble	Solid	DI Leach	
880-17508-16	S-4 (3.5')	Soluble	Solid	DI Leach	
880-17508-17	S-4 (4.5')	Soluble	Solid	DI Leach	
880-17508-18	S-5 (0-1')	Soluble	Solid	DI Leach	
MB 880-31001/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31001/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31001/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17507-A-15-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17507-A-15-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-17508-9 MS	S-3 (1.5')	Soluble	Solid	DI Leach	
880-17508-9 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 31003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-19	S-5 (1.5')	Soluble	Solid	DI Leach	
880-17508-20	S-6 (0-1')	Soluble	Solid	DI Leach	
880-17508-21	S-6 (1.5')	Soluble	Solid	DI Leach	
880-17508-22	S-6 (2.5')	Soluble	Solid	DI Leach	
880-17508-23	S-6 (3.5')	Soluble	Solid	DI Leach	
880-17508-24	S-6 (4.5')	Soluble	Solid	DI Leach	
880-17508-25	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-26	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-27	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-28	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-29	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-30	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-31	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-32	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-31003/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31003/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31003/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17508-19 MS	S-5 (1.5')	Soluble	Solid	DI Leach	
880-17508-19 MSD	S-5 (1.5')	Soluble	Solid	DI Leach	
880-17508-29 MS	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-17508-29 MSD	H-5 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

HPLC/IC

Analysis Batch: 31307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-19	S-5 (1.5')	Soluble	Solid	300.0	31003
880-17508-20	S-6 (0-1')	Soluble	Solid	300.0	31003
880-17508-21	S-6 (1.5')	Soluble	Solid	300.0	31003
880-17508-22	S-6 (2.5')	Soluble	Solid	300.0	31003
880-17508-23	S-6 (3.5')	Soluble	Solid	300.0	31003
880-17508-24	S-6 (4.5')	Soluble	Solid	300.0	31003
880-17508-25	H-1 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-26	H-2 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-27	H-3 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-28	H-4 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-29	H-5 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-30	H-6 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-31	H-7 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-32	H-8 (0-0.5')	Soluble	Solid	300.0	31003
MB 880-31003/1-A	Method Blank	Soluble	Solid	300.0	31003
LCS 880-31003/2-A	Lab Control Sample	Soluble	Solid	300.0	31003
LCSD 880-31003/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31003
880-17508-19 MS	S-5 (1.5')	Soluble	Solid	300.0	31003
880-17508-19 MSD	S-5 (1.5')	Soluble	Solid	300.0	31003
880-17508-29 MS	H-5 (0-0.5')	Soluble	Solid	300.0	31003
880-17508-29 MSD	H-5 (0-0.5')	Soluble	Solid	300.0	31003

Analysis Batch: 31312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17508-1	S-1 (0-1')	Soluble	Solid	300.0	31001
880-17508-2	S-1 (1.5')	Soluble	Solid	300.0	31001
880-17508-3	S-2 (0-1')	Soluble	Solid	300.0	31001
880-17508-4	S-2 (1.5')	Soluble	Solid	300.0	31001
880-17508-5	S-2 (2.5')	Soluble	Solid	300.0	31001
880-17508-6	S-2 (3.5')	Soluble	Solid	300.0	31001
880-17508-7	S-2 (4.5')	Soluble	Solid	300.0	31001
880-17508-8	S-3 (0-1')	Soluble	Solid	300.0	31001
880-17508-9	S-3 (1.5')	Soluble	Solid	300.0	31001
880-17508-10	S-3 (2.5')	Soluble	Solid	300.0	31001
880-17508-11	S-3 (3.5')	Soluble	Solid	300.0	31001
880-17508-12	S-3 (4.5')	Soluble	Solid	300.0	31001
880-17508-13	S-4 (0-1')	Soluble	Solid	300.0	31001
880-17508-14	S-4 (1.5')	Soluble	Solid	300.0	31001
880-17508-15	S-4 (2.5')	Soluble	Solid	300.0	31001
880-17508-16	S-4 (3.5')	Soluble	Solid	300.0	31001
880-17508-17	S-4 (4.5')	Soluble	Solid	300.0	31001
880-17508-18	S-5 (0-1')	Soluble	Solid	300.0	31001
MB 880-31001/1-A	Method Blank	Soluble	Solid	300.0	31001
LCS 880-31001/2-A	Lab Control Sample	Soluble	Solid	300.0	31001
LCSD 880-31001/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31001
880-17507-A-15-B MS	Matrix Spike	Soluble	Solid	300.0	31001
880-17507-A-15-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31001
880-17508-9 MS	S-3 (1.5')	Soluble	Solid	300.0	31001
880-17508-9 MSD	S-3 (1.5')	Soluble	Solid	300.0	31001

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-1

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31196	08/01/22 14:48	MR	EETSC MID
Total/NA	Analysis	8021B		1			31322	08/02/22 21:35	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	07/31/22 21:15	SM	EETSC MII
Soluble	Leach	DI Leach			5.03 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/03/22 21:10	CH	EETSC MII

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17508-2

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31196	08/01/22 14:48	MR	EETSC MID
Total/NA	Analysis	8021B		1			31322	08/02/22 22:01	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	07/31/22 22:20	SM	EETSC MII
Soluble	Leach	DI Leach			4.98 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/04/22 13:15	CH	EETSC MII

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

Lab Sample ID: 880-17508-3

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31290	08/02/22 09:44	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 12:34	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	07/31/22 22:41	SM	EETSC MII
Soluble	Leach	DI Leach			5.01 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/04/22 13:23	CH	EETSC MII

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17508-4

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31191	08/01/22 13:04	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/03/22 05:41	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17508-4

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			31117	07/31/22 10:33	AJ	EETSC MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	07/31/22 23:03	SM	EETSC MII
Soluble	Leach	DI Leach			4.95 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		20			31312	08/03/22 21:36	CH	EETSC MII

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-17508-5

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31191	08/01/22 13:04	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/03/22 06:01	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	07/31/22 23:24	SM	EETSC MII
Soluble	Leach	DI Leach			5.03 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		1			31312	08/03/22 21:44	CH	EETSC MII

Client Sample ID: S-2 (3.5')

Lab Sample ID: 880-17508-6

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31191	08/01/22 13:04	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/03/22 06:22	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	07/31/22 23:46	SM	EETSC MII
Soluble	Leach	DI Leach			5 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		1			31312	08/03/22 21:52	CH	EETSC MII

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-17508-7

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31191	08/01/22 13:04	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/03/22 06:42	MR	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 00:07	SM	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (4.5')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MID
Soluble	Analysis	300.0		1			31312	08/03/22 22:00	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	31189	08/01/22 12:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 18:59	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 00:28	SM	EETSC MII
Soluble	Leach	DI Leach			5.02 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/03/22 22:08	CH	EETSC MII

Client Sample ID: S-3 (1.5')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	31189	08/01/22 12:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 19:20	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 00:50	SM	EETSC MII
Soluble	Leach	DI Leach			4.98 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/03/22 22:15	CH	EETSC MII

Client Sample ID: S-3 (2.5')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31189	08/01/22 12:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 19:41	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 01:11	SM	EETSC MII
Soluble	Leach	DI Leach			4.99 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/03/22 22:39	CH	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-17508-11

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31189	08/01/22 12:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 20:01	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 01:53	SM	EETSC MII
Soluble	Leach	DI Leach			5.01 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		1			31312	08/04/22 13:30	CH	EETSC MII

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-17508-12

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/02/22 23:49	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 02:14	SM	EETSC MII
Soluble	Leach	DI Leach			4.97 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		1			31312	08/03/22 23:10	CH	EETSC MII

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

Lab Sample ID: 880-17508-13

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 00:10	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 02:35	SM	EETSC MII
Soluble	Leach	DI Leach			5.01 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/03/22 23:18	CH	EETSC MII

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-17508-14

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 00:31	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-17508-14

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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			31117	07/31/22 10:33	AJ	EETSC MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 02:56	SM	EETSC MII
Soluble	Leach	DI Leach			5.02 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		1			31312	08/04/22 13:38	CH	EETSC MII

Client Sample ID: S-4 (2.5')

Lab Sample ID: 880-17508-15

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 00:51	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 03:17	SM	EETSC MII
Soluble	Leach	DI Leach			4.95 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		20			31312	08/03/22 23:34	CH	EETSC MII

Client Sample ID: S-4 (3.5')

Lab Sample ID: 880-17508-16

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 01:12	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 03:39	SM	EETSC MII
Soluble	Leach	DI Leach			5.01 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		20			31312	08/03/22 23:42	CH	EETSC MII

Client Sample ID: S-4 (4.5')

Lab Sample ID: 880-17508-17

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 01:33	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 04:00	SM	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (4.5')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-17

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	31001	07/29/22 11:35	SMC	EETSC MID
Soluble	Analysis	300.0		1			31312	08/03/22 23:50	CH	EETSC MII

Client Sample ID: S-5 (0-1')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-18

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			4.96 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 01:54	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 04:21	SM	EETSC MII
Soluble	Leach	DI Leach			4.95 g	50 mL	31001	07/29/22 11:35	SMC	EETSC MII
Soluble	Analysis	300.0		10			31312	08/03/22 23:57	CH	EETSC MII

Client Sample ID: S-5 (1.5')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-19

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			5.01 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 02:14	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 04:42	SM	EETSC MII
Soluble	Leach	DI Leach			5.03 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		10			31307	08/03/22 03:16	CH	EETSC MII

Client Sample ID: S-6 (0-1')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-20

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			5.02 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 02:35	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31014	07/29/22 13:53	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31085	08/01/22 05:03	SM	EETSC MII
Soluble	Leach	DI Leach			5.05 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		1			31307	08/03/22 03:40	CH	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-17508-21

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 02:56	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/30/22 23:50	AJ	EETSC MII
Soluble	Leach	DI Leach			5.02 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		10			31307	08/03/22 03:47	CH	EETSC MII

Client Sample ID: S-6 (2.5')

Lab Sample ID: 880-17508-22

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 04:20	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 00:11	AJ	EETSC MII
Soluble	Leach	DI Leach			5 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		10			31307	08/03/22 03:55	CH	EETSC MII

Client Sample ID: S-6 (3.5')

Lab Sample ID: 880-17508-23

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 04:41	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 00:32	AJ	EETSC MII
Soluble	Leach	DI Leach			5.04 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		10			31307	08/03/22 10:20	CH	EETSC MII

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-17508-24

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 05:02	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (4.5')

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-24

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			31117	07/31/22 10:33	AJ	EETSC MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 00:53	AJ	EETSC MII
Soluble	Leach	DI Leach			5.05 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		5			31307	08/03/22 04:27	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 05:23	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 01:35	AJ	EETSC MII
Soluble	Leach	DI Leach			4.99 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		1			31307	08/03/22 04:35	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-26

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			4.95 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 05:43	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 01:57	AJ	EETSC MII
Soluble	Leach	DI Leach			5.03 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		1			31307	08/03/22 04:42	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-27

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 06:04	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 02:18	AJ	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-27

