



SITE INFORMATION

Work Plan
Copperhead Fee 31E CTB (01.14.22)
Eddy County, New Mexico
Unit E Sec 31 T26S R29E
32.001086°, -104.030063°

Produced Water Release
Point of Release: Hole in the flex pipe
Release Date: 01/14/2022
Volume Released: 20.8 barrels of PW
Volume Recovered: 0 barrels

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



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February 11, 2022

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

**Re: Work Plan
Copperhead Fee 31E CTB (01.14.22)
Concho Operating, LLC
Incident ID NAPP2202755160
Site Location: Unit E, S31, T26S, R29E
(Lat 32.001086°, Long -104.030063°)
Eddy County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for Copperhead Fee 31E CTB (01.14.22). The site is located at 32.001086°, -104.030063° within Unit E, S31, T26S, R29E, 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 January 14, 2022, due to a hole in the flex pipe. It resulted in approximately twenty point eight (20.8) barrels of produced water. Zero (0) barrels of produced water were recovered. See figure 3. The initial C-141 form is attached in Appendix A.

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, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 2.57 miles Northwest of the site in S27, T26S, R28E and was drilled in 2017. The well has a reported depth to groundwater of 145' feet below ground surface (ft bgs). A copy of the associated USGS – *National Water Information System* report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

On January 25, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of nineteen (19) sample points were advanced to depths ranging from surface – 3.5' 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 C. See Table 1 for the analytical results.

Referring to Table 1, the areas of (S1 through S-9) showed TPH, benzene, and total BTEX below the reporting limits. Horizontal samples were taken (H-1 through H-10) and showed TPH, benzene, total BTEX, and chloride below the reporting limits. The area of S-1 showed a high chloride concentration of 3,650 mg/kg at surface to 1.0' bgs, then declined with depth. The areas of S-2 through S-9 showed chloride concentrations ranging from 59.2 mg/kg to 12,700 mg/kg.

Trenches

On February 1, 2022, Carmona Resources personnel were on site to vertically define the release. A total of eight (8) trenches (T-1 through T-8) were installed to total depths ranging from surface to 7 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix A.

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

5.0 Work Plan Proposal

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

- The areas of S-1, S-3 (Trench-3), S-7 (Trench-6), and S-9 (Trench-8) will be excavated to a depth of 1.5' - 2.0' below the surface and backfilled with clean material to surface grade.
- The areas of S-2 (Trench-1) and S-6 (Trench-5) will be excavated to a depth of 5.5' - 6.0' below the surface and backfilled with clean material to surface grade.
- The areas of S-4 (Trench-3) and S-5 (Trench-4) will be excavated to a depth of 6.5' below the surface and backfilled with clean material to surface grade.



- The area of S-8 (Trench-7) will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom hole, and sidewall samples will be collected every 400 square feet to represent the release area.
- The samples collected will be analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B. Chloride by EPA method 300.0.
- A total of 2,915 cubic yards is estimated to be removed and hauled to the closest disposal facility.
- The remediation will be implemented 90 days after the work plan is approved. Once the site activities and remediation are complete, the areas will be backfilled with clean material to surface grade.

6.0 Safety Concerns

Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to the safety concerns for the onsite personnel. COG recognizes that offsite impacts can't be deferred to meet the 19.15.29.1(C)(2) NMAC criteria. However, COG will excavate the impacted soils to the maximum extent possible.

7.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

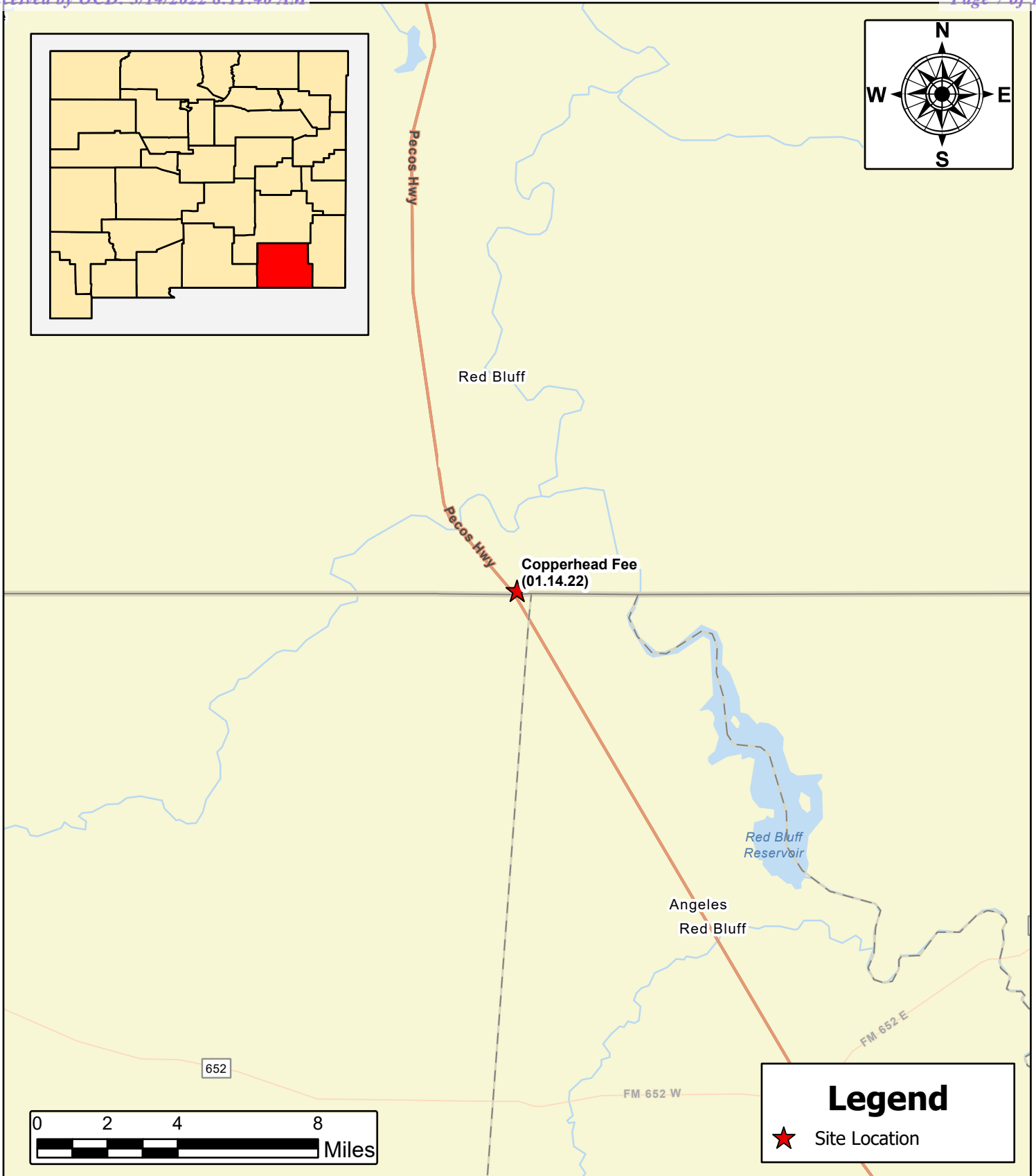
Mike Carmona
Environmental Manager

Conner Moehring
Environmental Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
COG OPERATING
 COPPERHEAD FEE (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.001086, -104.030063

SCALE: As Shown

Date: 2/10/2022



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

NOTES:

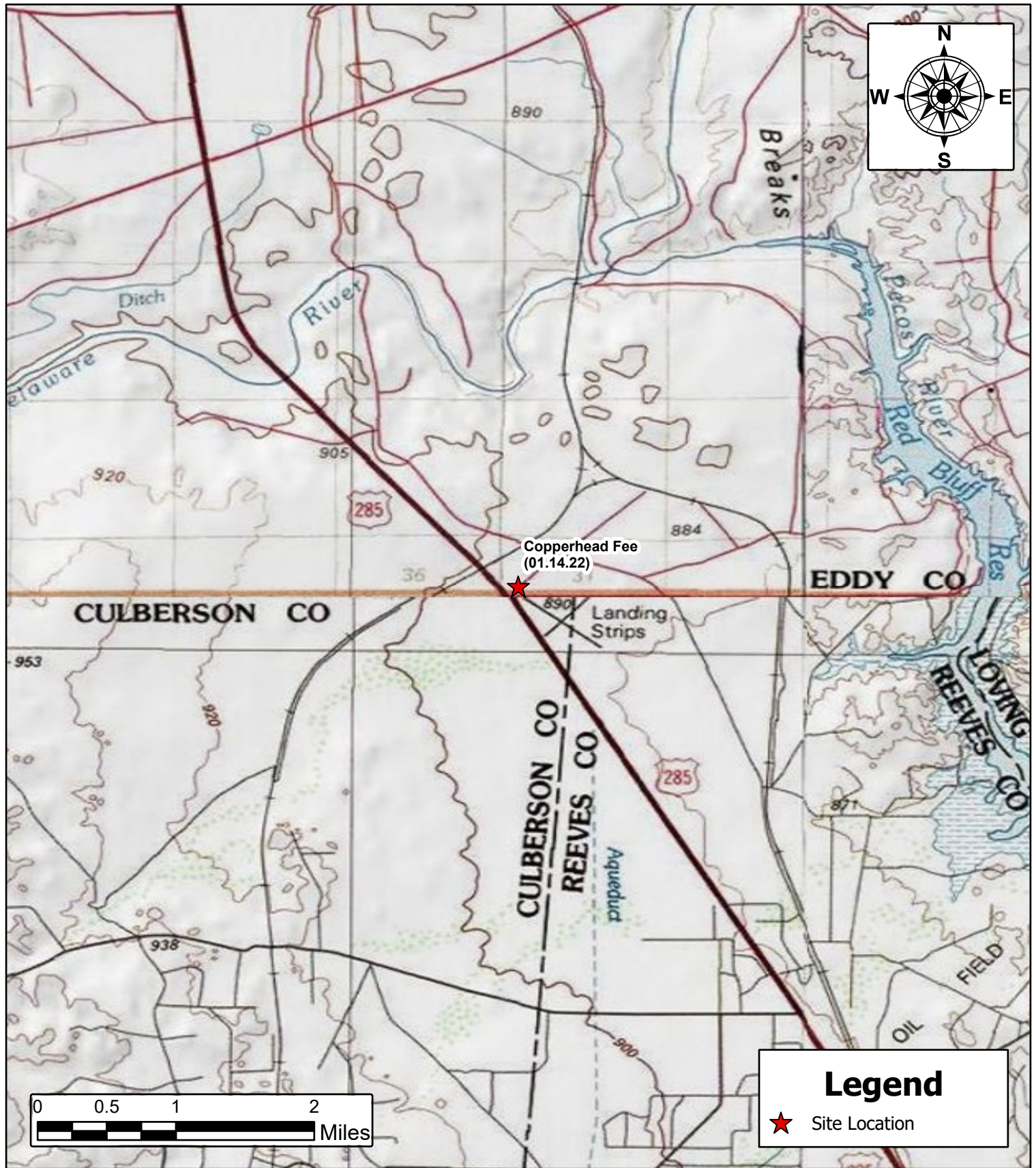
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



TOPO MAP
COG OPERATING
COPPERHEAD FEE (01.14.22)
EDDY COUNTY, NEW MEXICO
32.001086, -104.030063

SCALE: As Shown

Date: 2/10/2022



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NOTES:

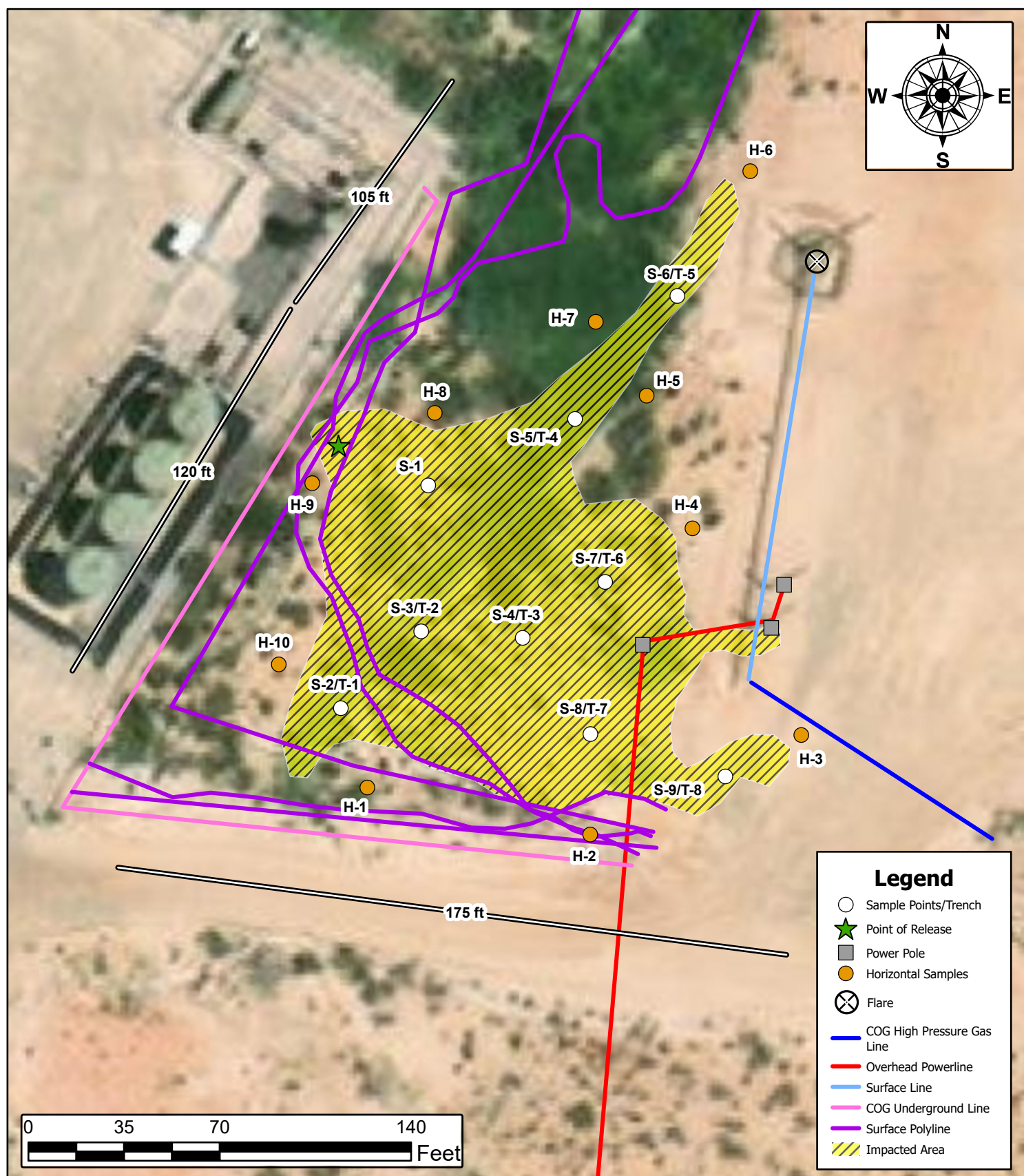
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



SAMPLE LOCATION MAP
COG OPERATING
 COPPERHEAD FEE (01.14.22)
 EDDY COUNTY, NEW MEXICO
 32.001086, -104.030063

SCALE: As Shown

Date: 2/10/2022



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NOTES:

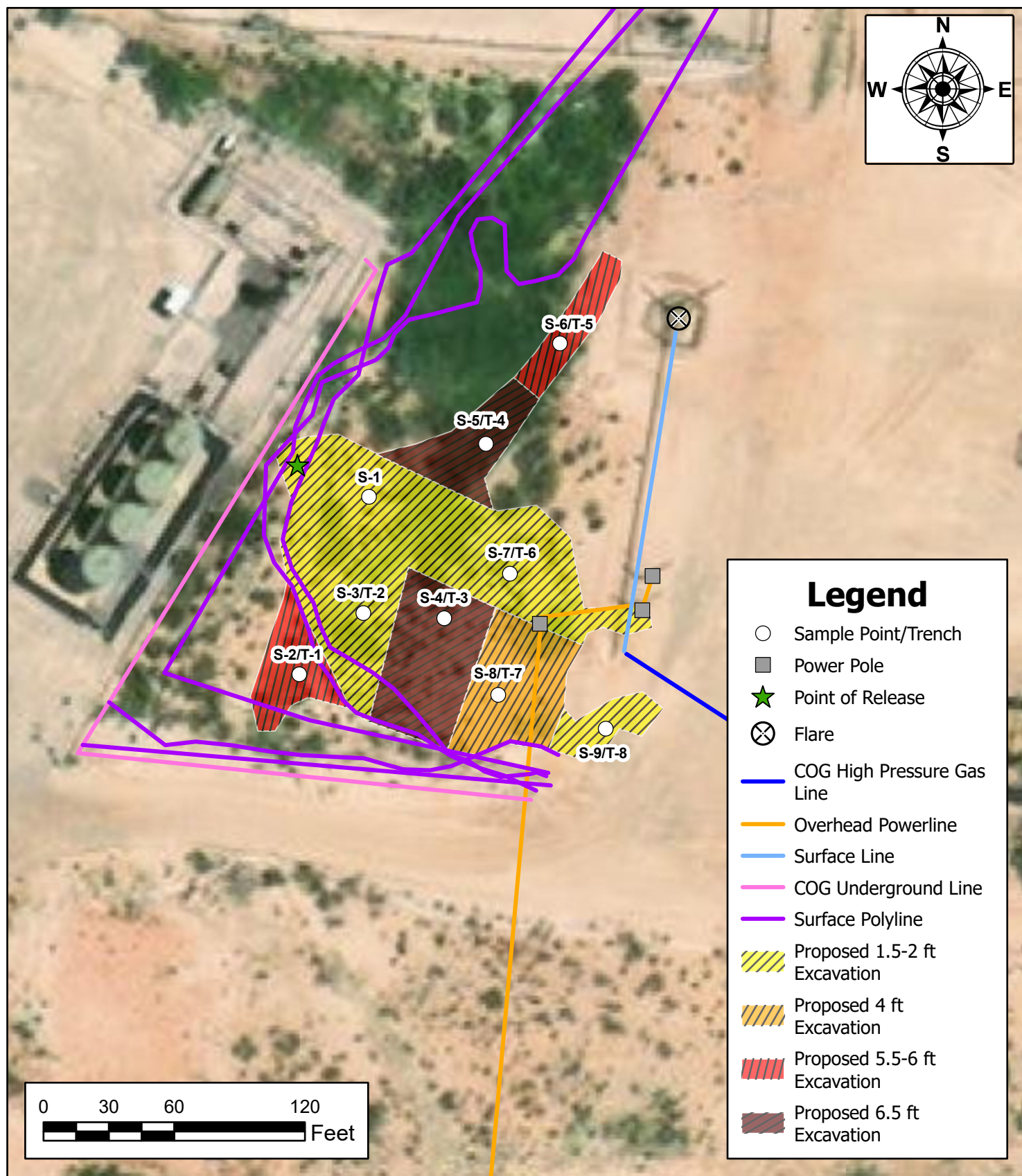
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



**PROPOSED EXCAVATION DEPTH MAP
COG OPERATING**

COPPERHEAD FEE (01.14.22)
EDDY COUNTY, NEW MEXICO
32.001086, -104.030063

SCALE: As Shown

Date: 2/10/2022



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Copperhead Fee (01.4.22)
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-1	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,650
	"	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	155
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	149
	"	3-3.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	334
S-2	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00398	<0.00399	11,400
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00369	<0.00199	<0.00398	<0.00398	12,700
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,300
T-1	2/1/2022	0-1	71.2	447	<49.9	518	<0.00200	<0.00200	0.00313	0.00415	0.00728	35,100
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00401	10,900
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,150
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,560
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	741
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	809
S-3	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,090
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,050
T-2	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13,000
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,510
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	194
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	11.7
S-4	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.99081	0.00919	5,910
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,180
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,720
T-3	2/1/2022	0-1	<50.0	118	<50.0	118	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16,000
	"	1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,970
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,620
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,500
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,300
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,380
	"	6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,010
S-5	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.0118	0.0118	5,450
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00315	<0.00199	0.0251	0.0283	8,800
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7,930
T-4	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	22,600
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,070
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,490
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,690
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,140
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,180
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,270
T-4	"	7	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	43.6

Table 1
COG
Copperhead Fee (01.4.22)
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-6	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	8,440
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	0.0025	<0.00198	<0.00397	<0.00397	9,230
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00275	<0.00200	<0.00401	<0.00401	7,790
T-5	2/1/2022	0-1	52.9	<50.0	<50.0	52.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	25,000
	"	1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,480
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,680
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,640
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,320
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,920
S-7	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,220
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00404	<0.00404	2,070
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	59.2
T-6	2/1/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,340
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	756
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.7
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.7
S-8	1/25/2022	0-1	<49.9	58.9	<49.9	58.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,410
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,200
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,240
	"	3-3.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	961
T-7	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20,000
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,880
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	695
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
T-8	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.80
S-9	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9,250
T-8	2/1/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24,400
	"	1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,060
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	104
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.5
H-1	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	324
H-2	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	234
H-3	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	251
H-4	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	248
H-5	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	243
H-6	1/25/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	307
H-7	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	381
H-8	1/25/2022	0-1	<49.9	<49.9	<49.9	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	289
H-9	1/25/2022	0-1	<49.9	<49.9	<49.9	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116
H-10	1/25/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	124
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(S) Sample Point

(H) Horizontal

(T) Trench

 Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of the Point of Release.



Photograph No. 2

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View Southeast, area of Sample Point (1).



Photograph No. 3

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View Northwest, Area of Sample Point (2) & Trench (1).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (3), and Trench (2).



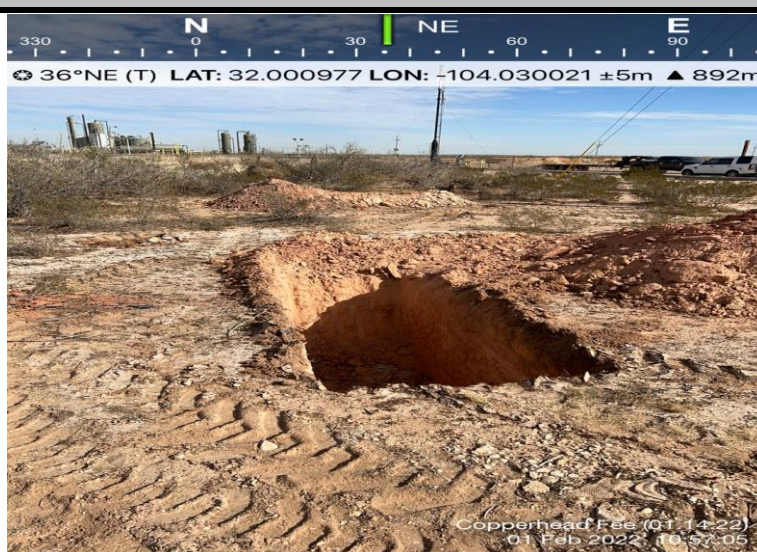
Photograph No. 5

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (4), and Trench (3).



Photograph No. 6

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (5), and Trench (4).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 7

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View Southwest, area of Sample Point (6), and Trench (5).



Photograph No. 8

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View South, area of Sample Point (7), and Trench (6).



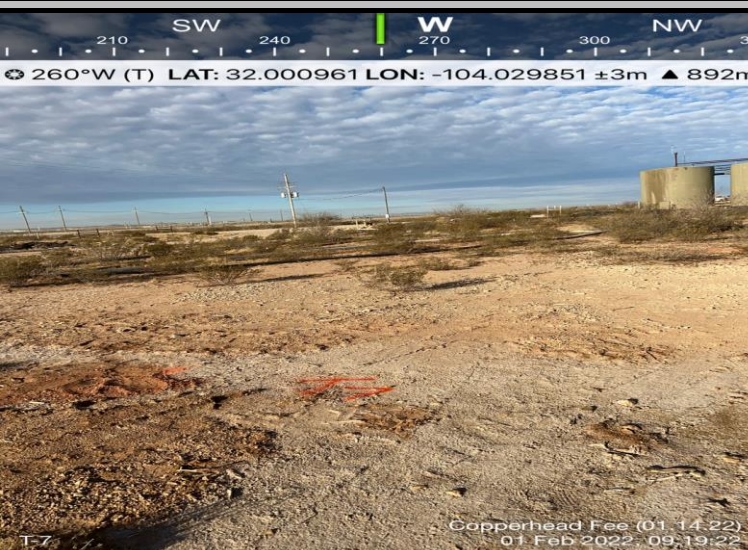
Photograph No. 9

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View West, area of Sample Point (8), and Trench (7).



PHOTOGRAPHIC LOG

Concho Operating, LLC

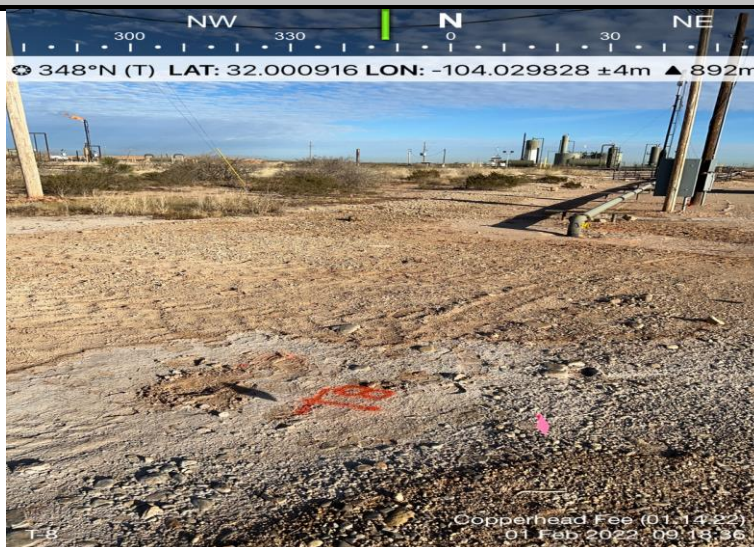
Photograph No. 7

Facility: Copperhead Fee (01.14.22)

County: Eddy County, New Mexico

Description:

View North, area of Sample Point (9), and Trench (8).



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>Battani Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Received by OCD: 3/14/2022 8:11:40 AM

Facility Name & Number: Copperhead Fee 31E

Page 22 of 191

Asset Area: DBWN

Release Discovery Date & Time: 1/14/2022

Release Type: Produced Water

Provide any known details about the event: Hole in Flex Pipe

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	17.0	36.0	4.00	13.63%	36.312	4.949
Rectangle B	29.0	49.0	4.00	13.63%	84.313	11.492
Rectangle C	12.0	30.0	6.00	13.63%	32.040	4.367
Rectangle D					0.000	0.000
Rectangle E					0.000	0.000
Rectangle F					0.000	0.000
Rectangle G					0.000	0.000
Rectangle H					0.000	0.000
Rectangle I					0.000	0.000
Rectangle J					0.000	0.000
Total Volume Release:						20.808

Released to Imaging: 3/22/2022 2:52:02 PM

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jaqueline Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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: Jacqueline Hovio Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Jennifer Nobui Date: _____

APPENDIX D

CARMONA RESOURCES



Nearest water well

Copperhead Fee (01.14.22)

Legend

- 0.50 Mile Radius
- NMSEO Water Well
- 2.57 Miles
- 3.12 Miles
- 3.63 Miles
- Copperhead Fee (01.14.22)
- USGS Water Well



Medium Karst

Copperhead Fee (01.14.22)

Legend

- Copperhead Fee (01.14.22)
- HIGH
- MEDIUM

Copperhead Fee (01.14.22)



4000 ft



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	Depth Well	Depth Water	Water Column
C 01354 X-3	CUB	ED	2	1	3	23	26S	29E	598323	3543837		170		
C 02038	C	ED	3	2	4	26	26S	29E	599204	3541992*		200		
C 03507 POD1	C	ED	1	3	3	05	26S	29E	593064	3548313		140	78	62
C 03508 POD1	C	ED	1	3	3	05	26S	29E	593063	3548361		140	75	65
C 03605 POD1	CUB	ED	4	2	3	27	26S	29E	596990	3541983		45	0	45
C 04561 POD1	CUB	ED	4	3	3	24	26S	29E	599924	3543208				

Average Depth to Water: **51 feet**

Minimum Depth: **0 feet**

Maximum Depth: **78 feet**

Record Count: 6

PLSS Search:

Township: 26S

Range: 29E

*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.

1/24/22 2:42 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Released to Imaging: 3/22/2022 2:52:02 PM



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 04022 POD2	2	2	2	27	26S	28E	588106	3543082 
Driller License: 1184		Driller Company:				WEST TEXAS WATER WELL SERVICE			
Driller Name: KEITH, RONNY									
Drill Start Date: 05/08/2017		Drill Finish Date:				05/12/2017		Plug Date:	
Log File Date: 06/05/2017		PCW Rcv Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield: 60 GPM	
Casing Size: 12.25		Depth Well:				250 feet		Depth Water: 145 feet	
Water Bearing Stratifications:					Top	Bottom	Description		
					150	160	Sandstone/Gravel/Conglomerate		
					160	180	Sandstone/Gravel/Conglomerate		
					180	190	Sandstone/Gravel/Conglomerate		
Casing Perforations:					Top	Bottom			
					130	250			

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9/28/21 10:21 AM

POINT OF DIVERSION SUMMARY



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320145104041701

Minimum number of levels = 1

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

USGS 320145104041701 26S.28E.22.234431

Eddy County, New Mexico

Latitude 32°01'45", Longitude 104°04'17" NAD27

Land-surface elevation 2,980 feet above NGVD29

The depth of the well is 23.00 feet below land surface.