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	31003	07/29/22 11:39	SMC	EETSC MID
Soluble	Analysis	300.0		1			31307	08/03/22 04:50	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 06:25	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 02:39	AJ	EETSC MII
Soluble	Leach	DI Leach			5 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		1			31307	08/03/22 04:58	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 06:45	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 03:00	AJ	EETSC MII
Soluble	Leach	DI Leach			4.96 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		1			31307	08/03/22 05:06	CH	EETSC MII

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

Date Collected: 07/28/22 00:00

Date Received: 07/29/22 09:49

Lab Sample ID: 880-17508-30

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			5.04 g	5 mL	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 07:06	AJ	EETSC MII
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MII
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MII
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31013	07/29/22 13:50	DM	EETSC MII
Total/NA	Analysis	8015B NM		1			31049	07/31/22 03:22	AJ	EETSC MII
Soluble	Leach	DI Leach			4.98 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MII
Soluble	Analysis	300.0		1			31307	08/03/22 05:29	CH	EETSC MII

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
 SDG: Eddy Co, NM

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

Lab Sample ID: 880-17508-31

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31192	08/01/22 13:09	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31250	08/03/22 07:27	AJ	EETSC MIL
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MIL
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MIL
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31013	07/29/22 13:50	DM	EETSC MIL
Total/NA	Analysis	8015B NM		1			31049	07/31/22 03:43	AJ	EETSC MIL
Soluble	Leach	DI Leach			5.03 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MIL
Soluble	Analysis	300.0		1			31307	08/03/22 05:37	CH	EETSC MIL

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-17508-32

Date Collected: 07/28/22 00:00

Matrix: Solid

Date Received: 07/29/22 09:49

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	31290	08/02/22 09:44	MR	EETSC MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 12:55	MR	EETSC MIL
Total/NA	Analysis	Total BTEX		1			31343	08/02/22 16:31	SM	EETSC MIL
Total/NA	Analysis	8015 NM		1			31117	07/31/22 10:33	AJ	EETSC MIL
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31013	07/29/22 13:50	DM	EETSC MIL
Total/NA	Analysis	8015B NM		1			31049	07/31/22 04:04	AJ	EETSC MIL
Soluble	Leach	DI Leach			5 g	50 mL	31003	07/29/22 11:39	SMC	EETSC MIL
Soluble	Analysis	300.0		1			31307	08/03/22 06:01	CH	EETSC MIL

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
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	T104704400-22-24	06-30-23

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

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

Method Summary

Client: Carmona Resources

Job ID: 880-17508-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy Co, NM

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

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-17508-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17508-1	S-1 (0-1')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-2	S-1 (1.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-3	S-2 (0-1')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-4	S-2 (1.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-5	S-2 (2.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-6	S-2 (3.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-7	S-2 (4.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-8	S-3 (0-1')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-9	S-3 (1.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-10	S-3 (2.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-11	S-3 (3.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-12	S-3 (4.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-13	S-4 (0-1')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-14	S-4 (1.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-15	S-4 (2.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-16	S-4 (3.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-17	S-4 (4.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-18	S-5 (0-1')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-19	S-5 (1.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-20	S-6 (0-1')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-21	S-6 (1.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-22	S-6 (2.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-23	S-6 (3.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-24	S-6 (4.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-25	H-1 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-26	H-2 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-27	H-3 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-28	H-4 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-29	H-5 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-30	H-6 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-31	H-7 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49
880-17508-32	H-8 (0-0.5')	Solid	07/28/22 00:00	07/29/22 09:49

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Work Order No: 17508

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Project Manager	Ashton Thielke	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	432-813-5347	Email	jacqui.harris@cornocphillips.com

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

Project Name	Graham Cracker 2 State Com 001H	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number	1107	Due Date	72 Hr												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	Yes (No)											NaHSO ₄ NABIS	
Cooler Custody Seals	Yes (No)		Temperature Factor	Yes (No)											Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes (No)		Temperature Reading	Yes (No)											Zn Acetate+NaOH Zn	
Total Containers			Corrected Temperature												NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Analysis Results										Sample Comments			
							PH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH	TPH		TPH		
S-1 (0-1')	7/28/2022		X		G	1	X	X	X											
S-1 (1-5')	7/28/2022		X		G	1	X	X	X											
S-2 (0-1')	7/28/2022		X		G	1	X	X	X											
S-2 (1-5')	7/28/2022		X		G	1	X	X	X											
S-2 (2-5')	7/28/2022		X		G	1	X	X	X											
S-2 (3-5')	7/28/2022		X		G	1	X	X	X											
S-2 (4-5')	7/28/2022		X		G	1	X	X	X											
S-3 (0-1')	7/28/2022		X		G	1	X	X	X											
S-3 (1-5')	7/28/2022		X		G	1	X	X	X											
S-3 (2-5')	7/28/2022		X		G	1	X	X	X											



880-17508 Chain of Custody



880-17508 Chain of Custody

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		7/29/22 9:49			

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Work Order No: 17508

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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	432-813-5347	Email:	jacqui.harris@conocophillips.com

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

Project Name	Graham Cracker 2 State Com 001H	Turn Around	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1107	☐ Routine ☒ Rush													None NO	DI Water H ₂ O
Project Location	Eddy Co. NM	Due Date	72 Hr												Cool Cool	MeOH Me
Sampler's Name	AT	TAT starts the day received by the lab if received by 4 30pm													HCL HC	HNO ₃ HN
PO #:															H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank:	Yes No	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/	# of											Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/29/22 9:49		

Work Order No: 17508

Work Order No: 17508

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17508-1

SDG Number: Eddy Co, NM

Login Number: 17508

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	



Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-19604-1

Laboratory Sample Delivery Group: Eddy County, New Mexico
Client Project/Site: Graham Cracker 2 State Com 001H
(07.09.22)

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:
9/30/2022 11:48:20 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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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: Graham Cracker 2 State Com 001H (07.09.22)

Laboratory Job ID: 880-19604-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Job ID: 880-19604-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-19604-1****Receipt**

The samples were received on 9/23/2022 4:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-35346/1-A) and (LCSD 880-35346/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-19603-A-22-B MS) and (880-19603-A-22-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-19604-1), T-1 (1.5') (880-19604-2), T-1 (2') (880-19604-3), T-1 (3') (880-19604-4) and (880-19603-A-22-D). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: LCSD biased high. Since only an acceptable LCS is required per the method, the data has been qualified and reported. (LCSD 880-35346/2-A)

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-35346 and analytical batch 880-35345 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-2 (0-1') (880-19604-5), T-2 (1.5') (880-19604-6), T-2 (2') (880-19604-7), T-2 (3') (880-19604-8), T-2 (4') (880-19604-9), T-2 (5') (880-19604-10), T-2 (6') (880-19604-11), T-2 (7') (880-19604-12), T-2 (8') (880-19604-13) and T-3 (0-1') (880-19604-14). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35431 and analytical batch 880-35712 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-19604-A-1-F MS) and (880-19604-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-35347 and analytical batch 880-35337 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-4 (0-1') (880-19604-22) and T-4 (1.5') (880-19604-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35370 and analytical batch 880-35428 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.

Case Narrative

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Job ID: 880-19604-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35369 and analytical batch 880-35429 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.

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19604-1

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/26/22 08:15	09/26/22 13:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/26/22 08:15	09/26/22 13:15	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		09/26/22 08:15	09/26/22 13:15	1
m-Xylene & p-Xylene	<0.00396	U *	0.00396		mg/Kg		09/26/22 08:15	09/26/22 13:15	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		09/26/22 08:15	09/26/22 13:15	1
Xylenes, Total	<0.00396	U *	0.00396		mg/Kg		09/26/22 08:15	09/26/22 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	09/26/22 08:15	09/26/22 13:15	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/26/22 08:15	09/26/22 13:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 11:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	09/26/22 08:22	09/26/22 11:08	1
o-Terphenyl	83		70 - 130	09/26/22 08:22	09/26/22 11:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12100	F1	249		mg/Kg			09/27/22 06:01	50

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-19604-2

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:36	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:36	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		09/26/22 08:15	09/26/22 13:36	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:36	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		09/26/22 08:15	09/26/22 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	09/26/22 08:15	09/26/22 13:36	1
1,4-Difluorobenzene (Surr)	122		70 - 130	09/26/22 08:15	09/26/22 13:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-19604-2

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/22 10:34	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 *1	49.8		mg/Kg		09/26/22 08:22	09/26/22 12:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 12:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/26/22 08:22	09/26/22 12:13	1
o-Terphenyl	89		70 - 130				09/26/22 08:22	09/26/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12200		99.2		mg/Kg			09/27/22 06:16	20

Client Sample ID: T-1 (2')

Lab Sample ID: 880-19604-3

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:56	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:56	1
m-Xylene & p-Xylene	<0.00400	U **	0.00400		mg/Kg		09/26/22 08:15	09/26/22 13:56	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		09/26/22 08:15	09/26/22 13:56	1
Xylenes, Total	<0.00400	U **	0.00400		mg/Kg		09/26/22 08:15	09/26/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				09/26/22 08:15	09/26/22 13:56	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/26/22 08:15	09/26/22 13:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 12:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 12:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-19604-3

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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		09/26/22 08:22	09/26/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/26/22 08:22	09/26/22 12:34	1
o-Terphenyl	102		70 - 130				09/26/22 08:22	09/26/22 12:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		24.9		mg/Kg			09/27/22 06:21	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-19604-4

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 08:15	09/26/22 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 08:15	09/26/22 14:17	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		09/26/22 08:15	09/26/22 14:17	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/26/22 08:15	09/26/22 14:17	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/26/22 08:15	09/26/22 14:17	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/26/22 08:15	09/26/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				09/26/22 08:15	09/26/22 14:17	1
1,4-Difluorobenzene (Surr)	105		70 - 130				09/26/22 08:15	09/26/22 14:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/22 10:34	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 *1	49.8		mg/Kg		09/26/22 08:22	09/26/22 12:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 12:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/26/22 08:22	09/26/22 12:56	1
o-Terphenyl	101		70 - 130				09/26/22 08:22	09/26/22 12:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		5.01		mg/Kg			09/27/22 06:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19604-5

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 15:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 15:41	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 15:41	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		09/26/22 08:15	09/26/22 15:41	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 15:41	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		09/26/22 08:15	09/26/22 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130	09/26/22 08:15	09/26/22 15:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/26/22 08:15	09/26/22 15:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	131		50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 13:18	1
Diesel Range Organics (Over C10-C28)	131		50.0		mg/Kg		09/26/22 08:22	09/26/22 13:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	09/26/22 08:22	09/26/22 13:18	1
o-Terphenyl	90		70 - 130	09/26/22 08:22	09/26/22 13:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23300		252		mg/Kg			09/27/22 06:30	50