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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 measur
1987-12-12			D 62610		2958.98	NGVD29	1		S	
1987-12-12			D 62611		2960.55	NAVD88	1		S	
1987-12-12			D 72019	21.02			1		S	
1998-01-22			D 62610		2957.65	NGVD29	1		S	
1998-01-22			D 62611		2959.22	NAVD88	1		S	
1998-01-22			D 72019	22.35			1		S	

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

9/21/21, 8:12 PM

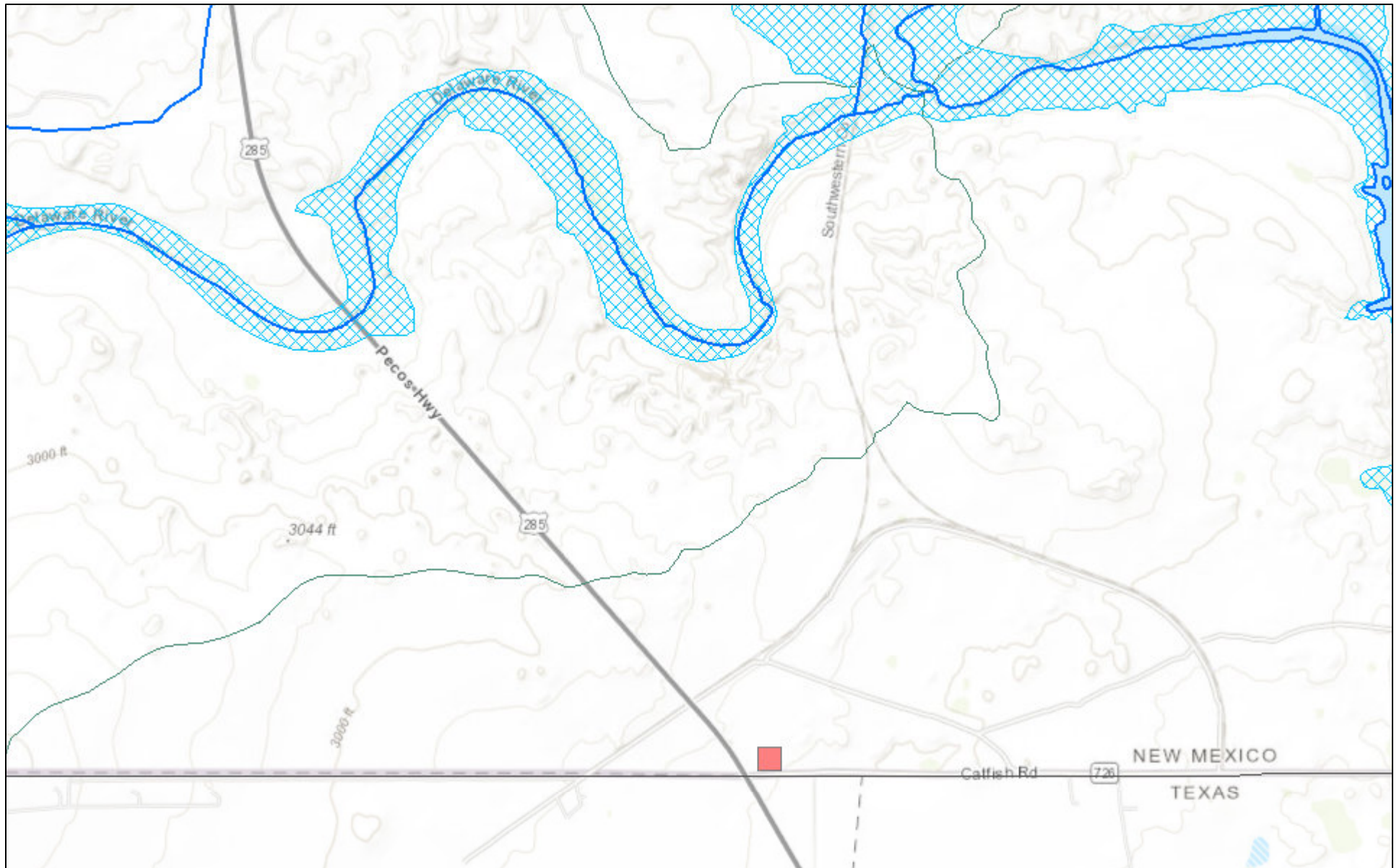
Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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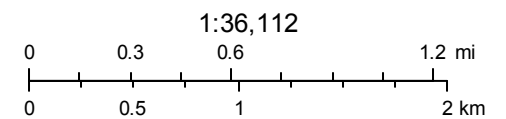
Page Last Modified: 2021-09-21 21:11:49 EDT

0.28 0.24 nadww01

New Mexico NFHL Data



January 24, 2022



FEMA
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

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- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
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Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320126103562801

Minimum number of levels = 1

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

USGS 320126103562801 26S.29E.22.340

Eddy County, New Mexico

Latitude 32°01'22", Longitude 103°58'26" NAD27

Land-surface elevation 2,888 feet above NGVD29

The depth of the well is 80 feet below land surface.

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1958-08-18			D 62610		2819.26	NGVD29	1		Z	
1958-08-18			D 62611		2820.78	NAVD88	1		Z	
1958-08-18			D 72019	68.74			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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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2021-09-21 21:14:35 EDT
0.27 0.23 nadww01

APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10593-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Copperhead Fee (01.14.22)

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:
2/1/2022 11:52:58 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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results through
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www.eurofinsus.com/Env

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

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

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Laboratory Job ID: 880-10593-1
SDG: Eddy Co,NM

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11

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14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
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, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Job ID: 880-10593-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-10593-1**

Receipt

The samples were received on 1/26/2022 8:16 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 2.7°C

Receipt Exceptions

Client called 01/26/22 changed TAT to a 3 DAY RUSH

S-1 (0-1') (880-10593-1), S-1 (1-1.5') (880-10593-2), S-1 (2-2.5') (880-10593-3), S-1 (3-3.5') (880-10593-4), S-2 (0-1') (880-10593-5), S-2 (1-1.5') (880-10593-6), S-2 (2-2.5') (880-10593-7), S-3 (0-1') (880-10593-8), S-3 (1-1.5') (880-10593-9), S-4 (0-1') (880-10593-10), S-4 (1-1.5') (880-10593-11), S-4 (2-2.5') (880-10593-12), S-5 (0-1') (880-10593-13), S-5 (1-1.5') (880-10593-14), S-5 (2-2.5') (880-10593-15), S-6 (0-1') (880-10593-16), S-6 (1-1.5') (880-10593-17), S-6 (2-2.5') (880-10593-18), S-7 (0-1') (880-10593-19), S-7 (1-1.5') (880-10593-20), S-7 (2-2.5') (880-10593-21), S-8 (0-1') (880-10593-22), S-8 (1-1.5') (880-10593-23), S-8 (2-2.5') (880-10593-24), S-8 (3-3.5') (880-10593-25) and S-9 (0-1') (880-10593-26)

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-17752 and analytical batch 880-17754 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 for the following sample was outside control limits: S-3 (0-1') (880-10593-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-17753 and analytical batch 880-17747 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 for the following samples were outside control limits: (880-10594-A-1-A MS) and (880-10594-A-1-B MSD). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-17749/2-A), (LCSD 880-17749/3-A) and (890-1863-A-1-E MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-17819/2-A) and (MB 880-17819/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-17947/3-A), (880-10593-A-21-D MS) and (880-10593-A-21-E MSD). Evidence of matrix interferences is not obvious.

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: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10593-1

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:56	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:56	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/26/22 08:31	01/26/22 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/26/22 08:31	01/26/22 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/26/22 08:31	01/26/22 12:56	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/26/22 08:31	01/26/22 12:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/27/22 21:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/27/22 21:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/27/22 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	01/26/22 15:10	01/27/22 21:37	1
o-Terphenyl	86		70 - 130	01/26/22 15:10	01/27/22 21:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3650		49.6		mg/Kg			01/27/22 18:46	10

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-10593-2

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 13:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/26/22 08:31	01/26/22 13:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 13:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/26/22 08:31	01/26/22 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/26/22 08:31	01/26/22 13:23	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/26/22 08:31	01/26/22 13:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-10593-2

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/27/22 22:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/27/22 22:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/27/22 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/26/22 15:10	01/27/22 22:37	1
o-Terphenyl	82		70 - 130				01/26/22 15:10	01/27/22 22:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.01		mg/Kg			01/28/22 17:14	1

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-10593-3

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 13:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 13:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 13:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 13:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 13:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/26/22 08:31	01/26/22 13:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/26/22 08:31	01/26/22 13:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/27/22 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/27/22 22:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-10593-3

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 15:10	01/27/22 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				01/26/22 15:10	01/27/22 22:57	1
o-Terphenyl	88		70 - 130				01/26/22 15:10	01/27/22 22:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		4.99		mg/Kg			01/28/22 17:26	1

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-10593-4

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 14:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 14:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 14:19	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/26/22 08:31	01/26/22 14:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 14:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/26/22 08:31	01/26/22 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				01/26/22 08:31	01/26/22 14:19	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/26/22 08:31	01/26/22 14:19	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/27/22 23:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/27/22 23:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/27/22 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/26/22 15:10	01/27/22 23:17	1
o-Terphenyl	86		70 - 130				01/26/22 15:10	01/27/22 23:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	334	F1	4.98		mg/Kg			01/28/22 17:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10593-5

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 14:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 14:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 14:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/26/22 08:31	01/26/22 14:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 14:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/26/22 08:31	01/26/22 14:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/26/22 08:31	01/26/22 14:48	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/26/22 08:31	01/26/22 14:48	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/27/22 23:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/27/22 23:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/27/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/26/22 15:10	01/27/22 23:37	1
o-Terphenyl	96		70 - 130	01/26/22 15:10	01/27/22 23:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11400		100		mg/Kg			01/27/22 19:57	20

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-10593-6

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 15:15	1
Toluene	0.00369		0.00199		mg/Kg		01/26/22 08:31	01/26/22 15:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 15:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 15:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 15:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	01/26/22 08:31	01/26/22 15:15	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/26/22 08:31	01/26/22 15:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-10593-6

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/27/22 23:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/27/22 23:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/27/22 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/26/22 15:10	01/27/22 23:56	1
o-Terphenyl	94		70 - 130				01/26/22 15:10	01/27/22 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12700		99.0		mg/Kg			01/27/22 20:09	20

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-10593-7

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 15:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 15:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 15:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 15:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 15:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				01/26/22 08:31	01/26/22 15:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/26/22 08:31	01/26/22 15:43	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 00:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 00:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-10593-7

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 15:10	01/28/22 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/26/22 15:10	01/28/22 00:17	1
o-Terphenyl	94		70 - 130				01/26/22 15:10	01/28/22 00:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12300		101		mg/Kg			01/27/22 20:45	20

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

Lab Sample ID: 880-10593-8

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 16:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 16:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 16:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/26/22 08:31	01/26/22 16:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 16:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/26/22 08:31	01/26/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130				01/26/22 08:31	01/26/22 16:11	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/26/22 08:31	01/26/22 16:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 00:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 00:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/26/22 15:10	01/28/22 00:37	1
o-Terphenyl	91		70 - 130				01/26/22 15:10	01/28/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5090		99.4		mg/Kg			01/27/22 20:57	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-10593-9

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 16:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 16:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 16:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 16:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 16:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/26/22 08:31	01/26/22 16:39	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/26/22 08:31	01/26/22 16:39	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	01/26/22 15:10	01/28/22 00:58	1
o-Terphenyl	91		70 - 130	01/26/22 15:10	01/28/22 00:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		49.5		mg/Kg			01/27/22 21:09	10

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

Lab Sample ID: 880-10593-10

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 17:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 17:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 17:07	1
m-Xylene & p-Xylene	0.00720		0.00397		mg/Kg		01/26/22 08:31	01/26/22 17:07	1
o-Xylene	0.00199		0.00198		mg/Kg		01/26/22 08:31	01/26/22 17:07	1
Xylenes, Total	0.00919		0.00397		mg/Kg		01/26/22 08:31	01/26/22 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/26/22 08:31	01/26/22 17:07	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/26/22 08:31	01/26/22 17:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10593-10

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00919		0.00397		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 01:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 01:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/26/22 15:10	01/28/22 01:19	1
o-Terphenyl	93		70 - 130				01/26/22 15:10	01/28/22 01:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5910		49.8		mg/Kg			01/27/22 21:21	10

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-10593-11

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 18:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 18:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 18:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 18:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 18:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	207	S1+	70 - 130				01/26/22 08:31	01/26/22 18:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/26/22 08:31	01/26/22 18:58	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 02:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 02:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-10593-11

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 15:10	01/28/22 02:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				01/26/22 15:10	01/28/22 02:00	1
o-Terphenyl	79		70 - 130				01/26/22 15:10	01/28/22 02:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5180		50.0		mg/Kg			01/27/22 21:32	10

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-10593-12

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 19:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 19:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 19:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 19:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 19:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:31	01/26/22 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/26/22 08:31	01/26/22 19:25	1
1,4-Difluorobenzene (Surr)	91		70 - 130				01/26/22 08:31	01/26/22 19:25	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/26/22 15:10	01/28/22 02:21	1
o-Terphenyl	83		70 - 130				01/26/22 15:10	01/28/22 02:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4720		99.2		mg/Kg			01/27/22 21:44	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10593-13

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 19:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 19:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 19:53	1
m-Xylene & p-Xylene	0.00956		0.00399		mg/Kg		01/26/22 08:31	01/26/22 19:53	1
o-Xylene	0.00222		0.00200		mg/Kg		01/26/22 08:31	01/26/22 19:53	1
Xylenes, Total	0.0118		0.00399		mg/Kg		01/26/22 08:31	01/26/22 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/26/22 08:31	01/26/22 19:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/26/22 08:31	01/26/22 19:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0118		0.00399		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 02:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 02:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 02:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				01/26/22 15:10	01/28/22 02:41	1
o-Terphenyl	93		70 - 130				01/26/22 15:10	01/28/22 02:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5450		49.7		mg/Kg			01/27/22 21:56	10

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-10593-14

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 20:21	1
Toluene	0.00315		0.00199		mg/Kg		01/26/22 08:31	01/26/22 20:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:31	01/26/22 20:21	1
m-Xylene & p-Xylene	0.0211		0.00398		mg/Kg		01/26/22 08:31	01/26/22 20:21	1
o-Xylene	0.00400		0.00199		mg/Kg		01/26/22 08:31	01/26/22 20:21	1
Xylenes, Total	0.0251		0.00398		mg/Kg		01/26/22 08:31	01/26/22 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/26/22 08:31	01/26/22 20:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/26/22 08:31	01/26/22 20:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-10593-14

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0283		0.00398		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 03:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 03:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/26/22 15:10	01/28/22 03:02	1
o-Terphenyl	90		70 - 130				01/26/22 15:10	01/28/22 03:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8800		49.5		mg/Kg			02/01/22 11:22	10

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-10593-15

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 20:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/26/22 08:31	01/26/22 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 20:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/26/22 08:31	01/26/22 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				01/26/22 08:31	01/26/22 20:49	1
1,4-Difluorobenzene (Surr)	112		70 - 130				01/26/22 08:31	01/26/22 20:49	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 03:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 03:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-10593-15

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 15:10	01/28/22 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				01/26/22 15:10	01/28/22 03:22	1
o-Terphenyl	91		70 - 130				01/26/22 15:10	01/28/22 03:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7930		100		mg/Kg			01/30/22 13:26	20

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

Lab Sample ID: 880-10593-16

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 21:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:31	01/26/22 21:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:31	01/26/22 21:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/22 08:31	01/26/22 21:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:31	01/26/22 21:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/22 08:31	01/26/22 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/26/22 08:31	01/26/22 21:17	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/26/22 08:31	01/26/22 21:17	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 03:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 03:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/26/22 15:10	01/28/22 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/26/22 15:10	01/28/22 03:42	1
o-Terphenyl	91		70 - 130				01/26/22 15:10	01/28/22 03:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8440		49.6		mg/Kg			01/30/22 13:34	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-10593-17

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 21:45	1
Toluene	0.00250		0.00198		mg/Kg		01/26/22 08:31	01/26/22 21:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 21:45	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/26/22 08:31	01/26/22 21:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/26/22 08:31	01/26/22 21:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/26/22 08:31	01/26/22 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/26/22 08:31	01/26/22 21:45	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/26/22 08:31	01/26/22 21:45	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 04:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 04:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/26/22 15:10	01/28/22 04:03	1
o-Terphenyl	89		70 - 130	01/26/22 15:10	01/28/22 04:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9230		50.5		mg/Kg			01/30/22 13:41	10

Client Sample ID: S-6 (2-2.5')

Lab Sample ID: 880-10593-18

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 22:13	1
Toluene	0.00275		0.00200		mg/Kg		01/26/22 08:31	01/26/22 22:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 22:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/26/22 08:31	01/26/22 22:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 22:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/26/22 08:31	01/26/22 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/26/22 08:31	01/26/22 22:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/26/22 08:31	01/26/22 22:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-6 (2-2.5')

Lab Sample ID: 880-10593-18

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 04:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 04:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/26/22 15:10	01/28/22 04:22	1
o-Terphenyl	89		70 - 130				01/26/22 15:10	01/28/22 04:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7790		49.9		mg/Kg			01/30/22 14:04	10

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-10593-19

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:31	01/26/22 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:31	01/26/22 22:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/22 08:31	01/26/22 22:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:31	01/26/22 22:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/22 08:31	01/26/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				01/26/22 08:31	01/26/22 22:41	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/26/22 08:31	01/26/22 22:41	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 04:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 04:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-10593-19

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 15:10	01/28/22 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/26/22 15:10	01/28/22 04:42	1
o-Terphenyl	105		70 - 130				01/26/22 15:10	01/28/22 04:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3220		49.8		mg/Kg			01/30/22 14:11	10

Client Sample ID: S-7 (1-1,5')

Lab Sample ID: 880-10593-20

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:31	01/26/22 23:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/26/22 08:31	01/26/22 23:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/26/22 08:31	01/26/22 23:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/26/22 08:31	01/26/22 23:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/26/22 08:31	01/26/22 23:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/26/22 08:31	01/26/22 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130				01/26/22 08:31	01/26/22 23:09	1
1,4-Difluorobenzene (Surr)	73		70 - 130				01/26/22 08:31	01/26/22 23:09	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			01/26/22 17:00	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			01/28/22 09:04	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		01/26/22 15:10	01/28/22 05:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 05:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/28/22 05:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/26/22 15:10	01/28/22 05:01	1
o-Terphenyl	92		70 - 130				01/26/22 15:10	01/28/22 05:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2070		49.5		mg/Kg			01/30/22 14:34	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-7 (2-2.5')

Lab Sample ID: 880-10593-21

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:34	01/27/22 04:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 04:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 04:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/26/22 08:34	01/27/22 04:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 04:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/26/22 08:34	01/27/22 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/26/22 08:34	01/27/22 04:45	1
1,4-Difluorobenzene (Surr)	80		70 - 130	01/26/22 08:34	01/27/22 04:45	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			01/31/22 13:41	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			01/31/22 13:01	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		01/27/22 15:00	01/27/22 21:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/27/22 15:00	01/27/22 21:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/27/22 15:00	01/27/22 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	01/27/22 15:00	01/27/22 21:37	1
o-Terphenyl	100		70 - 130	01/27/22 15:00	01/27/22 21:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		4.97		mg/Kg			01/31/22 19:29	1

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-10593-22

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:34	01/27/22 05:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:34	01/27/22 05:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:34	01/27/22 05:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/26/22 08:34	01/27/22 05:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/26/22 08:34	01/27/22 05:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/26/22 08:34	01/27/22 05:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/26/22 08:34	01/27/22 05:06	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/26/22 08:34	01/27/22 05:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-10593-22

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			01/31/22 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.9		49.9		mg/Kg			01/31/22 13:01	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		01/27/22 15:00	01/27/22 22:37	1
Diesel Range Organics (Over C10-C28)	58.9		49.9		mg/Kg		01/27/22 15:00	01/27/22 22:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/27/22 15:00	01/27/22 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/27/22 15:00	01/27/22 22:37	1
o-Terphenyl	96		70 - 130				01/27/22 15:00	01/27/22 22:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		49.5		mg/Kg			01/30/22 14:49	10

Client Sample ID: S-8 (1-1.5')

Lab Sample ID: 880-10593-23

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:34	01/27/22 05:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:34	01/27/22 05:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:34	01/27/22 05:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:34	01/27/22 05:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:34	01/27/22 05:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:34	01/27/22 05:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/26/22 08:34	01/27/22 05:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130				01/26/22 08:34	01/27/22 05:26	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			01/31/22 13:41	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			01/31/22 13:01	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		01/27/22 15:00	01/27/22 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/27/22 15:00	01/27/22 22:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-8 (1-1.5')

Lab Sample ID: 880-10593-23

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/27/22 15:00	01/27/22 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/27/22 15:00	01/27/22 22:57	1
o-Terphenyl	94		70 - 130				01/27/22 15:00	01/27/22 22:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49.5		mg/Kg			01/30/22 14:57	10

Client Sample ID: S-8 (2-2.5')

Lab Sample ID: 880-10593-24

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:34	01/27/22 05:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 05:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 05:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/22 08:34	01/27/22 05:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 05:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/22 08:34	01/27/22 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/26/22 08:34	01/27/22 05:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/26/22 08:34	01/27/22 05:46	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			01/31/22 13:41	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			01/31/22 13:01	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		01/26/22 08:19	01/26/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				01/26/22 08:19	01/26/22 20:11	1
o-Terphenyl	96		70 - 130				01/26/22 08:19	01/26/22 20:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240		50.4		mg/Kg			01/30/22 15:05	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-8 (3-3.5')

Lab Sample ID: 880-10593-25

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:34	01/27/22 06:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 06:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 06:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/22 08:34	01/27/22 06:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/27/22 06:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/22 08:34	01/27/22 06:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/26/22 08:34	01/27/22 06:07	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/26/22 08:34	01/27/22 06:07	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			01/31/22 13:41	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			01/31/22 13:01	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		01/26/22 08:19	01/26/22 20:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 20:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	01/26/22 08:19	01/26/22 20:33	1
o-Terphenyl	95		70 - 130	01/26/22 08:19	01/26/22 20:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	961		49.9		mg/Kg			01/30/22 15:12	10

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-10593-26

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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		01/26/22 08:34	01/27/22 06:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:34	01/27/22 06:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:34	01/27/22 06:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/26/22 08:34	01/27/22 06:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/26/22 08:34	01/27/22 06:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/26/22 08:34	01/27/22 06:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/26/22 08:34	01/27/22 06:27	1
1,4-Difluorobenzene (Surr)	96		70 - 130	01/26/22 08:34	01/27/22 06:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-10593-26

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			01/31/22 13:41	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			01/31/22 13:01	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		01/26/22 08:19	01/26/22 20:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 20:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 20:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				01/26/22 08:19	01/26/22 20:56	1
o-Terphenyl	77		70 - 130				01/26/22 08:19	01/26/22 20:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9250		99.0		mg/Kg			01/30/22 15:20	20

Surrogate Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-10593-1	S-1 (0-1')	120	90
880-10593-1 MS	S-1 (0-1')	101	105
880-10593-1 MSD	S-1 (0-1')	97	97
880-10593-2	S-1 (1-1.5')	94	89
880-10593-3	S-1 (2-2.5')	101	99
880-10593-4	S-1 (3-3.5')	125	109
880-10593-5	S-2 (0-1')	116	78
880-10593-6	S-2 (1-1.5')	131 S1+	112
880-10593-7	S-2 (2-2.5')	131 S1+	87
880-10593-8	S-3 (0-1')	156 S1+	87
880-10593-9	S-3 (1-1.5')	102	94
880-10593-10	S-4 (0-1')	106	108
880-10593-11	S-4 (1-1.5')	207 S1+	94
880-10593-12	S-4 (2-2.5')	105	91
880-10593-13	S-5 (0-1')	106	99
880-10593-14	S-5 (1-1.5')	105	94
880-10593-15	S-5 (2-2.5')	133 S1+	112
880-10593-16	S-6 (0-1')	109	101
880-10593-17	S-6 (1-1.5')	123	108
880-10593-18	S-6 (2-2.5')	129	104
880-10593-19	S-7 (0-1')	121	107
880-10593-20	S-7 (1-1.5')	170 S1+	73
880-10593-21	S-7 (2-2.5')	118	80
880-10593-22	S-8 (0-1')	126	112
880-10593-23	S-8 (1-1.5')	129	89
880-10593-24	S-8 (2-2.5')	128	99
880-10593-25	S-8 (3-3.5')	95	95
880-10593-26	S-9 (0-1')	125	96
880-10594-A-1-A MS	Matrix Spike	78	61 S1-
880-10594-A-1-B MSD	Matrix Spike Duplicate	65 S1-	50 S1-
LCS 880-17752/1-A	Lab Control Sample	116	110
LCS 880-17753/1-A	Lab Control Sample	123	101
LCSD 880-17752/2-A	Lab Control Sample Dup	120	103
LCSD 880-17753/2-A	Lab Control Sample Dup	114	96
MB 880-17746/5-A	Method Blank	123	99
MB 880-17752/5-A	Method Blank	78	94
MB 880-17753/5-A	Method Blank	125	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-10593-1	S-1 (0-1')	86	86
880-10593-1 MS	S-1 (0-1')	79	70

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-10593-1

Project/Site: Copperhead Fee (01.14.22)

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)
880-10593-1 MSD	S-1 (0-1')	77	70
880-10593-2	S-1 (1-1.5')	82	82
880-10593-3	S-1 (2-2.5')	86	88
880-10593-4	S-1 (3-3.5')	87	86
880-10593-5	S-2 (0-1')	91	96
880-10593-6	S-2 (1-1.5')	90	94
880-10593-7	S-2 (2-2.5')	94	94
880-10593-8	S-3 (0-1')	90	91
880-10593-9	S-3 (1-1.5')	91	91
880-10593-10	S-4 (0-1')	92	93
880-10593-11	S-4 (1-1.5')	74	79
880-10593-12	S-4 (2-2.5')	81	83
880-10593-13	S-5 (0-1')	87	93
880-10593-14	S-5 (1-1.5')	90	90
880-10593-15	S-5 (2-2.5')	91	91
880-10593-16	S-6 (0-1')	89	91
880-10593-17	S-6 (1-1.5')	89	89
880-10593-18	S-6 (2-2.5')	88	89
880-10593-19	S-7 (0-1')	99	105
880-10593-20	S-7 (1-1.5')	94	92
880-10593-21	S-7 (2-2.5')	101	100
880-10593-21 MS	S-7 (2-2.5')	74	66 S1-
880-10593-21 MSD	S-7 (2-2.5')	75	67 S1-
880-10593-22	S-8 (0-1')	97	96
880-10593-23	S-8 (1-1.5')	99	94
880-10593-24	S-8 (2-2.5')	90	96
880-10593-25	S-8 (3-3.5')	89	95
880-10593-26	S-9 (0-1')	72	77
890-1863-A-1-E MS	Matrix Spike	73	69 S1-
890-1863-A-1-F MSD	Matrix Spike Duplicate	77	73
LCS 880-17749/2-A	Lab Control Sample	131 S1+	125
LCS 880-17819/2-A	Lab Control Sample	131 S1+	126
LCS 880-17947/2-A	Lab Control Sample	126	121
LCSD 880-17749/3-A	Lab Control Sample Dup	137 S1+	140 S1+
LCSD 880-17819/3-A	Lab Control Sample Dup	121	119
LCSD 880-17947/3-A	Lab Control Sample Dup	144 S1+	137 S1+
MB 880-17749/1-A	Method Blank	106	119
MB 880-17819/1-A	Method Blank	128	132 S1+
MB 880-17947/1-A	Method Blank	117	121

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-17746/5-A

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/22 10:15	01/26/22 11:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 10:15	01/26/22 11:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 10:15	01/26/22 11:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/22 10:15	01/26/22 11:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 10:15	01/26/22 11:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/22 10:15	01/26/22 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/26/22 10:15	01/26/22 11:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/26/22 10:15	01/26/22 11:45	1

Lab Sample ID: MB 880-17752/5-A

Matrix: Solid

Analysis Batch: 17754

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/22 08:31	01/26/22 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:31	01/26/22 12:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/22 08:31	01/26/22 12:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	01/26/22 08:31	01/26/22 12:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/26/22 08:31	01/26/22 12:28	1

Lab Sample ID: LCS 880-17752/1-A

Matrix: Solid

Analysis Batch: 17754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1165		mg/Kg		117	70 - 130
Toluene	0.100	0.09758		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09655		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2123		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1120		mg/Kg		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-17752/2-A

Matrix: Solid

Analysis Batch: 17754

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17752

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCSD 880-17752/2-A

Matrix: Solid

Analysis Batch: 17754

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17752

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09394		mg/Kg		94	70 - 130	4	35
Ethylbenzene	0.100	0.09368		mg/Kg		94	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2064		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1090		mg/Kg		109	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-10593-1 MS

Matrix: Solid

Analysis Batch: 17754

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

Prep Type: Total/NA

Prep Batch: 17752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.0998	0.06541	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U F1	0.0998	0.06595	F1	mg/Kg		66	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.06649	F1	mg/Kg		67	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1441		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07331		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-10593-1 MSD

Matrix: Solid

Analysis Batch: 17754

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

Prep Type: Total/NA

Prep Batch: 17752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0996	0.1037	F2	mg/Kg		104	70 - 130	45	35
Toluene	<0.00200	U F1	0.0996	0.09142		mg/Kg		92	70 - 130	32	35
Ethylbenzene	<0.00200	U F1	0.0996	0.08932		mg/Kg		90	70 - 130	29	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1876		mg/Kg		94	70 - 130	26	35
o-Xylene	<0.00200	U	0.0996	0.09287		mg/Kg		93	70 - 130	24	35

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

Lab Sample ID: MB 880-17753/5-A

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/26/22 23:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/26/22 23:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/26/22 23:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/26/22 08:34	01/26/22 23:23	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: MB 880-17753/5-A

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17753

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/26/22 08:34	01/26/22 23:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/26/22 08:34	01/26/22 23:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/26/22 08:34	01/26/22 23:23	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/26/22 08:34	01/26/22 23:23	1

Lab Sample ID: LCS 880-17753/1-A

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17753

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07440		mg/Kg		74	70 - 130
Toluene	0.100	0.08263		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08016		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1579		mg/Kg		79	70 - 130
o-Xylene	0.100	0.08183		mg/Kg		82	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-17753/2-A

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17753

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08498		mg/Kg		85	70 - 130	13	35
Toluene	0.100	0.09462		mg/Kg		95	70 - 130	14	35
Ethylbenzene	0.100	0.09351		mg/Kg		94	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1837		mg/Kg		92	70 - 130	15	35
o-Xylene	0.100	0.09007		mg/Kg		90	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-10594-A-1-A MS

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17753

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U F2 F1	0.0994	0.005501	F1	mg/Kg		6	70 - 130
Toluene	<0.00202	U F2 F1	0.0994	0.01416	F1	mg/Kg		14	70 - 130
Ethylbenzene	<0.00202	U F2 F1	0.0994	0.01303	F1	mg/Kg		13	70 - 130
m-Xylene & p-Xylene	<0.00404	U F2 F1	0.199	0.009919	F1	mg/Kg		5	70 - 130
o-Xylene	<0.00202	U F1	0.0994	0.006544	F1	mg/Kg		7	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10594-A-1-A MS

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17753

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	78		70 - 130
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130

Lab Sample ID: 880-10594-A-1-B MSD

Matrix: Solid

Analysis Batch: 17747

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17753

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U F2 F1	0.100	0.06107	F2 F1	mg/Kg		61	70 - 130	167	35
Toluene	<0.00202	U F2 F1	0.100	0.03901	F2 F1	mg/Kg		39	70 - 130	93	35
Ethylbenzene	<0.00202	U F2 F1	0.100	0.02275	F2 F1	mg/Kg		23	70 - 130	54	35
m-Xylene & p-Xylene	<0.00404	U F2 F1	0.200	0.03468	F2 F1	mg/Kg		17	70 - 130	111	35
o-Xylene	<0.00202	U F1	0.100	0.005918	F1	mg/Kg		6	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130
1,4-Difluorobenzene (Surr)	50	S1-	70 - 130