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-19604-6

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/26/22 08:15	09/26/22 16:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/26/22 08:15	09/26/22 16:02	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		09/26/22 08:15	09/26/22 16:02	1
m-Xylene & p-Xylene	<0.00404	U *	0.00404		mg/Kg		09/26/22 08:15	09/26/22 16:02	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		09/26/22 08:15	09/26/22 16:02	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		09/26/22 08:15	09/26/22 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	09/26/22 08:15	09/26/22 16:02	1
1,4-Difluorobenzene (Surr)	117		70 - 130	09/26/22 08:15	09/26/22 16:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-19604-6

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	149		50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 13:40	1
Diesel Range Organics (Over C10-C28)	149		50.0		mg/Kg		09/26/22 08:22	09/26/22 13:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/26/22 08:22	09/26/22 13:40	1
o-Terphenyl	99		70 - 130				09/26/22 08:22	09/26/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25900		251		mg/Kg			09/27/22 06:45	50

Client Sample ID: T-2 (2')

Lab Sample ID: 880-19604-7

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 08:15	09/26/22 16:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 08:15	09/26/22 16:23	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		09/26/22 08:15	09/26/22 16:23	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		09/26/22 08:15	09/26/22 16:23	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		09/26/22 08:15	09/26/22 16:23	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		09/26/22 08:15	09/26/22 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130				09/26/22 08:15	09/26/22 16:23	1
1,4-Difluorobenzene (Surr)	112		70 - 130				09/26/22 08:15	09/26/22 16:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/22 10:34	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 *1	49.8		mg/Kg		09/26/22 08:22	09/26/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 14:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-19604-7

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				09/26/22 08:22	09/26/22 14:01	1
o-Terphenyl	109		70 - 130				09/26/22 08:22	09/26/22 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12900		250		mg/Kg			09/27/22 06:50	50

Client Sample ID: T-2 (3')

Lab Sample ID: 880-19604-8

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 16:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 16:44	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 16:44	1
m-Xylene & p-Xylene	<0.00400	U *	0.00400		mg/Kg		09/26/22 08:15	09/26/22 16:44	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 16:44	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		09/26/22 08:15	09/26/22 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130				09/26/22 08:15	09/26/22 16:44	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130				09/26/22 08:15	09/26/22 16:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 14:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 14:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/26/22 08:22	09/26/22 14:23	1
o-Terphenyl	107		70 - 130				09/26/22 08:22	09/26/22 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14600		250		mg/Kg			09/27/22 06:55	50

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (4')

Lab Sample ID: 880-19604-9

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/26/22 08:15	09/26/22 17:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/26/22 08:15	09/26/22 17:04	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		09/26/22 08:15	09/26/22 17:04	1
m-Xylene & p-Xylene	<0.00403	U *	0.00403		mg/Kg		09/26/22 08:15	09/26/22 17:04	1
o-Xylene	<0.00202	U *	0.00202		mg/Kg		09/26/22 08:15	09/26/22 17:04	1
Xylenes, Total	<0.00403	U *	0.00403		mg/Kg		09/26/22 08:15	09/26/22 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	09/26/22 08:15	09/26/22 17:04	1
1,4-Difluorobenzene (Surr)	120		70 - 130	09/26/22 08:15	09/26/22 17:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 14:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	09/26/22 08:22	09/26/22 14:45	1
o-Terphenyl	108		70 - 130	09/26/22 08:22	09/26/22 14:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13600		250		mg/Kg			09/27/22 06:59	50

Client Sample ID: T-2 (5')

Lab Sample ID: 880-19604-10

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 17:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 17:25	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 17:25	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		09/26/22 08:15	09/26/22 17:25	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/26/22 08:15	09/26/22 17:25	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		09/26/22 08:15	09/26/22 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	09/26/22 08:15	09/26/22 17:25	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/26/22 08:15	09/26/22 17:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (5')

Lab Sample ID: 880-19604-10

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/26/22 08:22	09/26/22 15:06	1
o-Terphenyl	83		70 - 130				09/26/22 08:22	09/26/22 15:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		49.7		mg/Kg			09/27/22 07:04	10

Client Sample ID: T-2 (6')

Lab Sample ID: 880-19604-11

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/26/22 08:15	09/26/22 17:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/26/22 08:15	09/26/22 17:46	1
Ethylbenzene	<0.00198	U **	0.00198		mg/Kg		09/26/22 08:15	09/26/22 17:46	1
m-Xylene & p-Xylene	<0.00396	U **	0.00396		mg/Kg		09/26/22 08:15	09/26/22 17:46	1
o-Xylene	<0.00198	U **	0.00198		mg/Kg		09/26/22 08:15	09/26/22 17:46	1
Xylenes, Total	<0.00396	U **	0.00396		mg/Kg		09/26/22 08:15	09/26/22 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130				09/26/22 08:15	09/26/22 17:46	1
1,4-Difluorobenzene (Surr)	117		70 - 130				09/26/22 08:15	09/26/22 17:46	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 15:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 15:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (6')

Lab Sample ID: 880-19604-11

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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		09/26/22 08:22	09/26/22 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/26/22 08:22	09/26/22 15:49	1
o-Terphenyl	95		70 - 130				09/26/22 08:22	09/26/22 15:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		24.8		mg/Kg			09/27/22 07:09	5

Client Sample ID: T-2 (7')

Lab Sample ID: 880-19604-12

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 08:15	09/26/22 18:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 08:15	09/26/22 18:06	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		09/26/22 08:15	09/26/22 18:06	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/26/22 08:15	09/26/22 18:06	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/26/22 08:15	09/26/22 18:06	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/26/22 08:15	09/26/22 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				09/26/22 08:15	09/26/22 18:06	1
1,4-Difluorobenzene (Surr)	108		70 - 130				09/26/22 08:15	09/26/22 18:06	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 16:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 16:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				09/26/22 08:22	09/26/22 16:11	1
o-Terphenyl	97		70 - 130				09/26/22 08:22	09/26/22 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		5.03		mg/Kg			09/27/22 07:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (8')

Lab Sample ID: 880-19604-13

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/26/22 08:15	09/26/22 18:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/26/22 08:15	09/26/22 18:27	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		09/26/22 08:15	09/26/22 18:27	1
m-Xylene & p-Xylene	<0.00397	U *	0.00397		mg/Kg		09/26/22 08:15	09/26/22 18:27	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		09/26/22 08:15	09/26/22 18:27	1
Xylenes, Total	<0.00397	U *	0.00397		mg/Kg		09/26/22 08:15	09/26/22 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	09/26/22 08:15	09/26/22 18:27	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/26/22 08:15	09/26/22 18:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 16:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 16:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	09/26/22 08:22	09/26/22 16:32	1
o-Terphenyl	88		70 - 130	09/26/22 08:22	09/26/22 16:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.9		4.97		mg/Kg			09/27/22 07:28	1

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

Lab Sample ID: 880-19604-14

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/26/22 08:15	09/26/22 18:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/26/22 08:15	09/26/22 18:48	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		09/26/22 08:15	09/26/22 18:48	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		09/26/22 08:15	09/26/22 18:48	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		09/26/22 08:15	09/26/22 18:48	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		09/26/22 08:15	09/26/22 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	09/26/22 08:15	09/26/22 18:48	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/26/22 08:15	09/26/22 18:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19604-14

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	89.0		49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 16:54	1
Diesel Range Organics (Over C10-C28)	89.0		49.9		mg/Kg		09/26/22 08:22	09/26/22 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				09/26/22 08:22	09/26/22 16:54	1
o-Terphenyl	92		70 - 130				09/26/22 08:22	09/26/22 16:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18700		249		mg/Kg			09/27/22 07:43	50

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-19604-15

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 04:07	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		09/26/22 15:56	09/30/22 04:07	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		09/26/22 15:56	09/30/22 04:07	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		09/26/22 15:56	09/30/22 04:07	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		09/26/22 15:56	09/30/22 04:07	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		09/26/22 15:56	09/30/22 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/26/22 15:56	09/30/22 04:07	1
1,4-Difluorobenzene (Surr)	81		70 - 130				09/26/22 15:56	09/30/22 04:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/22 10:34	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 *1	49.8		mg/Kg		09/26/22 08:22	09/26/22 17:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 17:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-19604-15

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:22	09/26/22 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				09/26/22 08:22	09/26/22 17:15	1
o-Terphenyl	88		70 - 130				09/26/22 08:22	09/26/22 17:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11300		251		mg/Kg			09/27/22 07:48	50

Client Sample ID: T-3 (2')

Lab Sample ID: 880-19604-16

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 04:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				09/26/22 15:56	09/30/22 04:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130				09/26/22 15:56	09/30/22 04:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	138		49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 17:36	1
Diesel Range Organics (Over C10-C28)	138		49.9		mg/Kg		09/26/22 08:22	09/26/22 17:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/26/22 08:22	09/26/22 17:36	1
o-Terphenyl	91		70 - 130				09/26/22 08:22	09/26/22 17:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24600		250		mg/Kg			09/27/22 07:53	50

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-19604-17

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/26/22 15:56	09/30/22 04:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/26/22 15:56	09/30/22 04:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/26/22 15:56	09/30/22 04:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/26/22 15:56	09/30/22 04:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/26/22 15:56	09/30/22 04:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/26/22 15:56	09/30/22 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/26/22 15:56	09/30/22 04:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/26/22 15:56	09/30/22 04:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	207		49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 17:58	1
Diesel Range Organics (Over C10-C28)	207		49.9		mg/Kg		09/26/22 08:22	09/26/22 17:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	09/26/22 08:22	09/26/22 17:58	1
o-Terphenyl	105		70 - 130	09/26/22 08:22	09/26/22 17:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19700		252		mg/Kg			09/27/22 07:58	50

Client Sample ID: T-3 (4')

Lab Sample ID: 880-19604-18

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 05:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 05:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 05:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 05:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 05:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 05:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/26/22 15:56	09/30/22 05:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/26/22 15:56	09/30/22 05:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (4')

Lab Sample ID: 880-19604-18

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	111		50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 18:19	1
Diesel Range Organics (Over C10-C28)	111		50.0		mg/Kg		09/26/22 08:22	09/26/22 18:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				09/26/22 08:22	09/26/22 18:19	1
o-Terphenyl	92		70 - 130				09/26/22 08:22	09/26/22 18:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21100		250		mg/Kg			09/27/22 08:02	50

Client Sample ID: T-3 (5')

Lab Sample ID: 880-19604-19

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 05:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 05:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 05:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 05:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 05:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				09/26/22 15:56	09/30/22 05:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130				09/26/22 15:56	09/30/22 05:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	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 *1	49.9		mg/Kg		09/26/22 08:22	09/26/22 18:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:22	09/26/22 18:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (5')

Lab Sample ID: 880-19604-19

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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		09/26/22 08:22	09/26/22 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/26/22 08:22	09/26/22 18:41	1
o-Terphenyl	92		70 - 130				09/26/22 08:22	09/26/22 18:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		99.2		mg/Kg			09/27/22 08:07	20

Client Sample ID: T-3 (6')

Lab Sample ID: 880-19604-20

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 05:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 05:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 05:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/26/22 15:56	09/30/22 05:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 05:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/26/22 15:56	09/30/22 05:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/26/22 15:56	09/30/22 05:50	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/26/22 15:56	09/30/22 05:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	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 *1	50.0		mg/Kg		09/26/22 08:22	09/26/22 19:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 19:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				09/26/22 08:22	09/26/22 19:02	1
o-Terphenyl	97		70 - 130				09/26/22 08:22	09/26/22 19:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3160		101		mg/Kg			09/27/22 08:12	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (7')

Lab Sample ID: 880-19604-21

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 06:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 06:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 06:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 06:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 06:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/26/22 15:56	09/30/22 06:11	1
1,4-Difluorobenzene (Surr)	92		70 - 130	09/26/22 15:56	09/30/22 06:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 11:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 11:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 11:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	09/26/22 08:27	09/26/22 11:08	1
o-Terphenyl	87		70 - 130	09/26/22 08:27	09/26/22 11:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.1		5.05		mg/Kg			09/27/22 03:12	1

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-19604-22

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 06:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 06:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 06:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 06:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 06:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 06:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	09/26/22 15:56	09/30/22 06:32	1
1,4-Difluorobenzene (Surr)	91		70 - 130	09/26/22 15:56	09/30/22 06:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-19604-22

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.3		49.8		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 12:13	1
Diesel Range Organics (Over C10-C28)	52.3		49.8		mg/Kg		09/26/22 08:27	09/26/22 12:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 12:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				09/26/22 08:27	09/26/22 12:13	1
o-Terphenyl	66	S1-	70 - 130				09/26/22 08:27	09/26/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29400		251		mg/Kg			09/27/22 04:10	50

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-19604-23

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 06:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 06:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 06:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/26/22 15:56	09/30/22 06:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 06:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/26/22 15:56	09/30/22 06:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				09/26/22 15:56	09/30/22 06:52	1
1,4-Difluorobenzene (Surr)	89		70 - 130				09/26/22 15:56	09/30/22 06:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 12:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 12:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-19604-23

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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		09/26/22 08:27	09/26/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				09/26/22 08:27	09/26/22 12:34	1
o-Terphenyl	60	S1-	70 - 130				09/26/22 08:27	09/26/22 12:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18100		251		mg/Kg			09/27/22 03:26	50

Client Sample ID: T-4 (2')

Lab Sample ID: 880-19604-24

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 08:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 08:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/26/22 15:56	09/30/22 08:37	1
1,4-Difluorobenzene (Surr)	86		70 - 130				09/26/22 15:56	09/30/22 08:37	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 12:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 12:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/26/22 08:27	09/26/22 12:56	1
o-Terphenyl	117		70 - 130				09/26/22 08:27	09/26/22 12:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18600		250		mg/Kg			09/27/22 03:31	50

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-19604-25

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 08:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 08:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 08:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/26/22 15:56	09/30/22 08:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/26/22 15:56	09/30/22 08:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 13:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	09/26/22 08:27	09/26/22 13:18	1
o-Terphenyl	107		70 - 130	09/26/22 08:27	09/26/22 13:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		50.0		mg/Kg			09/27/22 03:36	10

Client Sample ID: T-4 (4')

Lab Sample ID: 880-19604-26

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 09:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 09:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 09:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/26/22 15:56	09/30/22 09:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 09:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/26/22 15:56	09/30/22 09:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/26/22 15:56	09/30/22 09:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/26/22 15:56	09/30/22 09:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (4')

Lab Sample ID: 880-19604-26

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 13:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 13:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/26/22 08:27	09/26/22 13:40	1
o-Terphenyl	82		70 - 130				09/26/22 08:27	09/26/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1440		50.0		mg/Kg			09/27/22 03:41	10

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-19604-27

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 09:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 09:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 09:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 09:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 09:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 09:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				09/26/22 15:56	09/30/22 09:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/26/22 15:56	09/30/22 09:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	110		49.8		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 14:01	1
Diesel Range Organics (Over C10-C28)	110		49.8		mg/Kg		09/26/22 08:27	09/26/22 14:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-19604-27

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/26/22 08:27	09/26/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				09/26/22 08:27	09/26/22 14:01	1
o-Terphenyl	112		70 - 130				09/26/22 08:27	09/26/22 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.3		5.03		mg/Kg			09/27/22 03:55	1

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-19604-28

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 10:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 10:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 10:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 10:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 10:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 10:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				09/26/22 15:56	09/30/22 10:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/26/22 15:56	09/30/22 10:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 14:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 14:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/26/22 08:27	09/26/22 14:23	1
o-Terphenyl	92		70 - 130				09/26/22 08:27	09/26/22 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17800		249		mg/Kg			09/27/22 04:00	50

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-19604-29

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/26/22 15:56	09/30/22 10:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/26/22 15:56	09/30/22 10:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	09/26/22 15:56	09/30/22 10:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130	09/26/22 15:56	09/30/22 10:21	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	390		50.0		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 14:45	1
Diesel Range Organics (Over C10-C28)	315		50.0		mg/Kg		09/26/22 08:27	09/26/22 14:45	1
Oil Range Organics (Over C28-C36)	74.9		50.0		mg/Kg		09/26/22 08:27	09/26/22 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	09/26/22 08:27	09/26/22 14:45	1
o-Terphenyl	122		70 - 130	09/26/22 08:27	09/26/22 14:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12300		248		mg/Kg			09/27/22 04:05	50

Client Sample ID: T-5 (3')

Lab Sample ID: 880-19604-30

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/26/22 15:56	09/30/22 10:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 10:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/26/22 15:56	09/30/22 10:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	09/26/22 15:56	09/30/22 10:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/26/22 15:56	09/30/22 10:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (3')

Lab Sample ID: 880-19604-30

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.2		50.0		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 15:06	1
Diesel Range Organics (Over C10-C28)	56.2		50.0		mg/Kg		09/26/22 08:27	09/26/22 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/26/22 08:27	09/26/22 15:06	1
o-Terphenyl	100		70 - 130				09/26/22 08:27	09/26/22 15:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12900		251		mg/Kg			09/27/22 04:15	50

Client Sample ID: T-5 (4')

Lab Sample ID: 880-19604-31

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 11:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 11:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/26/22 15:56	09/30/22 11:03	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/26/22 15:56	09/30/22 11:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 15:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 15:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-19604-31

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

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		09/26/22 08:27	09/26/22 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/26/22 08:27	09/26/22 15:49	1
o-Terphenyl	94		70 - 130				09/26/22 08:27	09/26/22 15:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12000	F1	252		mg/Kg			09/27/22 04:19	50

Client Sample ID: T-5 (5')

Lab Sample ID: 880-19604-32

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 11:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 11:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 11:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 11:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/26/22 15:56	09/30/22 11:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/26/22 15:56	09/30/22 11:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/26/22 15:56	09/30/22 11:24	1
1,4-Difluorobenzene (Surr)	90		70 - 130				09/26/22 15:56	09/30/22 11:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 16:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 16:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 08:27	09/26/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/26/22 08:27	09/26/22 16:11	1
o-Terphenyl	116		70 - 130				09/26/22 08:27	09/26/22 16:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	333		24.9		mg/Kg			09/27/22 04:34	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (6')

Lab Sample ID: 880-19604-33

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 11:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/26/22 15:56	09/30/22 11:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/26/22 15:56	09/30/22 11:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	09/26/22 15:56	09/30/22 11:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/26/22 15:56	09/30/22 11:44	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/26/22 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/27/22 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 16:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 16:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	09/26/22 08:27	09/26/22 16:32	1
o-Terphenyl	109		70 - 130	09/26/22 08:27	09/26/22 16:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		24.8		mg/Kg			09/27/22 04:39	5

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-19603-A-22-B MS	Matrix Spike	146 S1+	115
880-19603-A-22-C MSD	Matrix Spike Duplicate	177 S1+	127
880-19604-1	T-1 (0-1')	157 S1+	111
880-19604-2	T-1 (1.5')	155 S1+	122
880-19604-3	T-1 (2')	150 S1+	110
880-19604-4	T-1 (3')	149 S1+	105
880-19604-5	T-2 (0-1')	161 S1+	99
880-19604-6	T-2 (1.5')	160 S1+	117
880-19604-7	T-2 (2')	170 S1+	112
880-19604-8	T-2 (3')	203 S1+	131 S1+
880-19604-9	T-2 (4')	167 S1+	120
880-19604-10	T-2 (5')	163 S1+	112
880-19604-11	T-2 (6')	163 S1+	117
880-19604-12	T-2 (7')	162 S1+	108
880-19604-13	T-2 (8')	169 S1+	106
880-19604-14	T-3 (0-1')	140 S1+	109
880-19604-15	T-3 (1.5')	101	81
880-19604-15 MS	T-3 (1.5')	85	91
880-19604-15 MSD	T-3 (1.5')	95	113
880-19604-16	T-3 (2')	104	94
880-19604-17	T-3 (3')	108	96
880-19604-18	T-3 (4')	107	96
880-19604-19	T-3 (5')	110	94
880-19604-20	T-3 (6')	106	93
880-19604-21	T-3 (7')	107	92
880-19604-22	T-4 (0-1')	104	91
880-19604-23	T-4 (1.5')	113	89
880-19604-24	T-4 (2')	100	86
880-19604-25	T-4 (3')	102	93
880-19604-26	T-4 (4')	102	95
880-19604-27	T-5 (0-1')	103	99
880-19604-28	T-5 (1.5')	97	93
880-19604-29	T-5 (2')	104	92
880-19604-30	T-5 (3')	103	93
880-19604-31	T-5 (4')	100	92
880-19604-32	T-5 (5')	105	90
880-19604-33	T-5 (6')	103	96
LCS 880-35346/1-A	Lab Control Sample	142 S1+	113
LCS 880-35431/1-A	Lab Control Sample	87	100
LCSD 880-35346/2-A	Lab Control Sample Dup	185 S1+	122
LCSD 880-35431/2-A	Lab Control Sample Dup	86	95
MB 880-35346/5-A	Method Blank	117	90
MB 880-35431/5-A	Method Blank	84	73
MB 880-35615/5-A	Method Blank	79	72