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

Lab Sample ID: MB 880-17749/1-A

Matrix: Solid

Analysis Batch: 17755

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17749

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		01/26/22 08:19	01/26/22 11:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 11:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 08:19	01/26/22 11:10	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				01/26/22 08:19	01/26/22 11:10	1
o-Terphenyl	119		70 - 130				01/26/22 08:19	01/26/22 11:10	1

Lab Sample ID: LCS 880-17749/2-A

Matrix: Solid

Analysis Batch: 17755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1093		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1153		mg/Kg		115	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	125		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCSD 880-17749/3-A

Matrix: Solid

Analysis Batch: 17755

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17749

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1100		mg/Kg		110	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1225		mg/Kg		122	70 - 130	6	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	137	S1+	70 - 130						
o-Terphenyl	140	S1+	70 - 130						

Lab Sample ID: 890-1863-A-1-E MS

Matrix: Solid

Analysis Batch: 17755

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 17749

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	<49.9	U	997	1106		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	964.5		mg/Kg		95	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: 890-1863-A-1-F MSD

Matrix: Solid

Analysis Batch: 17755

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 17749

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	996	1144		mg/Kg		115	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1028		mg/Kg		101	70 - 130	6	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: MB 880-17819/1-A

Matrix: Solid

Analysis Batch: 17871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17819

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		01/26/22 15:10	01/27/22 20:38	1
Diesel Range Organics (Over C10-C28)	57.89		50.0		mg/Kg		01/26/22 15:10	01/27/22 20:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/26/22 15:10	01/27/22 20:38	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: MB 880-17819/1-A

Matrix: Solid

Analysis Batch: 17871

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17819

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	128		70 - 130	01/26/22 15:10	01/27/22 20:38	1				
o-Terphenyl	132	S1+	70 - 130	01/26/22 15:10	01/27/22 20:38	1				

Lab Sample ID: LCS 880-17819/2-A

Matrix: Solid

Analysis Batch: 17871

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17819

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1058		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1078		mg/Kg		108	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	131	S1+	70 - 130								
o-Terphenyl	126		70 - 130								

Lab Sample ID: LCSD 880-17819/3-A

Matrix: Solid

Analysis Batch: 17871

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17819

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1005		mg/Kg		100	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)			1000	1035		mg/Kg		104	70 - 130	4	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	121		70 - 130									
o-Terphenyl	119		70 - 130									

Lab Sample ID: 880-10593-1 MS

Matrix: Solid

Analysis Batch: 17871

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

Prep Type: Total/NA

Prep Batch: 17819

	Sample	Sample	Spike	MS	MS				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1280		mg/Kg		126	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1081		mg/Kg		105	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	79		70 - 130									
o-Terphenyl	70		70 - 130									

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10593-1 MSD

Matrix: Solid

Analysis Batch: 17871

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

Prep Type: Total/NA

Prep Batch: 17819

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	996	1255		mg/Kg		124	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1082		mg/Kg		105	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	77		70 - 130								
o-Terphenyl	70		70 - 130								

Lab Sample ID: MB 880-17947/1-A

Matrix: Solid

Analysis Batch: 17874

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 17947

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		01/27/22 15:00	01/27/22 20:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/27/22 15:00	01/27/22 20:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/27/22 15:00	01/27/22 20:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				01/27/22 15:00	01/27/22 20:38	1
o-Terphenyl	121		70 - 130				01/27/22 15:00	01/27/22 20:38	1

Lab Sample ID: LCS 880-17947/2-A

Matrix: Solid

Analysis Batch: 17874

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 17947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1132		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	986.6		mg/Kg		99	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	126		70 - 130						
o-Terphenyl	121		70 - 130						

Lab Sample ID: LCSD 880-17947/3-A

Matrix: Solid

Analysis Batch: 17874

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17947

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1248		mg/Kg		125	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1147		mg/Kg		115	70 - 130	15	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: LCSD 880-17947/3-A

Matrix: Solid

Analysis Batch: 17874

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 17947

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	144	S1+	70 - 130
o-Terphenyl	137	S1+	70 - 130

Lab Sample ID: 880-10593-21 MS

Matrix: Solid

Analysis Batch: 17874

Client Sample ID: S-7 (2-2.5')

Prep Type: Total/NA

Prep Batch: 17947

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	990.8		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	921.0		mg/Kg		92	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	74		70 - 130							
o-Terphenyl	66	S1-	70 - 130							

Lab Sample ID: 880-10593-21 MSD

Matrix: Solid

Analysis Batch: 17874

Client Sample ID: S-7 (2-2.5')

Prep Type: Total/NA

Prep Batch: 17947

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1205		mg/Kg		117	70 - 130	20	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	972.0		mg/Kg		98	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	75		70 - 130									
o-Terphenyl	67	S1-	70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-17770/1-A

Matrix: Solid

Analysis Batch: 17921

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			01/27/22 15:45	1	

Lab Sample ID: LCS 880-17770/2-A

Matrix: Solid

Analysis Batch: 17921

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	253.9		mg/Kg		102	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-17770/3-A

Matrix: Solid

Analysis Batch: 17921

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	249.7		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-10593-4 MS

Matrix: Solid

Analysis Batch: 17921

Client Sample ID: S-1 (3-3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	334	F1	249	567.8		mg/Kg		94	90 - 110		

Lab Sample ID: 880-10593-4 MSD

Matrix: Solid

Analysis Batch: 17921

Client Sample ID: S-1 (3-3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	334	F1	249	551.8	F1	mg/Kg		87	90 - 110	3	20

Lab Sample ID: MB 880-17774/1-A

Matrix: Solid

Analysis Batch: 18067

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			01/30/22 11:32	1

Lab Sample ID: LCS 880-17774/2-A

Matrix: Solid

Analysis Batch: 18067

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	269.4		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-17774/3-A

Matrix: Solid

Analysis Batch: 18067

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	269.9		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-10593-17 MS

Matrix: Solid

Analysis Batch: 18067

Client Sample ID: S-6 (1-1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9230		2530	11560		mg/Kg		92	90 - 110		

Lab Sample ID: 880-10593-17 MSD

Matrix: Solid

Analysis Batch: 18067

Client Sample ID: S-6 (1-1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9230		2530	11580		mg/Kg		93	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

GC VOA

Prep Batch: 17746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17746/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 17747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-21	S-7 (2-2.5')	Total/NA	Solid	8021B	17753
880-10593-22	S-8 (0-1')	Total/NA	Solid	8021B	17753
880-10593-23	S-8 (1-1.5')	Total/NA	Solid	8021B	17753
880-10593-24	S-8 (2-2.5')	Total/NA	Solid	8021B	17753
880-10593-25	S-8 (3-3.5')	Total/NA	Solid	8021B	17753
880-10593-26	S-9 (0-1')	Total/NA	Solid	8021B	17753
MB 880-17746/5-A	Method Blank	Total/NA	Solid	8021B	17746
MB 880-17753/5-A	Method Blank	Total/NA	Solid	8021B	17753
LCS 880-17753/1-A	Lab Control Sample	Total/NA	Solid	8021B	17753
LCSD 880-17753/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17753
880-10594-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	17753
880-10594-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	17753

Prep Batch: 17752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Total/NA	Solid	5035	
880-10593-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-10593-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-10593-4	S-1 (3-3.5')	Total/NA	Solid	5035	
880-10593-5	S-2 (0-1')	Total/NA	Solid	5035	
880-10593-6	S-2 (1-1.5')	Total/NA	Solid	5035	
880-10593-7	S-2 (2-2.5')	Total/NA	Solid	5035	
880-10593-8	S-3 (0-1')	Total/NA	Solid	5035	
880-10593-9	S-3 (1-1.5')	Total/NA	Solid	5035	
880-10593-10	S-4 (0-1')	Total/NA	Solid	5035	
880-10593-11	S-4 (1-1.5')	Total/NA	Solid	5035	
880-10593-12	S-4 (2-2.5')	Total/NA	Solid	5035	
880-10593-13	S-5 (0-1')	Total/NA	Solid	5035	
880-10593-14	S-5 (1-1.5')	Total/NA	Solid	5035	
880-10593-15	S-5 (2-2.5')	Total/NA	Solid	5035	
880-10593-16	S-6 (0-1')	Total/NA	Solid	5035	
880-10593-17	S-6 (1-1.5')	Total/NA	Solid	5035	
880-10593-18	S-6 (2-2.5')	Total/NA	Solid	5035	
880-10593-19	S-7 (0-1')	Total/NA	Solid	5035	
880-10593-20	S-7 (1-1.5')	Total/NA	Solid	5035	
MB 880-17752/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17752/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17752/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10593-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-10593-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 17753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-21	S-7 (2-2.5')	Total/NA	Solid	5035	
880-10593-22	S-8 (0-1')	Total/NA	Solid	5035	
880-10593-23	S-8 (1-1.5')	Total/NA	Solid	5035	
880-10593-24	S-8 (2-2.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

GC VOA (Continued)

Prep Batch: 17753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-25	S-8 (3-3.5')	Total/NA	Solid	5035	
880-10593-26	S-9 (0-1')	Total/NA	Solid	5035	
MB 880-17753/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-17753/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-17753/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10594-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10594-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 17754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Total/NA	Solid	8021B	17752
880-10593-2	S-1 (1-1.5')	Total/NA	Solid	8021B	17752
880-10593-3	S-1 (2-2.5')	Total/NA	Solid	8021B	17752
880-10593-4	S-1 (3-3.5')	Total/NA	Solid	8021B	17752
880-10593-5	S-2 (0-1')	Total/NA	Solid	8021B	17752
880-10593-6	S-2 (1-1.5')	Total/NA	Solid	8021B	17752
880-10593-7	S-2 (2-2.5')	Total/NA	Solid	8021B	17752
880-10593-8	S-3 (0-1')	Total/NA	Solid	8021B	17752
880-10593-9	S-3 (1-1.5')	Total/NA	Solid	8021B	17752
880-10593-10	S-4 (0-1')	Total/NA	Solid	8021B	17752
880-10593-11	S-4 (1-1.5')	Total/NA	Solid	8021B	17752
880-10593-12	S-4 (2-2.5')	Total/NA	Solid	8021B	17752
880-10593-13	S-5 (0-1')	Total/NA	Solid	8021B	17752
880-10593-14	S-5 (1-1.5')	Total/NA	Solid	8021B	17752
880-10593-15	S-5 (2-2.5')	Total/NA	Solid	8021B	17752
880-10593-16	S-6 (0-1')	Total/NA	Solid	8021B	17752
880-10593-17	S-6 (1-1.5')	Total/NA	Solid	8021B	17752
880-10593-18	S-6 (2-2.5')	Total/NA	Solid	8021B	17752
880-10593-19	S-7 (0-1')	Total/NA	Solid	8021B	17752
880-10593-20	S-7 (1-1.5')	Total/NA	Solid	8021B	17752
MB 880-17752/5-A	Method Blank	Total/NA	Solid	8021B	17752
LCS 880-17752/1-A	Lab Control Sample	Total/NA	Solid	8021B	17752
LCSD 880-17752/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	17752
880-10593-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	17752
880-10593-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	17752

Analysis Batch: 17848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-2	S-1 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-3	S-1 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-4	S-1 (3-3.5')	Total/NA	Solid	Total BTEX	
880-10593-5	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-6	S-2 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-7	S-2 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-8	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-9	S-3 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-10	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-11	S-4 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-12	S-4 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-13	S-5 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

GC VOA (Continued)

Analysis Batch: 17848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-14	S-5 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-15	S-5 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-16	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-17	S-6 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-18	S-6 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-19	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-20	S-7 (1-1.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 18172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-21	S-7 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-22	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-10593-23	S-8 (1-1.5')	Total/NA	Solid	Total BTEX	
880-10593-24	S-8 (2-2.5')	Total/NA	Solid	Total BTEX	
880-10593-25	S-8 (3-3.5')	Total/NA	Solid	Total BTEX	
880-10593-26	S-9 (0-1')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 17749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-24	S-8 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-25	S-8 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-10593-26	S-9 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-17749/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17749/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17749/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1863-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1863-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-24	S-8 (2-2.5')	Total/NA	Solid	8015B NM	17749
880-10593-25	S-8 (3-3.5')	Total/NA	Solid	8015B NM	17749
880-10593-26	S-9 (0-1')	Total/NA	Solid	8015B NM	17749
MB 880-17749/1-A	Method Blank	Total/NA	Solid	8015B NM	17749
LCS 880-17749/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17749
LCSD 880-17749/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17749
890-1863-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	17749
890-1863-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	17749

Prep Batch: 17819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10593-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-4	S-1 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-10593-5	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-6	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10593-7	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-8	S-3 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

GC Semi VOA (Continued)

Prep Batch: 17819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-9	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10593-10	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-11	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10593-12	S-4 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-13	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-14	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10593-15	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-16	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-17	S-6 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-10593-18	S-6 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-19	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-20	S-7 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-17819/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10593-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	17819
880-10593-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	17819
880-10593-4	S-1 (3-3.5')	Total/NA	Solid	8015B NM	17819
880-10593-5	S-2 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-6	S-2 (1-1.5')	Total/NA	Solid	8015B NM	17819
880-10593-7	S-2 (2-2.5')	Total/NA	Solid	8015B NM	17819
880-10593-8	S-3 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-9	S-3 (1-1.5')	Total/NA	Solid	8015B NM	17819
880-10593-10	S-4 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-11	S-4 (1-1.5')	Total/NA	Solid	8015B NM	17819
880-10593-12	S-4 (2-2.5')	Total/NA	Solid	8015B NM	17819
880-10593-13	S-5 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-14	S-5 (1-1.5')	Total/NA	Solid	8015B NM	17819
880-10593-15	S-5 (2-2.5')	Total/NA	Solid	8015B NM	17819
880-10593-16	S-6 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-17	S-6 (1-1.5')	Total/NA	Solid	8015B NM	17819
880-10593-18	S-6 (2-2.5')	Total/NA	Solid	8015B NM	17819
880-10593-19	S-7 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-20	S-7 (1-1.5')	Total/NA	Solid	8015B NM	17819
MB 880-17819/1-A	Method Blank	Total/NA	Solid	8015B NM	17819
LCS 880-17819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17819
LCSD 880-17819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17819
880-10593-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	17819
880-10593-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	17819

Analysis Batch: 17874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-21	S-7 (2-2.5')	Total/NA	Solid	8015B NM	17947
880-10593-22	S-8 (0-1')	Total/NA	Solid	8015B NM	17947
880-10593-23	S-8 (1-1.5')	Total/NA	Solid	8015B NM	17947

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

GC Semi VOA (Continued)

Analysis Batch: 17874 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-17947/1-A	Method Blank	Total/NA	Solid	8015B NM	17947
LCS 880-17947/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	17947
LCSD 880-17947/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	17947
880-10593-21 MS	S-7 (2-2.5')	Total/NA	Solid	8015B NM	17947
880-10593-21 MSD	S-7 (2-2.5')	Total/NA	Solid	8015B NM	17947

Prep Batch: 17947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-21	S-7 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-22	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-10593-23	S-8 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-17947/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-17947/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-17947/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10593-21 MS	S-7 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-10593-21 MSD	S-7 (2-2.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 17983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-10593-2	S-1 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-3	S-1 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-4	S-1 (3-3.5')	Total/NA	Solid	8015 NM	
880-10593-5	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-10593-6	S-2 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-7	S-2 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-8	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-10593-9	S-3 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-10	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-10593-11	S-4 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-12	S-4 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-13	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-10593-14	S-5 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-15	S-5 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-16	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-10593-17	S-6 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-18	S-6 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-19	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-10593-20	S-7 (1-1.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 18170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-21	S-7 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-22	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-10593-23	S-8 (1-1.5')	Total/NA	Solid	8015 NM	
880-10593-24	S-8 (2-2.5')	Total/NA	Solid	8015 NM	
880-10593-25	S-8 (3-3.5')	Total/NA	Solid	8015 NM	
880-10593-26	S-9 (0-1')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

HPLC/IC

Leach Batch: 17770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-10593-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-4	S-1 (3-3.5')	Soluble	Solid	DI Leach	
880-10593-5	S-2 (0-1')	Soluble	Solid	DI Leach	
880-10593-6	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-7	S-2 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-8	S-3 (0-1')	Soluble	Solid	DI Leach	
880-10593-9	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-10	S-4 (0-1')	Soluble	Solid	DI Leach	
880-10593-11	S-4 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-12	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-13	S-5 (0-1')	Soluble	Solid	DI Leach	
MB 880-17770/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17770/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17770/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10593-4 MS	S-1 (3-3.5')	Soluble	Solid	DI Leach	
880-10593-4 MSD	S-1 (3-3.5')	Soluble	Solid	DI Leach	

Leach Batch: 17774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-14	S-5 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-15	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-16	S-6 (0-1')	Soluble	Solid	DI Leach	
880-10593-17	S-6 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-18	S-6 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-19	S-7 (0-1')	Soluble	Solid	DI Leach	
880-10593-20	S-7 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-21	S-7 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-22	S-8 (0-1')	Soluble	Solid	DI Leach	
880-10593-23	S-8 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-24	S-8 (2-2.5')	Soluble	Solid	DI Leach	
880-10593-25	S-8 (3-3.5')	Soluble	Solid	DI Leach	
880-10593-26	S-9 (0-1')	Soluble	Solid	DI Leach	
MB 880-17774/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-17774/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-17774/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10593-17 MS	S-6 (1-1.5')	Soluble	Solid	DI Leach	
880-10593-17 MSD	S-6 (1-1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 17921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-1	S-1 (0-1')	Soluble	Solid	300.0	17770
880-10593-2	S-1 (1-1.5')	Soluble	Solid	300.0	17770
880-10593-3	S-1 (2-2.5')	Soluble	Solid	300.0	17770
880-10593-4	S-1 (3-3.5')	Soluble	Solid	300.0	17770
880-10593-5	S-2 (0-1')	Soluble	Solid	300.0	17770
880-10593-6	S-2 (1-1.5')	Soluble	Solid	300.0	17770
880-10593-7	S-2 (2-2.5')	Soluble	Solid	300.0	17770
880-10593-8	S-3 (0-1')	Soluble	Solid	300.0	17770
880-10593-9	S-3 (1-1.5')	Soluble	Solid	300.0	17770

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

HPLC/IC (Continued)

Analysis Batch: 17921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-10	S-4 (0-1')	Soluble	Solid	300.0	17770
880-10593-11	S-4 (1-1.5')	Soluble	Solid	300.0	17770
880-10593-12	S-4 (2-2.5')	Soluble	Solid	300.0	17770
880-10593-13	S-5 (0-1')	Soluble	Solid	300.0	17770
MB 880-17770/1-A	Method Blank	Soluble	Solid	300.0	17770
LCS 880-17770/2-A	Lab Control Sample	Soluble	Solid	300.0	17770
LCSD 880-17770/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17770
880-10593-4 MS	S-1 (3-3.5')	Soluble	Solid	300.0	17770
880-10593-4 MSD	S-1 (3-3.5')	Soluble	Solid	300.0	17770

Analysis Batch: 18067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10593-14	S-5 (1-1.5')	Soluble	Solid	300.0	17774
880-10593-15	S-5 (2-2.5')	Soluble	Solid	300.0	17774
880-10593-16	S-6 (0-1')	Soluble	Solid	300.0	17774
880-10593-17	S-6 (1-1.5')	Soluble	Solid	300.0	17774
880-10593-18	S-6 (2-2.5')	Soluble	Solid	300.0	17774
880-10593-19	S-7 (0-1')	Soluble	Solid	300.0	17774
880-10593-20	S-7 (1-1.5')	Soluble	Solid	300.0	17774
880-10593-21	S-7 (2-2.5')	Soluble	Solid	300.0	17774
880-10593-22	S-8 (0-1')	Soluble	Solid	300.0	17774
880-10593-23	S-8 (1-1.5')	Soluble	Solid	300.0	17774
880-10593-24	S-8 (2-2.5')	Soluble	Solid	300.0	17774
880-10593-25	S-8 (3-3.5')	Soluble	Solid	300.0	17774
880-10593-26	S-9 (0-1')	Soluble	Solid	300.0	17774
MB 880-17774/1-A	Method Blank	Soluble	Solid	300.0	17774
LCS 880-17774/2-A	Lab Control Sample	Soluble	Solid	300.0	17774
LCSD 880-17774/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	17774
880-10593-17 MS	S-6 (1-1.5')	Soluble	Solid	300.0	17774
880-10593-17 MSD	S-6 (1-1.5')	Soluble	Solid	300.0	17774

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Lab Sample ID: 880-10593-1

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 12:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/27/22 21:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		10			17921	01/27/22 18:46	CH	XEN MID

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-10593-2

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 13:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/27/22 22:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			17921	01/28/22 17:14	CH	XEN MID

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-10593-3

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 13:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/27/22 22:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			17921	01/28/22 17:26	CH	XEN MID

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-10593-4

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 14:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-10593-4

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/27/22 23:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		1			17921	01/28/22 17:37	CH	XEN MID

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

Lab Sample ID: 880-10593-5

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 14:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/27/22 23:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		20			17921	01/27/22 19:57	CH	XEN MID

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-10593-6

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 15:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/27/22 23:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		20			17921	01/27/22 20:09	CH	XEN MID

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-10593-7

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 15:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 00:17	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-10593-7

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		20			17921	01/27/22 20:45	CH	XEN MID

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

Lab Sample ID: 880-10593-8

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 16:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 00:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		20			17921	01/27/22 20:57	CH	XEN MID

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-10593-9

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 16:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 00:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		10			17921	01/27/22 21:09	CH	XEN MID

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

Lab Sample ID: 880-10593-10

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 17:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 01:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		10			17921	01/27/22 21:21	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-4 (1-1.5')

Date Collected: 01/25/22 00:00

Date Received: 01/26/22 08:16

Lab Sample ID: 880-10593-11

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			5.02 g	5 mL	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 18:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 02:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		10			17921	01/27/22 21:32	CH	XEN MID

Client Sample ID: S-4 (2-2.5')

Date Collected: 01/25/22 00:00

Date Received: 01/26/22 08:16

Lab Sample ID: 880-10593-12

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 19:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 02:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		20			17921	01/27/22 21:44	CH	XEN MID

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

Date Collected: 01/25/22 00:00

Date Received: 01/26/22 08:16

Lab Sample ID: 880-10593-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 19:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 02:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17770	01/26/22 10:08	CH	XEN MID
Soluble	Analysis	300.0		10			17921	01/27/22 21:56	CH	XEN MID

Client Sample ID: S-5 (1-1.5')

Date Collected: 01/25/22 00:00

Date Received: 01/26/22 08:16

Lab Sample ID: 880-10593-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 20:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-10593-14

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 03:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	02/01/22 11:22	CH	XEN MID

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-10593-15

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 20:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 03:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		20			18067	01/30/22 13:26	CH	XEN MID

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

Lab Sample ID: 880-10593-16

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 21:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 03:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 13:34	CH	XEN MID

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-10593-17

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 21:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 04:03	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-10593-17

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 13:41	CH	XEN MID

Client Sample ID: S-6 (2-2.5')

Lab Sample ID: 880-10593-18

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 22:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 04:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 14:04	CH	XEN MID

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-10593-19

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 22:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 04:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 14:11	CH	XEN MID

Client Sample ID: S-7 (1-1.5')

Lab Sample ID: 880-10593-20

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17752	01/26/22 08:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17754	01/26/22 23:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			17848	01/26/22 17:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			17983	01/28/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17819	01/26/22 15:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17871	01/28/22 05:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 14:34	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-7 (2-2.5')

Lab Sample ID: 880-10593-21

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17753	01/26/22 08:34	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17747	01/27/22 04:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18172	01/31/22 13:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18170	01/31/22 13:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17947	01/27/22 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17874	01/27/22 21:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		1			18067	01/31/22 19:29	CH	XEN MID

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-10593-22

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17753	01/26/22 08:34	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17747	01/27/22 05:06	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18172	01/31/22 13:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18170	01/31/22 13:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	17947	01/27/22 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17874	01/27/22 22:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 14:49	CH	XEN MID

Client Sample ID: S-8 (1-1.5')

Lab Sample ID: 880-10593-23

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17753	01/26/22 08:34	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17747	01/27/22 05:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18172	01/31/22 13:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18170	01/31/22 13:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17947	01/27/22 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17874	01/27/22 22:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 14:57	CH	XEN MID

Client Sample ID: S-8 (2-2.5')

Lab Sample ID: 880-10593-24

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17753	01/26/22 08:34	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17747	01/27/22 05:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18172	01/31/22 13:41	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Client Sample ID: S-8 (2-2.5')

Lab Sample ID: 880-10593-24

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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			18170	01/31/22 13:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	17749	01/26/22 08:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17755	01/26/22 20:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 15:05	CH	XEN MID

Client Sample ID: S-8 (3-3.5')

Lab Sample ID: 880-10593-25

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17753	01/26/22 08:34	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17747	01/27/22 06:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18172	01/31/22 13:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18170	01/31/22 13:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17749	01/26/22 08:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17755	01/26/22 20:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		10			18067	01/30/22 15:12	CH	XEN MID

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-10593-26

Date Collected: 01/25/22 00:00

Matrix: Solid

Date Received: 01/26/22 08:16

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	17753	01/26/22 08:34	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	17747	01/27/22 06:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18172	01/31/22 13:41	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18170	01/31/22 13:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	17749	01/26/22 08:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			17755	01/26/22 20:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	17774	01/26/22 10:22	CH	XEN MID
Soluble	Analysis	300.0		20			18067	01/30/22 15:20	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (01.14.22)

Job ID: 880-10593-1
SDG: Eddy Co,NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10593-1	S-1 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-2	S-1 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-3	S-1 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-4	S-1 (3-3.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-5	S-2 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-6	S-2 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-7	S-2 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-8	S-3 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-9	S-3 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-10	S-4 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-11	S-4 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-12	S-4 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-13	S-5 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-14	S-5 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-15	S-5 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-16	S-6 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-17	S-6 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-18	S-6 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-19	S-7 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-20	S-7 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-21	S-7 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-22	S-8 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-23	S-8 (1-1.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-24	S-8 (2-2.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-25	S-8 (3-3.5')	Solid	01/25/22 00:00	01/26/22 08:16
880-10593-26	S-9 (0-1')	Solid	01/25/22 00:00	01/26/22 08:16

Chain of Custody

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

Work Order Comments				
Program: UST/PST	☐ PRP	☐ Brownfields	☐ RC	☐ \$perfund
State of Project:				
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP	☐ Level IV
Deliverables: EDD	☐	ADAPT	☐	Other:

Project Name:		Copperhead Fee (01.14.22)		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	1002	☒ Routine	☐ Rush	Due Date:	3 DAY											None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me	
Sampler's Name:	CRM															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										HOLD	
Received Inlat:	Yes ☒ No ☐	Thermometer ID:																
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:																
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:																
Total Containers:	Yes ☒ No ☐	Corrected Temperature:																
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont									Sample Comments	
S-1 (0-1')			1/25/2022		X		G	1	X	X	X							
S-1 (1-1.5')			1/25/2022		X		G	1	X	X	X							
S-1 (2-2.5')			1/25/2022		X		G	1	X	X	X							
S-1 (3-3.5')			1/25/2022		X		G	1	X	X	X							
S-2 (0-1')			1/25/2022		X		G	1	X	X	X							
S-2 (1-1.5')			1/25/2022		X		G	1	X	X	X							
S-2 (2-2.5')			1/25/2022		X		G	1	X	X	X							
S-3 (0-1')			1/25/2022		X		G	1	X	X	X							
S-3 (1-1.5')			1/25/2022		X		G	1	X	X	X							
S-4 (0-1')			1/25/2022		X		G	1	X	X	X							

Additoinal Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenoco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenoco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenoco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	<i>[Signature]</i>	1/26/22 08:55	2		
2				4		
3				6		

880-10593 Chain of Custody



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Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager:	Comer Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COP
Address:	310 W Wall St, Suite 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88266
Phone:	432-813-6823	Email:	jacqui.harris@comconophillips.com
Work Order Comments			
Program: ☒ UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ ☐ perfund			
State of Project: ☐ Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐			
Deliverables: EDD ☐ ADAPT ☐ Other: _____			

Project Name:		Copperhead Fee (01.14.22)		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:		1002		☒ Routine	☐ Rush															None: NO	DI Water: H ₂ O				
Project Location		Eddy Co, NM		Due Date:		TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me				
Sampler's Name:		CRM																		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: SAFC						
Sample Identification		Date		Time		Soil		Water		Grab/Comp	# of Cont	Parameters												Sample Comments	
S-4 (1-1.5')		1/25/2022				X				G	1	BTEX 8021B													
S-4 (2-2.5')		1/25/2022				X				G	1	TPH 8015M (GRO + DRO + MRO)													
S-5 (0-1')		1/25/2022				X				G	1	Chloride 300.0													
S-5 (1-1.5')		1/25/2022				X				G	1														
S-5 (2-2.5')		1/25/2022				X				G	1														
S-6 (0-1')		1/25/2022				X				G	1														
S-6 (1-1.5')		1/25/2022				X				G	1														
S-6 (2-2.5')		1/25/2022				X				G	1														
S-7 (0-1')		1/25/2022				X				G	1														
S-7 (1-1.5')		1/25/2022				X				G	1														

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1/26/22 08:15			

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Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmora Resources	Company Name:	COP
Address:	310 W Wall St, Suite 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@comconhillips.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Copperhead Fee (01.14.22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	1002	☒ Routine	☐ Rush													None: NO	DI Water: H ₂ O					
Project Location:	Eddy Co. NM	Due Date:	TAT starts the day received by the lab. if received by 4:30pm													Cool: Cool	MeOH: Me					
Sampler's Name:	CRM														HCL: HC	HNO ₃ : HN						
PO #:														H ₂ SO ₄ : H ₂	NaOH: Na							
SAMPLE RECEIPT		Temp Blank:	Yes	No	Thermometer ID:	Wet Ice:	Yes	No	HOLD													
Received In tact:	Yes	No			Correction Factor:																	
Cooler Custody Seals:	Yes	No	N/A			Temperature Reading:																
Sample Custody Seals:	Yes	No	N/A			Corrected Temperature:																
Total Containers:															Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments														
S-7 (2-2.5')		1/25/2022		X		G	1	X	X	X												
S-8 (0-1')		1/25/2022		X		G	1	X	X	X												
S-8 (1-1.5')		1/25/2022		X		G	1	X	X	X												
S-8 (2-2.5')		1/25/2022		X		G	1	X	X	X												
S-8 (3-3.5')		1/25/2022		X		G	1	X	X	X												
S-9 (0-1')		1/25/2022		X		G	1	X	X	X												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1/26/22 8:55			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-10593-1

SDG Number: Eddy Co,NM

Login Number: 10593

List Number: 1

Creator: Teel, Brianna

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: 880-10875-1

Laboratory Sample Delivery Group: Eddy Co NM
Client Project/Site: Copperhead Fee (1.14.22)

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:
2/7/2022 8:20:27 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Laboratory Job ID: 880-10875-1
SDG: Eddy Co NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Midland

Definitions/Glossary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Job ID: 880-10875-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10875-1

Receipt

The samples were received on 2/2/2022 8:56 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 0.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18311 and analytical batch 880-18370 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 for the following samples were outside control limits: T-7 (1') (880-10875-42), T-7 (2') (880-10875-43), T-7 (3') (880-10875-44), (880-10855-A-1-C) and (880-10855-A-1-A MS). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18347 and analytical batch 880-18331 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18349 and analytical batch 880-18332 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18361 and analytical batch 880-18462 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: T-1 (0-1') (880-10875-1), T-1 (5') (880-10875-6), T-1 (6') (880-10875-7), T-2 (1') (880-10875-9), T-2 (2') (880-10875-10), T-2 (3') (880-10875-11), T-2 (4') (880-10875-12), T-3 (0-1') (880-10875-13), T-3 (1') (880-10875-14), T-3 (2') (880-10875-15), T-3 (3') (880-10875-16), T-3 (4') (880-10875-17), T-3 (5') (880-10875-18), T-3 (6') (880-10875-19), T-3 (7') (880-10875-20), (MB 880-18348/1-A), (880-10875-A-1-E MS) and (880-10875-A-1-F MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-10875-A-41-B MS). Evidence of matrix interferences is not obvious.