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-19604-1	T-1 (0-1')	91	83
880-19604-1 MS	T-1 (0-1')	92	65 S1-
880-19604-1 MSD	T-1 (0-1')	95	65 S1-
880-19604-2	T-1 (1.5')	96	89
880-19604-3	T-1 (2')	114	102
880-19604-4	T-1 (3')	110	101
880-19604-5	T-2 (0-1')	99	90
880-19604-6	T-2 (1.5')	108	99
880-19604-7	T-2 (2')	119	109
880-19604-8	T-2 (3')	117	107
880-19604-9	T-2 (4')	119	108
880-19604-10	T-2 (5')	91	83
880-19604-11	T-2 (6')	104	95
880-19604-12	T-2 (7')	109	97
880-19604-13	T-2 (8')	104	88
880-19604-14	T-3 (0-1')	103	92
880-19604-15	T-3 (1.5')	99	88
880-19604-16	T-3 (2')	102	91
880-19604-17	T-3 (3')	113	105
880-19604-18	T-3 (4')	100	92
880-19604-19	T-3 (5')	102	92
880-19604-20	T-3 (6')	105	97
880-19604-21	T-3 (7')	86	87
880-19604-21 MS	T-3 (7')	89	78
880-19604-21 MSD	T-3 (7')	79	72
880-19604-22	T-4 (0-1')	71	66 S1-
880-19604-23	T-4 (1.5')	66 S1-	60 S1-
880-19604-24	T-4 (2')	110	117
880-19604-25	T-4 (3')	100	107
880-19604-26	T-4 (4')	86	82
880-19604-27	T-5 (0-1')	107	112
880-19604-28	T-5 (1.5')	88	92
880-19604-29	T-5 (2')	115	122
880-19604-30	T-5 (3')	102	100
880-19604-31	T-5 (4')	88	94
880-19604-32	T-5 (5')	106	116
880-19604-33	T-5 (6')	101	109
LCS 880-35347/2-A	Lab Control Sample	108	82
LCS 880-35349/2-A	Lab Control Sample	96	102
LCSD 880-35347/3-A	Lab Control Sample Dup	115	93
LCSD 880-35349/3-A	Lab Control Sample Dup	92	98
MB 880-35347/1-A	Method Blank	95	80
MB 880-35349/1-A	Method Blank	105	113

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35346/5-A

Matrix: Solid

Analysis Batch: 35345

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35346

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 10:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 10:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 10:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/26/22 08:15	09/26/22 10:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 08:15	09/26/22 10:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/26/22 08:15	09/26/22 10:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/26/22 08:15	09/26/22 10:48	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/26/22 08:15	09/26/22 10:48	1

Lab Sample ID: LCS 880-35346/1-A

Matrix: Solid

Analysis Batch: 35345

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1142		mg/Kg		114	70 - 130
Toluene	0.100	0.1053		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1172		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	0.200	0.2600		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1243		mg/Kg		124	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-35346/2-A

Matrix: Solid

Analysis Batch: 35345

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35346

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1147		mg/Kg		115	70 - 130	0	35
Toluene	0.100	0.1180		mg/Kg		118	70 - 130	11	35
Ethylbenzene	0.100	0.1440	*+	mg/Kg		144	70 - 130	21	35
m-Xylene & p-Xylene	0.200	0.3350	*+	mg/Kg		168	70 - 130	25	35
o-Xylene	0.100	0.1624	*+	mg/Kg		162	70 - 130	27	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

Lab Sample ID: 880-19603-A-22-B MS

Matrix: Solid

Analysis Batch: 35345

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 35346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.1119		mg/Kg		110	70 - 130
Toluene	<0.00201	U	0.101	0.1065		mg/Kg		106	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19603-A-22-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35345

Prep Batch: 35346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U *	0.101	0.1145		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	<0.00402	U *+ F1	0.202	0.2542		mg/Kg		126	70 - 130
o-Xylene	<0.00201	U *+ F1	0.101	0.1217		mg/Kg		121	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-19603-A-22-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35345

Prep Batch: 35346

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.1029		mg/Kg		103	70 - 130	8	35
Toluene	<0.00201	U	0.0996	0.1022		mg/Kg		103	70 - 130	4	35
Ethylbenzene	<0.00201	U *	0.0996	0.1238		mg/Kg		122	70 - 130	8	35
m-Xylene & p-Xylene	<0.00402	U *+ F1	0.199	0.2806	F1	mg/Kg		141	70 - 130	10	35
o-Xylene	<0.00201	U *+ F1	0.0996	0.1370	F1	mg/Kg		138	70 - 130	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130
1,4-Difluorobenzene (Surr)	127		70 - 130

Lab Sample ID: MB 880-35431/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35712

Prep Batch: 35431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 03:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 03:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 03:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/26/22 15:56	09/30/22 03:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/26/22 15:56	09/30/22 03:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/26/22 15:56	09/30/22 03:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/26/22 15:56	09/30/22 03:45	1
1,4-Difluorobenzene (Surr)	73		70 - 130	09/26/22 15:56	09/30/22 03:45	1

Lab Sample ID: LCS 880-35431/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 35712

Prep Batch: 35431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1104		mg/Kg		110	70 - 130
Toluene	0.100	0.08742		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08360		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1655		mg/Kg		83	70 - 130

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QC Sample Results

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-35431/1-A

Matrix: Solid

Analysis Batch: 35712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08268		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-35431/2-A

Matrix: Solid

Analysis Batch: 35712

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35431

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1125		mg/Kg		112	70 - 130	2	35
Toluene	0.100	0.08656		mg/Kg		87	70 - 130	1	35
Ethylbenzene	0.100	0.08057		mg/Kg		81	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1596		mg/Kg		80	70 - 130	4	35
o-Xylene	0.100	0.07958		mg/Kg		80	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-19604-15 MS

Matrix: Solid

Analysis Batch: 35712

Client Sample ID: T-3 (1.5')

Prep Type: Total/NA

Prep Batch: 35431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0998	0.07559		mg/Kg		76	70 - 130
Toluene	<0.00201	U F1	0.0998	0.06253	F1	mg/Kg		63	70 - 130
Ethylbenzene	<0.00201	U F1	0.0998	0.05254	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1072	F1	mg/Kg		54	70 - 130
o-Xylene	<0.00201	U F1	0.0998	0.05510	F1	mg/Kg		55	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-19604-15 MSD

Matrix: Solid

Analysis Batch: 35712

Client Sample ID: T-3 (1.5')

Prep Type: Total/NA

Prep Batch: 35431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.1064		mg/Kg		107	70 - 130	34	35
Toluene	<0.00201	U F1	0.0996	0.08325		mg/Kg		84	70 - 130	28	35
Ethylbenzene	<0.00201	U F1	0.0996	0.07142		mg/Kg		72	70 - 130	30	35
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1441		mg/Kg		72	70 - 130	29	35
o-Xylene	<0.00201	U F1	0.0996	0.07215		mg/Kg		72	70 - 130	27	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19604-15 MSD

Matrix: Solid

Analysis Batch: 35712

Client Sample ID: T-3 (1.5')

Prep Type: Total/NA

Prep Batch: 35431

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-35615/5-A

Matrix: Solid

Analysis Batch: 35712

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35615

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/22 14:35	09/29/22 17:01	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/22 14:35	09/29/22 17:01	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/22 14:35	09/29/22 17:01	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/28/22 14:35	09/29/22 17:01	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/22 14:35	09/29/22 17:01	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/28/22 14:35	09/29/22 17:01	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	79		70 - 130				09/28/22 14:35	09/29/22 17:01	1	
1,4-Difluorobenzene (Surr)	72		70 - 130				09/28/22 14:35	09/29/22 17:01	1	

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

Lab Sample ID: MB 880-35347/1-A

Matrix: Solid

Analysis Batch: 35337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35347

	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		09/26/22 08:22	09/26/22 10:03	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 10:03	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:22	09/26/22 10:03	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	95		70 - 130				09/26/22 08:22	09/26/22 10:03	1	
o-Terphenyl	80		70 - 130				09/26/22 08:22	09/26/22 10:03	1	

Lab Sample ID: LCS 880-35347/2-A

Matrix: Solid

Analysis Batch: 35337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35347

	Spike	LCS	LCS							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	752.7		mg/Kg		75		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	827.5		mg/Kg		83		70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	108		70 - 130							
o-Terphenyl	82		70 - 130							

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QC Sample Results

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-35347/3-A

Matrix: Solid

Analysis Batch: 35337

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35347

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	999.1	*1	mg/Kg		100	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	1000	923.4		mg/Kg		92	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	115		70 - 130						
o-Terphenyl	93		70 - 130						

Lab Sample ID: 880-19604-1 MS

Matrix: Solid

Analysis Batch: 35337

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

Prep Type: Total/NA

Prep Batch: 35347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	998	883.2		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	829.6		mg/Kg		79	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	92		70 - 130								
o-Terphenyl	65	S1-	70 - 130								

Lab Sample ID: 880-19604-1 MSD

Matrix: Solid

Analysis Batch: 35337

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

Prep Type: Total/NA

Prep Batch: 35347

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 *1	999	904.4		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	853.9		mg/Kg		81	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	65	S1-	70 - 130								

Lab Sample ID: MB 880-35349/1-A

Matrix: Solid

Analysis Batch: 35339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 10:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 10:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 08:27	09/26/22 10:03	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-35349/1-A

Matrix: Solid

Analysis Batch: 35339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 35349

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	09/26/22 08:27	09/26/22 10:03	1
o-Terphenyl	113		70 - 130	09/26/22 08:27	09/26/22 10:03	1

Lab Sample ID: LCS 880-35349/2-A

Matrix: Solid

Analysis Batch: 35339

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 35349

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	952.1		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	868.5		mg/Kg		87	70 - 130		

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	96		70 - 130			
o-Terphenyl	102		70 - 130			

Lab Sample ID: LCSD 880-35349/3-A

Matrix: Solid

Analysis Batch: 35339

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 35349

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	912.5		mg/Kg		91	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	832.6		mg/Kg		83	70 - 130	4	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	92		70 - 130			
o-Terphenyl	98		70 - 130			

Lab Sample ID: 880-19604-21 MS

Matrix: Solid

Analysis Batch: 35339

Client Sample ID: T-3 (7')

Prep Type: Total/NA

Prep Batch: 35349

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	764.3		mg/Kg		74	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	886.7		mg/Kg		87	70 - 130		

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	89		70 - 130			
o-Terphenyl	78		70 - 130			

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QC Sample Results

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19604-21 MSD

Matrix: Solid

Analysis Batch: 35339

Client Sample ID: T-3 (7')

Prep Type: Total/NA

Prep Batch: 35349

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	750.8		mg/Kg		73	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	821.3		mg/Kg		81	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	79		70 - 130								
o-Terphenyl	72		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35370/1-A

Matrix: Solid

Analysis Batch: 35428

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			09/27/22 02:57	1

Lab Sample ID: LCS 880-35370/2-A

Matrix: Solid

Analysis Batch: 35428

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-35370/3-A

Matrix: Solid

Analysis Batch: 35428

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	243.4		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-19604-21 MS

Matrix: Solid

Analysis Batch: 35428

Client Sample ID: T-3 (7')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	62.1		253	294.0		mg/Kg		92	90 - 110

Lab Sample ID: 880-19604-21 MSD

Matrix: Solid

Analysis Batch: 35428

Client Sample ID: T-3 (7')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	62.1		253	295.7		mg/Kg		93	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-19604-31 MS

Matrix: Solid

Analysis Batch: 35428

Client Sample ID: T-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	12000	F1	12600	30140	F1	mg/Kg		144	90 - 110		

Lab Sample ID: 880-19604-31 MSD

Matrix: Solid

Analysis Batch: 35428

Client Sample ID: T-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12000	F1	12600	30120	F1	mg/Kg		144	90 - 110	0	20

Lab Sample ID: MB 880-35369/1-A

Matrix: Solid

Analysis Batch: 35429

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			09/27/22 05:47	1

Lab Sample ID: LCS 880-35369/2-A

Matrix: Solid

Analysis Batch: 35429

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	243.0		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-35369/3-A