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 880-18360 and analytical batch 880-18553 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.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18362 and analytical batch 880-18522 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.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18358 and analytical batch 880-18521 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: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Job ID: 880-10875-1 (Continued)

Laboratory: Eurofins Midland (Continued)

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: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-1

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:49	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:49	1
Ethylbenzene	0.00313	F2 F1 *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:49	1
m-Xylene & p-Xylene	0.00415	F1	0.00399		mg/Kg		02/02/22 10:53	02/03/22 00:49	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:49	1
Xylenes, Total	0.00415	F1	0.00399		mg/Kg		02/02/22 10:53	02/03/22 00:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/02/22 10:53	02/03/22 00:49	1
1,4-Difluorobenzene (Surr)	97		70 - 130	02/02/22 10:53	02/03/22 00:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00728		0.00399		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	518		49.9		mg/Kg			02/03/22 11:16	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	71.2		49.9		mg/Kg		02/02/22 11:09	02/02/22 22:45	1
Diesel Range Organics (Over C10-C28)	447		49.9		mg/Kg		02/02/22 11:09	02/02/22 22:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/02/22 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	02/02/22 11:09	02/02/22 22:45	1
o-Terphenyl	75		70 - 130	02/02/22 11:09	02/02/22 22:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35100	F1 F2	248		mg/Kg			02/03/22 15:03	50

Client Sample ID: T-1 (1')

Lab Sample ID: 880-10875-2

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 01:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 01:10	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 01:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/02/22 10:53	02/03/22 01:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 01:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/02/22 10:53	02/03/22 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/02/22 10:53	02/03/22 01:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/02/22 10:53	02/03/22 01:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (1')

Lab Sample ID: 880-10875-2

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/02/22 23:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/02/22 23:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/02/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				02/02/22 11:09	02/02/22 23:48	1
o-Terphenyl	82		70 - 130				02/02/22 11:09	02/02/22 23:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10900		101		mg/Kg			02/03/22 15:22	20

Client Sample ID: T-1 (2')

Lab Sample ID: 880-10875-3

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 01:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 01:30	1
Ethylbenzene	<0.00200	U * - *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 01:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 01:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 01:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				02/02/22 10:53	02/03/22 01:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/02/22 10:53	02/03/22 01:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 00:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-10875-3

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:09	02/03/22 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/02/22 11:09	02/03/22 00:09	1
o-Terphenyl	80		70 - 130				02/02/22 11:09	02/03/22 00:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7150		99.8		mg/Kg			02/03/22 15:28	20

Client Sample ID: T-1 (3')

Lab Sample ID: 880-10875-4

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 01:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 01:50	1
Ethylbenzene	0.00384	*- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 01:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 01:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 01:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				02/02/22 10:53	02/03/22 01:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/02/22 10:53	02/03/22 01:50	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 00:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 00:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/02/22 11:09	02/03/22 00:29	1
o-Terphenyl	81		70 - 130				02/02/22 11:09	02/03/22 00:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5560		99.4		mg/Kg			02/03/22 15:34	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (4')

Lab Sample ID: 880-10875-5

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 02:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 02:11	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 02:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 02:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 02:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	02/02/22 10:53	02/03/22 02:11	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/02/22 10:53	02/03/22 02:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 00:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	02/02/22 11:09	02/03/22 00:50	1
o-Terphenyl	80		70 - 130	02/02/22 11:09	02/03/22 00:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	741		24.9		mg/Kg			02/03/22 15:40	5

Client Sample ID: T-1 (5')

Lab Sample ID: 880-10875-6

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 02:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 02:31	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 02:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 02:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 02:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/02/22 10:53	02/03/22 02:31	1
1,4-Difluorobenzene (Surr)	85		70 - 130	02/02/22 10:53	02/03/22 02:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (5')

Lab Sample ID: 880-10875-6

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/02/22 11:09	02/03/22 01:11	1
o-Terphenyl	77		70 - 130				02/02/22 11:09	02/03/22 01:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	809		49.9		mg/Kg			02/03/22 15:59	10

Client Sample ID: T-1 (6')

Lab Sample ID: 880-10875-7

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 02:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/02/22 10:53	02/03/22 02:52	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		02/02/22 10:53	02/03/22 02:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/02/22 10:53	02/03/22 02:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/02/22 10:53	02/03/22 02:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/02/22 10:53	02/03/22 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/02/22 10:53	02/03/22 02:52	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/02/22 10:53	02/03/22 02:52	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 01:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (6')

Lab Sample ID: 880-10875-7

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:09	02/03/22 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/02/22 11:09	02/03/22 01:31	1
o-Terphenyl	79		70 - 130				02/02/22 11:09	02/03/22 01:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.5		5.00		mg/Kg			02/04/22 11:55	1

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

Lab Sample ID: 880-10875-8

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 03:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 03:12	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 03:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 03:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 03:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 03:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/02/22 10:53	02/03/22 03:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/02/22 10:53	02/03/22 03:12	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 01:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 01:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/02/22 11:09	02/03/22 01:52	1
o-Terphenyl	81		70 - 130				02/02/22 11:09	02/03/22 01:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13000		100		mg/Kg			02/03/22 16:11	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-2 (1')

Lab Sample ID: 880-10875-9

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 03:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 03:33	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 03:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 03:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 03:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/02/22 10:53	02/03/22 03:33	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/02/22 10:53	02/03/22 03:33	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 02:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 02:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	150	S1+	70 - 130	02/02/22 11:09	02/03/22 02:13	1
o-Terphenyl	168	S1+	70 - 130	02/02/22 11:09	02/03/22 02:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1510		50.0		mg/Kg			02/03/22 16:17	10

Client Sample ID: T-2 (2')

Lab Sample ID: 880-10875-10

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 03:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 03:53	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 03:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 10:53	02/03/22 03:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 03:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 10:53	02/03/22 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/02/22 10:53	02/03/22 03:53	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/02/22 10:53	02/03/22 03:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-10875-10

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 02:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 02:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				02/02/22 11:09	02/03/22 02:34	1
o-Terphenyl	148	S1+	70 - 130				02/02/22 11:09	02/03/22 02:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	194		4.99		mg/Kg			02/04/22 12:01	1

Client Sample ID: T-2 (3')

Lab Sample ID: 880-10875-11

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 05:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/02/22 10:53	02/03/22 05:15	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		02/02/22 10:53	02/03/22 05:15	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/02/22 10:53	02/03/22 05:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/02/22 10:53	02/03/22 05:15	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/02/22 10:53	02/03/22 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				02/02/22 10:53	02/03/22 05:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130				02/02/22 10:53	02/03/22 05:15	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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 03:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 03:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-10875-11

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:09	02/03/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				02/02/22 11:09	02/03/22 03:15	1
o-Terphenyl	147	S1+	70 - 130				02/02/22 11:09	02/03/22 03:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		5.00		mg/Kg			02/04/22 12:07	1

Client Sample ID: T-2 (4')

Lab Sample ID: 880-10875-12

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 05:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 05:35	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 05:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 05:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 05:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 05:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/02/22 10:53	02/03/22 05:35	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/02/22 10:53	02/03/22 05:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 03:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 03:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				02/02/22 11:09	02/03/22 03:35	1
o-Terphenyl	145	S1+	70 - 130				02/02/22 11:09	02/03/22 03:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		4.99		mg/Kg			02/04/22 12:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-13

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 05:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 05:56	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 05:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 05:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 05:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 05:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/02/22 10:53	02/03/22 05:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/02/22 10:53	02/03/22 05:56	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			02/04/22 07:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	118		50.0		mg/Kg			02/03/22 11:16	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		02/02/22 11:09	02/03/22 03:55	1
Diesel Range Organics (Over C10-C28)	118		50.0		mg/Kg		02/02/22 11:09	02/03/22 03:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	02/02/22 11:09	02/03/22 03:55	1
o-Terphenyl	151	S1+	70 - 130	02/02/22 11:09	02/03/22 03:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16000		248		mg/Kg			02/03/22 16:54	50

Client Sample ID: T-3 (1')

Lab Sample ID: 880-10875-14

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 06:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/02/22 10:53	02/03/22 06:16	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		02/02/22 10:53	02/03/22 06:16	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/02/22 10:53	02/03/22 06:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/02/22 10:53	02/03/22 06:16	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/02/22 10:53	02/03/22 06:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	02/02/22 10:53	02/03/22 06:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/02/22 10:53	02/03/22 06:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (1')

Lab Sample ID: 880-10875-14

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 04:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 04:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				02/02/22 11:09	02/03/22 04:16	1
o-Terphenyl	152	S1+	70 - 130				02/02/22 11:09	02/03/22 04:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1970		50.1		mg/Kg			02/03/22 17:13	10

Client Sample ID: T-3 (2')

Lab Sample ID: 880-10875-15

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 06:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 06:36	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 06:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 06:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 06:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 06:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				02/02/22 10:53	02/03/22 06:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/02/22 10:53	02/03/22 06:36	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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 04:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 04:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (2')

Lab Sample ID: 880-10875-15

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:09	02/03/22 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				02/02/22 11:09	02/03/22 04:37	1
o-Terphenyl	75		70 - 130				02/02/22 11:09	02/03/22 04:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1620		49.7		mg/Kg			02/03/22 17:19	10

Client Sample ID: T-3 (3')

Lab Sample ID: 880-10875-16

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 06:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 06:57	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 06:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 06:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 06:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 06:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				02/02/22 10:53	02/03/22 06:57	1
1,4-Difluorobenzene (Surr)	78		70 - 130				02/02/22 10:53	02/03/22 06:57	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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 04:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 04:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				02/02/22 11:09	02/03/22 04:58	1
o-Terphenyl	72		70 - 130				02/02/22 11:09	02/03/22 04:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6500		99.6		mg/Kg			02/03/22 17:25	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (4')

Lab Sample ID: 880-10875-17

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 07:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 07:17	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 07:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 07:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 07:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 07:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/02/22 10:53	02/03/22 07:17	1
1,4-Difluorobenzene (Surr)	75		70 - 130	02/02/22 10:53	02/03/22 07:17	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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 05:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 05:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	02/02/22 11:09	02/03/22 05:18	1
o-Terphenyl	77		70 - 130	02/02/22 11:09	02/03/22 05:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5300		99.0		mg/Kg			02/03/22 17:31	20

Client Sample ID: T-3 (5')

Lab Sample ID: 880-10875-18

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 07:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 07:38	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 07:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/02/22 10:53	02/03/22 07:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 07:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/02/22 10:53	02/03/22 07:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/02/22 10:53	02/03/22 07:38	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/02/22 10:53	02/03/22 07:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (5')

Lab Sample ID: 880-10875-18

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 05:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 05:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				02/02/22 11:09	02/03/22 05:38	1
o-Terphenyl	75		70 - 130				02/02/22 11:09	02/03/22 05:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4380		99.8		mg/Kg			02/03/22 17:37	20

Client Sample ID: T-3 (6')

Lab Sample ID: 880-10875-19

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 07:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 07:58	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		02/02/22 10:53	02/03/22 07:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 07:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 07:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 10:53	02/03/22 07:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/02/22 10:53	02/03/22 07:58	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/02/22 10:53	02/03/22 07:58	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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 05:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:09	02/03/22 05:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (6')

Lab Sample ID: 880-10875-19

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:09	02/03/22 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/02/22 11:09	02/03/22 05:58	1
o-Terphenyl	75		70 - 130				02/02/22 11:09	02/03/22 05:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3010		50.0		mg/Kg			02/03/22 17:43	10

Client Sample ID: T-3 (7')

Lab Sample ID: 880-10875-20

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 10:53	02/03/22 08:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 08:18	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/02/22 10:53	02/03/22 08:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 08:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 10:53	02/03/22 08:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 10:53	02/03/22 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/02/22 10:53	02/03/22 08:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/02/22 10:53	02/03/22 08:18	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			02/04/22 07:42	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			02/03/22 11:16	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		02/02/22 11:09	02/03/22 06:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 06:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/03/22 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				02/02/22 11:09	02/03/22 06:18	1
o-Terphenyl	72		70 - 130				02/02/22 11:09	02/03/22 06:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.0		5.04		mg/Kg			02/04/22 12:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-10875-21

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1 *-	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:08	1
Toluene	<0.00200	U F2 F1 *-	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:08	1
Ethylbenzene	<0.00200	U F2 F1 *-	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:08	1
m-Xylene & p-Xylene	<0.00399	U F1 *-	0.00399		mg/Kg		02/02/22 11:10	02/03/22 13:08	1
o-Xylene	<0.00200	U F1 *-	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:08	1
Xylenes, Total	<0.00399	U F1 *-	0.00399		mg/Kg		02/02/22 11:10	02/03/22 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/02/22 11:10	02/03/22 13:08	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/02/22 11:10	02/03/22 13:08	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/02/22 22:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/02/22 22:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/02/22 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	02/02/22 11:15	02/02/22 22:45	1
o-Terphenyl	107		70 - 130	02/02/22 11:15	02/02/22 22:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22600	F1	248		mg/Kg			02/04/22 13:21	50

Client Sample ID: T-4 (1')

Lab Sample ID: 880-10875-22

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 13:29	1
Toluene	<0.00199	U *-	0.00199		mg/Kg		02/02/22 11:10	02/03/22 13:29	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		02/02/22 11:10	02/03/22 13:29	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		02/02/22 11:10	02/03/22 13:29	1
o-Xylene	<0.00199	U *-	0.00199		mg/Kg		02/02/22 11:10	02/03/22 13:29	1
Xylenes, Total	<0.00398	U *-	0.00398		mg/Kg		02/02/22 11:10	02/03/22 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/02/22 11:10	02/03/22 13:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/02/22 11:10	02/03/22 13:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (1')

Lab Sample ID: 880-10875-22

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/02/22 23:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/02/22 23:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/02/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/02/22 11:15	02/02/22 23:48	1
o-Terphenyl	86		70 - 130				02/02/22 11:15	02/02/22 23:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5070		50.0		mg/Kg			02/04/22 13:40	10

Client Sample ID: T-4 (2')

Lab Sample ID: 880-10875-23

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 13:49	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:49	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:49	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 13:49	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 13:49	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/02/22 11:10	02/03/22 13:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/02/22 11:10	02/03/22 13:49	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 00:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/03/22 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (2')

Lab Sample ID: 880-10875-23

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:15	02/03/22 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/02/22 11:15	02/03/22 00:09	1
o-Terphenyl	97		70 - 130				02/02/22 11:15	02/03/22 00:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		4.97		mg/Kg			02/04/22 13:46	1

Client Sample ID: T-4 (3')