Matrix: Solid

Analysis Batch: 35429

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	244.5		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-19604-1 MS

Matrix: Solid

Analysis Batch: 35429

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	12100	F1	12400	27120	F1	mg/Kg		121	90 - 110		

Lab Sample ID: 880-19604-1 MSD

Matrix: Solid

Analysis Batch: 35429

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12100	F1	12400	27170	F1	mg/Kg		121	90 - 110	0	20

Lab Sample ID: 880-19604-11 MS

Matrix: Solid

Analysis Batch: 35429

Client Sample ID: T-2 (6')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	400		1240	1610		mg/Kg		98	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-19604-11 MSD

Client Sample ID: T-2 (6')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 35429

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Chloride	400		1240	1612		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 35345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Total/NA	Solid	8021B	35346
880-19604-2	T-1 (1.5')	Total/NA	Solid	8021B	35346
880-19604-3	T-1 (2')	Total/NA	Solid	8021B	35346
880-19604-4	T-1 (3')	Total/NA	Solid	8021B	35346
880-19604-5	T-2 (0-1')	Total/NA	Solid	8021B	35346
880-19604-6	T-2 (1.5')	Total/NA	Solid	8021B	35346
880-19604-7	T-2 (2')	Total/NA	Solid	8021B	35346
880-19604-8	T-2 (3')	Total/NA	Solid	8021B	35346
880-19604-9	T-2 (4')	Total/NA	Solid	8021B	35346
880-19604-10	T-2 (5')	Total/NA	Solid	8021B	35346
880-19604-11	T-2 (6')	Total/NA	Solid	8021B	35346
880-19604-12	T-2 (7')	Total/NA	Solid	8021B	35346
880-19604-13	T-2 (8')	Total/NA	Solid	8021B	35346
880-19604-14	T-3 (0-1')	Total/NA	Solid	8021B	35346
MB 880-35346/5-A	Method Blank	Total/NA	Solid	8021B	35346
LCS 880-35346/1-A	Lab Control Sample	Total/NA	Solid	8021B	35346
LCSD 880-35346/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35346
880-19603-A-22-B MS	Matrix Spike	Total/NA	Solid	8021B	35346
880-19603-A-22-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	35346

Prep Batch: 35346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Total/NA	Solid	5035	
880-19604-2	T-1 (1.5')	Total/NA	Solid	5035	
880-19604-3	T-1 (2')	Total/NA	Solid	5035	
880-19604-4	T-1 (3')	Total/NA	Solid	5035	
880-19604-5	T-2 (0-1')	Total/NA	Solid	5035	
880-19604-6	T-2 (1.5')	Total/NA	Solid	5035	
880-19604-7	T-2 (2')	Total/NA	Solid	5035	
880-19604-8	T-2 (3')	Total/NA	Solid	5035	
880-19604-9	T-2 (4')	Total/NA	Solid	5035	
880-19604-10	T-2 (5')	Total/NA	Solid	5035	
880-19604-11	T-2 (6')	Total/NA	Solid	5035	
880-19604-12	T-2 (7')	Total/NA	Solid	5035	
880-19604-13	T-2 (8')	Total/NA	Solid	5035	
880-19604-14	T-3 (0-1')	Total/NA	Solid	5035	
MB 880-35346/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35346/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35346/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19603-A-22-B MS	Matrix Spike	Total/NA	Solid	5035	
880-19603-A-22-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 35431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-15	T-3 (1.5')	Total/NA	Solid	5035	
880-19604-16	T-3 (2')	Total/NA	Solid	5035	
880-19604-17	T-3 (3')	Total/NA	Solid	5035	
880-19604-18	T-3 (4')	Total/NA	Solid	5035	
880-19604-19	T-3 (5')	Total/NA	Solid	5035	
880-19604-20	T-3 (6')	Total/NA	Solid	5035	
880-19604-21	T-3 (7')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 35431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-22	T-4 (0-1')	Total/NA	Solid	5035	
880-19604-23	T-4 (1.5')	Total/NA	Solid	5035	
880-19604-24	T-4 (2')	Total/NA	Solid	5035	
880-19604-25	T-4 (3')	Total/NA	Solid	5035	
880-19604-26	T-4 (4')	Total/NA	Solid	5035	
880-19604-27	T-5 (0-1')	Total/NA	Solid	5035	
880-19604-28	T-5 (1.5')	Total/NA	Solid	5035	
880-19604-29	T-5 (2')	Total/NA	Solid	5035	
880-19604-30	T-5 (3')	Total/NA	Solid	5035	
880-19604-31	T-5 (4')	Total/NA	Solid	5035	
880-19604-32	T-5 (5')	Total/NA	Solid	5035	
880-19604-33	T-5 (6')	Total/NA	Solid	5035	
MB 880-35431/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35431/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35431/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19604-15 MS	T-3 (1.5')	Total/NA	Solid	5035	
880-19604-15 MSD	T-3 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 35456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-19604-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-19604-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-19604-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-19604-5	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-19604-6	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-19604-7	T-2 (2')	Total/NA	Solid	Total BTEX	
880-19604-8	T-2 (3')	Total/NA	Solid	Total BTEX	
880-19604-9	T-2 (4')	Total/NA	Solid	Total BTEX	
880-19604-10	T-2 (5')	Total/NA	Solid	Total BTEX	
880-19604-11	T-2 (6')	Total/NA	Solid	Total BTEX	
880-19604-12	T-2 (7')	Total/NA	Solid	Total BTEX	
880-19604-13	T-2 (8')	Total/NA	Solid	Total BTEX	
880-19604-14	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-19604-15	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-19604-16	T-3 (2')	Total/NA	Solid	Total BTEX	
880-19604-17	T-3 (3')	Total/NA	Solid	Total BTEX	
880-19604-18	T-3 (4')	Total/NA	Solid	Total BTEX	
880-19604-19	T-3 (5')	Total/NA	Solid	Total BTEX	
880-19604-20	T-3 (6')	Total/NA	Solid	Total BTEX	
880-19604-21	T-3 (7')	Total/NA	Solid	Total BTEX	
880-19604-22	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-19604-23	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-19604-24	T-4 (2')	Total/NA	Solid	Total BTEX	
880-19604-25	T-4 (3')	Total/NA	Solid	Total BTEX	
880-19604-26	T-4 (4')	Total/NA	Solid	Total BTEX	
880-19604-27	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-19604-28	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-19604-29	T-5 (2')	Total/NA	Solid	Total BTEX	
880-19604-30	T-5 (3')	Total/NA	Solid	Total BTEX	
880-19604-31	T-5 (4')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 35456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-32	T-5 (5')	Total/NA	Solid	Total BTEX	
880-19604-33	T-5 (6')	Total/NA	Solid	Total BTEX	

Prep Batch: 35615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35615/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 35712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-15	T-3 (1.5')	Total/NA	Solid	8021B	35431
880-19604-16	T-3 (2')	Total/NA	Solid	8021B	35431
880-19604-17	T-3 (3')	Total/NA	Solid	8021B	35431
880-19604-18	T-3 (4')	Total/NA	Solid	8021B	35431
880-19604-19	T-3 (5')	Total/NA	Solid	8021B	35431
880-19604-20	T-3 (6')	Total/NA	Solid	8021B	35431
880-19604-21	T-3 (7')	Total/NA	Solid	8021B	35431
880-19604-22	T-4 (0-1')	Total/NA	Solid	8021B	35431
880-19604-23	T-4 (1.5')	Total/NA	Solid	8021B	35431
880-19604-24	T-4 (2')	Total/NA	Solid	8021B	35431
880-19604-25	T-4 (3')	Total/NA	Solid	8021B	35431
880-19604-26	T-4 (4')	Total/NA	Solid	8021B	35431
880-19604-27	T-5 (0-1')	Total/NA	Solid	8021B	35431
880-19604-28	T-5 (1.5')	Total/NA	Solid	8021B	35431
880-19604-29	T-5 (2')	Total/NA	Solid	8021B	35431
880-19604-30	T-5 (3')	Total/NA	Solid	8021B	35431
880-19604-31	T-5 (4')	Total/NA	Solid	8021B	35431
880-19604-32	T-5 (5')	Total/NA	Solid	8021B	35431
880-19604-33	T-5 (6')	Total/NA	Solid	8021B	35431
MB 880-35431/5-A	Method Blank	Total/NA	Solid	8021B	35431
MB 880-35615/5-A	Method Blank	Total/NA	Solid	8021B	35615
LCS 880-35431/1-A	Lab Control Sample	Total/NA	Solid	8021B	35431
LCSD 880-35431/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35431
880-19604-15 MS	T-3 (1.5')	Total/NA	Solid	8021B	35431
880-19604-15 MSD	T-3 (1.5')	Total/NA	Solid	8021B	35431

GC Semi VOA

Analysis Batch: 35337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Total/NA	Solid	8015B NM	35347
880-19604-2	T-1 (1.5')	Total/NA	Solid	8015B NM	35347
880-19604-3	T-1 (2')	Total/NA	Solid	8015B NM	35347
880-19604-4	T-1 (3')	Total/NA	Solid	8015B NM	35347
880-19604-5	T-2 (0-1')	Total/NA	Solid	8015B NM	35347
880-19604-6	T-2 (1.5')	Total/NA	Solid	8015B NM	35347
880-19604-7	T-2 (2')	Total/NA	Solid	8015B NM	35347
880-19604-8	T-2 (3')	Total/NA	Solid	8015B NM	35347
880-19604-9	T-2 (4')	Total/NA	Solid	8015B NM	35347
880-19604-10	T-2 (5')	Total/NA	Solid	8015B NM	35347
880-19604-11	T-2 (6')	Total/NA	Solid	8015B NM	35347
880-19604-12	T-2 (7')	Total/NA	Solid	8015B NM	35347

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 35337 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-13	T-2 (8')	Total/NA	Solid	8015B NM	35347
880-19604-14	T-3 (0-1')	Total/NA	Solid	8015B NM	35347
880-19604-15	T-3 (1.5')	Total/NA	Solid	8015B NM	35347
880-19604-16	T-3 (2')	Total/NA	Solid	8015B NM	35347
880-19604-17	T-3 (3')	Total/NA	Solid	8015B NM	35347
880-19604-18	T-3 (4')	Total/NA	Solid	8015B NM	35347
880-19604-19	T-3 (5')	Total/NA	Solid	8015B NM	35347
880-19604-20	T-3 (6')	Total/NA	Solid	8015B NM	35347
MB 880-35347/1-A	Method Blank	Total/NA	Solid	8015B NM	35347
LCS 880-35347/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35347
LCSD 880-35347/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35347
880-19604-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	35347
880-19604-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	35347

Analysis Batch: 35339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-21	T-3 (7')	Total/NA	Solid	8015B NM	35349
880-19604-22	T-4 (0-1')	Total/NA	Solid	8015B NM	35349
880-19604-23	T-4 (1.5')	Total/NA	Solid	8015B NM	35349
880-19604-24	T-4 (2')	Total/NA	Solid	8015B NM	35349
880-19604-25	T-4 (3')	Total/NA	Solid	8015B NM	35349
880-19604-26	T-4 (4')	Total/NA	Solid	8015B NM	35349
880-19604-27	T-5 (0-1')	Total/NA	Solid	8015B NM	35349
880-19604-28	T-5 (1.5')	Total/NA	Solid	8015B NM	35349
880-19604-29	T-5 (2')	Total/NA	Solid	8015B NM	35349
880-19604-30	T-5 (3')	Total/NA	Solid	8015B NM	35349
880-19604-31	T-5 (4')	Total/NA	Solid	8015B NM	35349
880-19604-32	T-5 (5')	Total/NA	Solid	8015B NM	35349
880-19604-33	T-5 (6')	Total/NA	Solid	8015B NM	35349
MB 880-35349/1-A	Method Blank	Total/NA	Solid	8015B NM	35349
LCS 880-35349/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35349
LCSD 880-35349/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35349
880-19604-21 MS	T-3 (7')	Total/NA	Solid	8015B NM	35349
880-19604-21 MSD	T-3 (7')	Total/NA	Solid	8015B NM	35349

Prep Batch: 35347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-19604-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-19604-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-19604-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-19604-5	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-19604-6	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-19604-7	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-19604-8	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-19604-9	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-19604-10	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-19604-11	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-19604-12	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-19604-13	T-2 (8')	Total/NA	Solid	8015NM Prep	
880-19604-14	T-3 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 35347 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-15	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-19604-16	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-19604-17	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-19604-18	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-19604-19	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-19604-20	T-3 (6')	Total/NA	Solid	8015NM Prep	
MB 880-35347/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35347/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35347/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19604-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-19604-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 35349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-21	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-19604-22	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-19604-23	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-19604-24	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-19604-25	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-19604-26	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-19604-27	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-19604-28	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-19604-29	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-19604-30	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-19604-31	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-19604-32	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-19604-33	T-5 (6')	Total/NA	Solid	8015NM Prep	
MB 880-35349/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35349/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35349/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19604-21 MS	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-19604-21 MSD	T-3 (7')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-19604-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-19604-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-19604-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-19604-5	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-19604-6	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-19604-7	T-2 (2')	Total/NA	Solid	8015 NM	
880-19604-8	T-2 (3')	Total/NA	Solid	8015 NM	
880-19604-9	T-2 (4')	Total/NA	Solid	8015 NM	
880-19604-10	T-2 (5')	Total/NA	Solid	8015 NM	
880-19604-11	T-2 (6')	Total/NA	Solid	8015 NM	
880-19604-12	T-2 (7')	Total/NA	Solid	8015 NM	
880-19604-13	T-2 (8')	Total/NA	Solid	8015 NM	
880-19604-14	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-19604-15	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-19604-16	T-3 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 35494 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-17	T-3 (3')	Total/NA	Solid	8015 NM	
880-19604-18	T-3 (4')	Total/NA	Solid	8015 NM	
880-19604-19	T-3 (5')	Total/NA	Solid	8015 NM	
880-19604-20	T-3 (6')	Total/NA	Solid	8015 NM	
880-19604-21	T-3 (7')	Total/NA	Solid	8015 NM	
880-19604-22	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-19604-23	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-19604-24	T-4 (2')	Total/NA	Solid	8015 NM	
880-19604-25	T-4 (3')	Total/NA	Solid	8015 NM	
880-19604-26	T-4 (4')	Total/NA	Solid	8015 NM	
880-19604-27	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-19604-28	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-19604-29	T-5 (2')	Total/NA	Solid	8015 NM	
880-19604-30	T-5 (3')	Total/NA	Solid	8015 NM	
880-19604-31	T-5 (4')	Total/NA	Solid	8015 NM	
880-19604-32	T-5 (5')	Total/NA	Solid	8015 NM	
880-19604-33	T-5 (6')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-19604-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-19604-3	T-1 (2')	Soluble	Solid	DI Leach	
880-19604-4	T-1 (3')	Soluble	Solid	DI Leach	
880-19604-5	T-2 (0-1')	Soluble	Solid	DI Leach	
880-19604-6	T-2 (1.5')	Soluble	Solid	DI Leach	
880-19604-7	T-2 (2')	Soluble	Solid	DI Leach	
880-19604-8	T-2 (3')	Soluble	Solid	DI Leach	
880-19604-9	T-2 (4')	Soluble	Solid	DI Leach	
880-19604-10	T-2 (5')	Soluble	Solid	DI Leach	
880-19604-11	T-2 (6')	Soluble	Solid	DI Leach	
880-19604-12	T-2 (7')	Soluble	Solid	DI Leach	
880-19604-13	T-2 (8')	Soluble	Solid	DI Leach	
880-19604-14	T-3 (0-1')	Soluble	Solid	DI Leach	
880-19604-15	T-3 (1.5')	Soluble	Solid	DI Leach	
880-19604-16	T-3 (2')	Soluble	Solid	DI Leach	
880-19604-17	T-3 (3')	Soluble	Solid	DI Leach	
880-19604-18	T-3 (4')	Soluble	Solid	DI Leach	
880-19604-19	T-3 (5')	Soluble	Solid	DI Leach	
880-19604-20	T-3 (6')	Soluble	Solid	DI Leach	
MB 880-35369/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35369/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35369/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19604-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-19604-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-19604-11 MS	T-2 (6')	Soluble	Solid	DI Leach	
880-19604-11 MSD	T-2 (6')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

HPLC/IC

Leach Batch: 35370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-21	T-3 (7')	Soluble	Solid	DI Leach	
880-19604-22	T-4 (0-1')	Soluble	Solid	DI Leach	
880-19604-23	T-4 (1.5')	Soluble	Solid	DI Leach	
880-19604-24	T-4 (2')	Soluble	Solid	DI Leach	
880-19604-25	T-4 (3')	Soluble	Solid	DI Leach	
880-19604-26	T-4 (4')	Soluble	Solid	DI Leach	
880-19604-27	T-5 (0-1')	Soluble	Solid	DI Leach	
880-19604-28	T-5 (1.5')	Soluble	Solid	DI Leach	
880-19604-29	T-5 (2')	Soluble	Solid	DI Leach	
880-19604-30	T-5 (3')	Soluble	Solid	DI Leach	
880-19604-31	T-5 (4')	Soluble	Solid	DI Leach	
880-19604-32	T-5 (5')	Soluble	Solid	DI Leach	
880-19604-33	T-5 (6')	Soluble	Solid	DI Leach	
MB 880-35370/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35370/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35370/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19604-21 MS	T-3 (7')	Soluble	Solid	DI Leach	
880-19604-21 MSD	T-3 (7')	Soluble	Solid	DI Leach	
880-19604-31 MS	T-5 (4')	Soluble	Solid	DI Leach	
880-19604-31 MSD	T-5 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 35428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-21	T-3 (7')	Soluble	Solid	300.0	35370
880-19604-22	T-4 (0-1')	Soluble	Solid	300.0	35370
880-19604-23	T-4 (1.5')	Soluble	Solid	300.0	35370
880-19604-24	T-4 (2')	Soluble	Solid	300.0	35370
880-19604-25	T-4 (3')	Soluble	Solid	300.0	35370
880-19604-26	T-4 (4')	Soluble	Solid	300.0	35370
880-19604-27	T-5 (0-1')	Soluble	Solid	300.0	35370
880-19604-28	T-5 (1.5')	Soluble	Solid	300.0	35370
880-19604-29	T-5 (2')	Soluble	Solid	300.0	35370
880-19604-30	T-5 (3')	Soluble	Solid	300.0	35370
880-19604-31	T-5 (4')	Soluble	Solid	300.0	35370
880-19604-32	T-5 (5')	Soluble	Solid	300.0	35370
880-19604-33	T-5 (6')	Soluble	Solid	300.0	35370
MB 880-35370/1-A	Method Blank	Soluble	Solid	300.0	35370
LCS 880-35370/2-A	Lab Control Sample	Soluble	Solid	300.0	35370
LCSD 880-35370/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35370
880-19604-21 MS	T-3 (7')	Soluble	Solid	300.0	35370
880-19604-21 MSD	T-3 (7')	Soluble	Solid	300.0	35370
880-19604-31 MS	T-5 (4')	Soluble	Solid	300.0	35370
880-19604-31 MSD	T-5 (4')	Soluble	Solid	300.0	35370

Analysis Batch: 35429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-1	T-1 (0-1')	Soluble	Solid	300.0	35369
880-19604-2	T-1 (1.5')	Soluble	Solid	300.0	35369
880-19604-3	T-1 (2')	Soluble	Solid	300.0	35369
880-19604-4	T-1 (3')	Soluble	Solid	300.0	35369
880-19604-5	T-2 (0-1')	Soluble	Solid	300.0	35369

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 35429 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19604-6	T-2 (1.5')	Soluble	Solid	300.0	35369
880-19604-7	T-2 (2')	Soluble	Solid	300.0	35369
880-19604-8	T-2 (3')	Soluble	Solid	300.0	35369
880-19604-9	T-2 (4')	Soluble	Solid	300.0	35369
880-19604-10	T-2 (5')	Soluble	Solid	300.0	35369
880-19604-11	T-2 (6')	Soluble	Solid	300.0	35369
880-19604-12	T-2 (7')	Soluble	Solid	300.0	35369
880-19604-13	T-2 (8')	Soluble	Solid	300.0	35369
880-19604-14	T-3 (0-1')	Soluble	Solid	300.0	35369
880-19604-15	T-3 (1.5')	Soluble	Solid	300.0	35369
880-19604-16	T-3 (2')	Soluble	Solid	300.0	35369
880-19604-17	T-3 (3')	Soluble	Solid	300.0	35369
880-19604-18	T-3 (4')	Soluble	Solid	300.0	35369
880-19604-19	T-3 (5')	Soluble	Solid	300.0	35369
880-19604-20	T-3 (6')	Soluble	Solid	300.0	35369
MB 880-35369/1-A	Method Blank	Soluble	Solid	300.0	35369
LCS 880-35369/2-A	Lab Control Sample	Soluble	Solid	300.0	35369
LCSD 880-35369/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35369
880-19604-1 MS	T-1 (0-1')	Soluble	Solid	300.0	35369
880-19604-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	35369
880-19604-11 MS	T-2 (6')	Soluble	Solid	300.0	35369
880-19604-11 MSD	T-2 (6')	Soluble	Solid	300.0	35369

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-19604-1

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 11:08	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 06:01	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-19604-2

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 12:13	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		20			35429	09/27/22 06:16	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-19604-3

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 12:34	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		5			35429	09/27/22 06:21	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-19604-4

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-19604-4

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 12:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		1			35429	09/27/22 06:25	CH	EET MID

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

Lab Sample ID: 880-19604-5

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 13:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 06:30	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-19604-6

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 16:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 13:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 06:45	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-19604-7

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 16:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 14:01	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (2')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 06:50	CH	EET MID

Client Sample ID: T-2 (3')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 16:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 14:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 06:55	CH	EET MID

Client Sample ID: T-2 (4')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 14:45	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 06:59	CH	EET MID

Client Sample ID: T-2 (5')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 15:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		10			35429	09/27/22 07:04	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-2 (6')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 17:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 15:49	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		5			35429	09/27/22 07:09	CH	EET MID

Client Sample ID: T-2 (7')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 16:11	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		1			35429	09/27/22 07:24	CH	EET MID

Client Sample ID: T-2 (8')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 16:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		1			35429	09/27/22 07:28	CH	EET MID

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

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35346	09/26/22 08:15	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35345	09/26/22 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
 SDG: Eddy County, New Mexico

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

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-14

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			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 16:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 07:43	CH	EET MID

Client Sample ID: T-3 (1.5')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 04:07	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 17:15	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 07:48	CH	EET MID

Client Sample ID: T-3 (2')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 04:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 17:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 07:53	CH	EET MID

Client Sample ID: T-3 (3')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 04:48	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 17:58	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-3 (3')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-17

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			4.96 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 07:58	CH	EET MID

Client Sample ID: T-3 (4')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-18

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			4.97 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 05:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 18:19	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		50			35429	09/27/22 08:02	CH	EET MID

Client Sample ID: T-3 (5')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-19

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			5.03 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 05:30	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 18:41	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		20			35429	09/27/22 08:07	CH	EET MID

Client Sample ID: T-3 (6')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-20

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			5.01 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 05:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35347	09/26/22 08:22	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35337	09/26/22 19:02	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35369	09/26/22 09:58	KS	EET MID
Soluble	Analysis	300.0		20			35429	09/27/22 08:12	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
 SDG: Eddy County, New Mexico

Client Sample ID: T-3 (7')

Lab Sample ID: 880-19604-21

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 06:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 11:08	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1			35428	09/27/22 03:12	CH	EET MID

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-19604-22

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 06:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 12:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 04:10	CH	EET MID

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-19604-23

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 06:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 12:34	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 03:26	CH	EET MID

Client Sample ID: T-4 (2')

Lab Sample ID: 880-19604-24

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 08:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-4 (2')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-24

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			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 12:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 03:31	CH	EET MID

Client Sample ID: T-4 (3')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 08:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 13:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		10			35428	09/27/22 03:36	CH	EET MID

Client Sample ID: T-4 (4')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-26

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	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 09:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 13:40	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		10			35428	09/27/22 03:41	CH	EET MID

Client Sample ID: T-5 (0-1')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 09:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 14:01	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (0-1')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1			35428	09/27/22 03:55	CH	EET MID

Client Sample ID: T-5 (1.5')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 10:01	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 14:23	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 04:00	CH	EET MID

Client Sample ID: T-5 (2')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-29

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	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 10:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 14:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 04:05	CH	EET MID

Client Sample ID: T-5 (3')

Date Collected: 09/22/22 00:00

Date Received: 09/23/22 16:36

Lab Sample ID: 880-19604-30

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	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 10:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 15:06	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 04:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

Job ID: 880-19604-1
SDG: Eddy County, New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-19604-31

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 11:03	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 15:49	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		50			35428	09/27/22 04:19	CH	EET MID

Client Sample ID: T-5 (5')

Lab Sample ID: 880-19604-32

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 11:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 16:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		5			35428	09/27/22 04:34	CH	EET MID

Client Sample ID: T-5 (6')

Lab Sample ID: 880-19604-33

Date Collected: 09/22/22 00:00

Matrix: Solid

Date Received: 09/23/22 16:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35431	09/26/22 15:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35712	09/30/22 11:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35456	09/26/22 17:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			35494	09/27/22 10:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35349	09/26/22 08:27	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35339	09/26/22 16:32	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35370	09/26/22 10:00	KS	EET MID
Soluble	Analysis	300.0		5			35428	09/27/22 04:39	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

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

Eurofins Midland

Method Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Job ID: 880-19604-1

Project/Site: Graham Cracker 2 State Com 001H (07.09.22)

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19604-1	T-1 (0-1')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-2	T-1 (1.5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-3	T-1 (2')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-4	T-1 (3')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-5	T-2 (0-1')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-6	T-2 (1.5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-7	T-2 (2')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-8	T-2 (3')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-9	T-2 (4')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-10	T-2 (5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-11	T-2 (6')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-12	T-2 (7')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-13	T-2 (8')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-14	T-3 (0-1')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-15	T-3 (1.5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-16	T-3 (2')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-17	T-3 (3')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-18	T-3 (4')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-19	T-3 (5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-20	T-3 (6')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-21	T-3 (7')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-22	T-4 (0-1')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-23	T-4 (1.5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-24	T-4 (2')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-25	T-4 (3')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-26	T-4 (4')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-27	T-5 (0-1')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-28	T-5 (1.5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-29	T-5 (2')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-30	T-5 (3')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-31	T-5 (4')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-32	T-5 (5')	Solid	09/22/22 00:00	09/23/22 16:36
880-19604-33	T-5 (6')	Solid	09/22/22 00:00	09/23/22 16:36

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Work Order No: 19604

Page 1 of 4

Project Manager	Mike Carmona	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) 813-1992	Email	jacqui.harris@conocophillips.com

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

Project Name	Graham Cracker 2 State Com 001H (07 09 22)	Turn Around	☐ Routine ☒ Rush	Due Date	48-Hours	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	ANALYSIS REQUEST										Preservative Codes	
Project Number	1107																			None NO	DI Water H ₂ O
Project Location	Eddy County, New Mexico																			Cool Cool	MeOH Me
Sampler's Name	CCM																			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	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																	NaOH+Ascorbic Acid	SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
T-1 (0-1')	9/22/2022		X		G	1	X	X	X												
T-1 (1-5')	9/22/2022		X		G	1	X	X	X												
T-1 (2')	9/22/2022		X		G	1	X	X	X												
T-1 (3')	9/22/2022		X		G	1	X	X	X												
T-2 (0-1')	9/22/2022		X		G	1	X	X	X												
T-2 (1-5')	9/22/2022		X		G	1	X	X	X												
T-2 (2')	9/22/2022		X		G	1	X	X	X												
T-2 (3')	9/22/2022		X		G	1	X	X	X												
T-2 (4')	9/22/2022		X		G	1	X	X	X												
T-2 (5')	9/22/2022		X		G	1	X	X	X												



880-19604 Chain of Custody

Comments	
Relinquished by (Signature)	Date/Time
	9/23-22 436m
Received by (Signature)	Date/Time

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Work Order No: 10664

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Project Manager	Mike Carmona	Bill to (if different)	Jacqui Harris
Company Name	Carmoma 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) 813-1992	Email	jacqui.harris@conocophillips.com

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

Project Name		Graham Cracker 2 State Com 001H (07 09 22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number		☐ Routine	☒ Rush															None NO	DI Water- H ₂ O			
Project Location	Eddy County, New Mexico			Due Date	48-Hours													Cool Cool	MeOH Me			
Sampler's Name	CCM																	HCL HC	HNO ₃ HN			
PO #																		H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT	Temp Blank	Yes	No	Yes	No	Wet Ice	Yes	No	Parameters													
	Received Intact	Yes	No	Thermometer ID																		
	Cooler Custody Seals	Yes	No	N/A	Correction Factor																	
	Sample Custody Seals	Yes	No	N/A	Temperature Reading																	
	Total Containers				Corrected Temperature																	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0														
T-2 (6')		9/22/2022		X		G	1													X	X	X
T-2 (7')		9/22/2022		X		G	1													X	X	X
T-2 (8')		9/22/2022		X		G	1													X	X	X
T-3 (0-1')		9/22/2022		X		G	1													X	X	X
T-3 (1 5')		9/22/2022		X		G	1													X	X	X
T-3 (2')		9/22/2022		X		G	1													X	X	X
T-3 (3')		9/22/2022		X		G	1	X	X	X												
T-3 (4')		9/22/2022		X		G	1	X	X	X												
T-3 (5')		9/22/2022		X		G	1	X	X	X												
T-3 (6')		9/22/2022		X		G	1	X	X	X												
Sample Comments																						

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9/23/22 4:30pm		

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Work Order No: 19604

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Project Manager	Mike Camrona	Bill to (if different)	Jacqui Harris
Company Name	Camrona 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) 813-1992	Email	jacqui.harris@conocophillips.com

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

Project Name		Graham Cracker 2 State Com 001H (07 09 22)		Turn Around		Pres Code	ANALYSIS REQUEST												Preservative Codes		
Project Number		☐ Routine	☒ Rush															None NO	DI Water- H ₂ O		
Project Location	Eddy County, New Mexico	Due Date	48-Hours															Cool, Cool	MeOH Me		
Sampler's Name	CCM																	HCL HC	HNO ₃ HN		
PO #.																		H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No	Wet/ Ice	Yes	No	Parameters										H ₃ PO ₄ HP		
	Received Intact:	Yes	No	Thermometer ID																	
	Cooler Custody Seals	Yes	No	N/A	Correction Factor																
	Sample Custody Seals	Yes	No	N/A	Temperature Reading																
	Total Containers				Corrected Temperature																
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
T-3 (7')		9/22/2022		X		G	1	X	X	X	X										
T-4 (0-1')		9/22/2022		X		G	1	X	X	X	X										
T-4 (1.5')		9/22/2022		X		G	1	X	X	X	X										
T-4 (2')		9/22/2022		X		G	1	X	X	X	X										
T-4 (3')		9/22/2022		X		G	1	X	X	X	X										
T-4 (4')		9/22/2022		X		G	1	X	X	X	X										
T-5 (0-1')		9/22/2022		X		G	1	X	X	X	X										
T-5 (1.5')		9/22/2022		X		G	1	X	X	X	X										
T-5 (2')		9/22/2022		X		G	1	X	X	X	X										
T-5 (3')		9/22/2022		X		G	1	X	X	X	X										

Comments

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9/23/22 4:36		

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Work Order No: 19604

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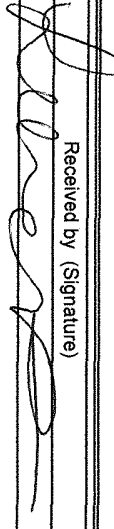
Project Manager:	Mike Cammona	Bill to (if different):	Jacqui Harris
Company Name:	Cammona Resources	Company Name:	COG
Address:	310 W Wall St Ste 415	Address:	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88256
Phone	(432) 813-1992	Email	jacqui.harris@comocophillips.com

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

Project Name	Graham Cracker 2 State Com 001H (07 09 22)	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number		☐ Routine	☒ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy County, New Mexico	Due Date	48-Hours														Cool Cool	MeOH Me		
Sampler's Name	CCM																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	
T-5 (4)	9/22/2022		X		G	1	X	X	X											
T-5 (5)	9/22/2022		X		G	1	X	X	X											
T-5 (6)	9/22/2022		X		G	1	X	X	X											

Loc: 880
19604

Comments.

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9/23/22 4:56pm		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-19604-1

SDG Number: Eddy County, New Mexico

Login Number: 19604

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 150084

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 150084
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Sidewall/Floor confirmation soil samples should represent no more than 200 ft2.	12/12/2022