Lab Sample ID: 880-10875-24

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 14:09	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 14:09	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 14:09	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		02/02/22 11:10	02/03/22 14:09	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 14:09	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		02/02/22 11:10	02/03/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				02/02/22 11:10	02/03/22 14:09	1
1,4-Difluorobenzene (Surr)	83		70 - 130				02/02/22 11:10	02/03/22 14:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 00:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 00:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				02/02/22 11:15	02/03/22 00:29	1
o-Terphenyl	81		70 - 130				02/02/22 11:15	02/03/22 00:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3690		49.8		mg/Kg			02/04/22 13:52	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (4')

Lab Sample ID: 880-10875-25

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 14:30	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 14:30	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 14:30	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 14:30	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 14:30	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	02/02/22 11:10	02/03/22 14:30	1
1,4-Difluorobenzene (Surr)	71		70 - 130	02/02/22 11:10	02/03/22 14:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 00:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 00:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	02/02/22 11:15	02/03/22 00:50	1
o-Terphenyl	86		70 - 130	02/02/22 11:15	02/03/22 00:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3140		49.9		mg/Kg			02/04/22 13:58	10

Client Sample ID: T-4 (5')

Lab Sample ID: 880-10875-26

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 14:50	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 14:50	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 14:50	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 14:50	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 14:50	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/02/22 11:10	02/03/22 14:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/02/22 11:10	02/03/22 14:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (5')

Lab Sample ID: 880-10875-26

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/03/22 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/03/22 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				02/02/22 11:15	02/03/22 01:11	1
o-Terphenyl	106		70 - 130				02/02/22 11:15	02/03/22 01:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4180		50.0		mg/Kg			02/04/22 14:17	10

Client Sample ID: T-4 (6')

Lab Sample ID: 880-10875-27

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 15:11	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 15:11	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 15:11	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 15:11	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 15:11	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				02/02/22 11:10	02/03/22 15:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/02/22 11:10	02/03/22 15:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 01:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (6')

Lab Sample ID: 880-10875-27

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:15	02/03/22 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				02/02/22 11:15	02/03/22 01:31	1
o-Terphenyl	95		70 - 130				02/02/22 11:15	02/03/22 01:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		49.8		mg/Kg			02/04/22 14:23	10

Client Sample ID: T-4 (7')

Lab Sample ID: 880-10875-28

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 15:31	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 15:31	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 15:31	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 15:31	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 15:31	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/02/22 11:10	02/03/22 15:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/02/22 11:10	02/03/22 15:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 01:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 01:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/02/22 11:15	02/03/22 01:52	1
o-Terphenyl	100		70 - 130				02/02/22 11:15	02/03/22 01:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.6		5.05		mg/Kg			02/04/22 14:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-10875-29

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 15:52	1
Toluene	<0.00198	U *	0.00198		mg/Kg		02/02/22 11:10	02/03/22 15:52	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		02/02/22 11:10	02/03/22 15:52	1
m-Xylene & p-Xylene	<0.00397	U *	0.00397		mg/Kg		02/02/22 11:10	02/03/22 15:52	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		02/02/22 11:10	02/03/22 15:52	1
Xylenes, Total	<0.00397	U *	0.00397		mg/Kg		02/02/22 11:10	02/03/22 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	02/02/22 11:10	02/03/22 15:52	1
1,4-Difluorobenzene (Surr)	117		70 - 130	02/02/22 11:10	02/03/22 15:52	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			02/04/22 07:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.9		50.0		mg/Kg			02/03/22 10:55	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	52.9		50.0		mg/Kg		02/02/22 11:15	02/03/22 02:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 02:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				02/02/22 11:15	02/03/22 02:13	1
o-Terphenyl	99		70 - 130				02/02/22 11:15	02/03/22 02:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25000		253		mg/Kg			02/04/22 14:35	50

Client Sample ID: T-5 (1')

Lab Sample ID: 880-10875-30

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 16:12	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 16:12	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 16:12	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 16:12	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 16:12	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/02/22 11:10	02/03/22 16:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/02/22 11:10	02/03/22 16:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (1')

Lab Sample ID: 880-10875-30

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 02:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/03/22 02:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/03/22 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				02/02/22 11:15	02/03/22 02:34	1
o-Terphenyl	84		70 - 130				02/02/22 11:15	02/03/22 02:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7480		49.8		mg/Kg			02/04/22 14:42	10

Client Sample ID: T-5 (2')

Lab Sample ID: 880-10875-31

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 18:03	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 18:03	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 18:03	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 18:03	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 18:03	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130				02/02/22 11:10	02/03/22 18:03	1
1,4-Difluorobenzene (Surr)	106		70 - 130				02/02/22 11:10	02/03/22 18:03	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 03:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 03:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (2')

Lab Sample ID: 880-10875-31

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:15	02/03/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				02/02/22 11:15	02/03/22 03:15	1
o-Terphenyl	95		70 - 130				02/02/22 11:15	02/03/22 03:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7680	F1	50.0		mg/Kg			02/04/22 14:48	10

Client Sample ID: T-5 (3')

Lab Sample ID: 880-10875-32

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 18:23	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 18:23	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 18:23	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 18:23	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 18:23	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/02/22 11:10	02/03/22 18:23	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/02/22 11:10	02/03/22 18:23	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 03:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 03:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				02/02/22 11:15	02/03/22 03:35	1
o-Terphenyl	96		70 - 130				02/02/22 11:15	02/03/22 03:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3640		49.5		mg/Kg			02/04/22 15:06	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (4')

Lab Sample ID: 880-10875-33

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 18:44	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 18:44	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 18:44	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 18:44	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 18:44	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	02/02/22 11:10	02/03/22 18:44	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/02/22 11:10	02/03/22 18:44	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 03:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 03:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	02/02/22 11:15	02/03/22 03:55	1
o-Terphenyl	94		70 - 130	02/02/22 11:15	02/03/22 03:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3320		50.4		mg/Kg			02/04/22 15:12	10

Client Sample ID: T-5 (5')

Lab Sample ID: 880-10875-34

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 19:04	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 19:04	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 19:04	1
m-Xylene & p-Xylene	<0.00400	U *	0.00400		mg/Kg		02/02/22 11:10	02/03/22 19:04	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 19:04	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		02/02/22 11:10	02/03/22 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	02/02/22 11:10	02/03/22 19:04	1
1,4-Difluorobenzene (Surr)	124		70 - 130	02/02/22 11:10	02/03/22 19:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (5')

Lab Sample ID: 880-10875-34

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 04:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 04:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				02/02/22 11:15	02/03/22 04:16	1
o-Terphenyl	97		70 - 130				02/02/22 11:15	02/03/22 04:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		49.7		mg/Kg			02/04/22 15:31	10

Client Sample ID: T-5 (6')

Lab Sample ID: 880-10875-35

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 19:24	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 19:24	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 19:24	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 19:24	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 19:24	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				02/02/22 11:10	02/03/22 19:24	1
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130				02/02/22 11:10	02/03/22 19:24	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 04:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 04:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (6')

Lab Sample ID: 880-10875-35

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:15	02/03/22 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/02/22 11:15	02/03/22 04:37	1
o-Terphenyl	100		70 - 130				02/02/22 11:15	02/03/22 04:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.2		4.98		mg/Kg			02/04/22 15:37	1

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-10875-36

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 19:45	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 19:45	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 19:45	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 19:45	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 19:45	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				02/02/22 11:10	02/03/22 19:45	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/02/22 11:10	02/03/22 19:45	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 04:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 04:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				02/02/22 11:15	02/03/22 04:58	1
o-Terphenyl	101		70 - 130				02/02/22 11:15	02/03/22 04:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5340		99.0		mg/Kg			02/04/22 15:43	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-6 (1')

Lab Sample ID: 880-10875-37

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 20:05	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 20:05	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 20:05	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 20:05	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 20:05	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	02/02/22 11:10	02/03/22 20:05	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/02/22 11:10	02/03/22 20:05	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 05:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 05:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	02/02/22 11:15	02/03/22 05:18	1
o-Terphenyl	96		70 - 130	02/02/22 11:15	02/03/22 05:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	756		4.99		mg/Kg			02/04/22 15:49	1

Client Sample ID: T-6 (2')

Lab Sample ID: 880-10875-38

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 20:26	1
Toluene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 20:26	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 20:26	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 20:26	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		02/02/22 11:10	02/03/22 20:26	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/02/22 11:10	02/03/22 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/02/22 11:10	02/03/22 20:26	1
1,4-Difluorobenzene (Surr)	145	S1+	70 - 130	02/02/22 11:10	02/03/22 20:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-6 (2')

Lab Sample ID: 880-10875-38

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 05:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 05:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 05:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/02/22 11:15	02/03/22 05:38	1
o-Terphenyl	85		70 - 130				02/02/22 11:15	02/03/22 05:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.7		5.05		mg/Kg			02/04/22 15:55	1

Client Sample ID: T-6 (3')

Lab Sample ID: 880-10875-39

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 20:46	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 20:46	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 20:46	1
m-Xylene & p-Xylene	<0.00400	U *	0.00400		mg/Kg		02/02/22 11:10	02/03/22 20:46	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 20:46	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		02/02/22 11:10	02/03/22 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				02/02/22 11:10	02/03/22 20:46	1
1,4-Difluorobenzene (Surr)	74		70 - 130				02/02/22 11:10	02/03/22 20:46	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 05:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:15	02/03/22 05:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-6 (3')

Lab Sample ID: 880-10875-39

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:15	02/03/22 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/02/22 11:15	02/03/22 05:58	1
o-Terphenyl	84		70 - 130				02/02/22 11:15	02/03/22 05:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		4.97		mg/Kg			02/04/22 16:02	1

Client Sample ID: T-6 (4')

Lab Sample ID: 880-10875-40

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:10	02/03/22 21:07	1
Toluene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 21:07	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 21:07	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 21:07	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		02/02/22 11:10	02/03/22 21:07	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/02/22 11:10	02/03/22 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				02/02/22 11:10	02/03/22 21:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/02/22 11:10	02/03/22 21:07	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			02/04/22 07:42	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			02/03/22 10:55	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		02/02/22 11:15	02/03/22 06:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 06:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/03/22 06:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				02/02/22 11:15	02/03/22 06:18	1
o-Terphenyl	93		70 - 130				02/02/22 11:15	02/03/22 06:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.27		5.04		mg/Kg			02/04/22 16:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-10875-41

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 05:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:20	02/03/22 05:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:20	02/03/22 05:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:20	02/03/22 05:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:20	02/03/22 05:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:20	02/03/22 05:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/02/22 11:20	02/03/22 05:39	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/02/22 11:20	02/03/22 05:39	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 10:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 10:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 10:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	02/02/22 11:18	02/03/22 10:17	1
o-Terphenyl	80		70 - 130	02/02/22 11:18	02/03/22 10:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20000		99.2		mg/Kg			02/03/22 22:03	20

Client Sample ID: T-7 (1')

Lab Sample ID: 880-10875-42

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 06:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 06:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 06:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/02/22 11:20	02/03/22 06:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 06:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/02/22 11:20	02/03/22 06:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	02/02/22 11:20	02/03/22 06:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/02/22 11:20	02/03/22 06:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-7 (1')

Lab Sample ID: 880-10875-42

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 11:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 11:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 11:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				02/02/22 11:18	02/03/22 11:22	1
o-Terphenyl	98		70 - 130				02/02/22 11:18	02/03/22 11:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		50.5		mg/Kg			02/03/22 22:10	10

Client Sample ID: T-7 (2')

Lab Sample ID: 880-10875-43

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 06:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:20	02/03/22 06:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:20	02/03/22 06:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/02/22 11:20	02/03/22 06:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/02/22 11:20	02/03/22 06:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/02/22 11:20	02/03/22 06:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				02/02/22 11:20	02/03/22 06:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130				02/02/22 11:20	02/03/22 06:31	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 11:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 11:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-7 (2')

Lab Sample ID: 880-10875-43

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:18	02/03/22 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				02/02/22 11:18	02/03/22 11:44	1
o-Terphenyl	81		70 - 130				02/02/22 11:18	02/03/22 11:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	695		49.8		mg/Kg			02/03/22 22:33	10

Client Sample ID: T-7 (3')

Lab Sample ID: 880-10875-44

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 06:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 06:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 06:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:20	02/03/22 06:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 06:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:20	02/03/22 06:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				02/02/22 11:20	02/03/22 06:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/02/22 11:20	02/03/22 06:59	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 12:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 12:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/02/22 11:18	02/03/22 12:05	1
o-Terphenyl	82		70 - 130				02/02/22 11:18	02/03/22 12:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			02/04/22 11:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-7 (4')

Lab Sample ID: 880-10875-45

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 09:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:20	02/03/22 09:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:20	02/03/22 09:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/02/22 11:20	02/03/22 09:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/02/22 11:20	02/03/22 09:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/02/22 11:20	02/03/22 09:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	02/02/22 11:20	02/03/22 09:42	1
1,4-Difluorobenzene (Surr)	6	S1-	70 - 130	02/02/22 11:20	02/03/22 09:42	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 12:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 12:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/02/22 11:18	02/03/22 12:27	1
o-Terphenyl	80		70 - 130	02/02/22 11:18	02/03/22 12:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.80		4.97		mg/Kg			02/04/22 12:04	1

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-10875-46

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 10:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 10:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 10:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/02/22 11:20	02/03/22 10:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 10:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/02/22 11:20	02/03/22 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	02/02/22 11:20	02/03/22 10:10	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/02/22 11:20	02/03/22 10:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-10875-46

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 12:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 12:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/22 11:18	02/03/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/02/22 11:18	02/03/22 12:49	1
o-Terphenyl	78		70 - 130				02/02/22 11:18	02/03/22 12:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24400		248		mg/Kg			02/03/22 22:55	50

Client Sample ID: T-8 (1')

Lab Sample ID: 880-10875-47

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:20	02/03/22 10:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 10:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 10:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 11:20	02/03/22 10:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:20	02/03/22 10:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 11:20	02/03/22 10:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				02/02/22 11:20	02/03/22 10:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/02/22 11:20	02/03/22 10:37	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 13:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 13:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-8 (1')

Lab Sample ID: 880-10875-47

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/02/22 11:18	02/03/22 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				02/02/22 11:18	02/03/22 13:10	1
o-Terphenyl	84		70 - 130				02/02/22 11:18	02/03/22 13:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		49.5		mg/Kg			02/03/22 23:03	10

Client Sample ID: T-8 (2')

Lab Sample ID: 880-10875-48

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:36	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:36	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:36	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		02/03/22 09:00	02/03/22 22:36	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:36	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		02/03/22 09:00	02/03/22 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				02/03/22 09:00	02/03/22 22:36	1
1,4-Difluorobenzene (Surr)	83		70 - 130				02/03/22 09:00	02/03/22 22:36	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 13:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 13:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/02/22 11:18	02/03/22 13:32	1
o-Terphenyl	76		70 - 130				02/02/22 11:18	02/03/22 13:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.00		mg/Kg			02/04/22 12:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-8 (3')

Lab Sample ID: 880-10875-49

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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		02/03/22 09:00	02/03/22 22:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/22 09:00	02/03/22 22:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/22 09:00	02/03/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	02/03/22 09:00	02/03/22 22:56	1
1,4-Difluorobenzene (Surr)	74		70 - 130	02/03/22 09:00	02/03/22 22:56	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			02/04/22 14:16	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			02/03/22 11:16	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		02/02/22 11:18	02/03/22 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	02/02/22 11:18	02/03/22 13:53	1
o-Terphenyl	79		70 - 130	02/02/22 11:18	02/03/22 13:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.5		5.01		mg/Kg			02/04/22 12:19	1

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
 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)
880-10855-A-1-A MS	Matrix Spike	153 S1+	89
880-10855-A-1-B MSD	Matrix Spike Duplicate	129	75
880-10875-1	T-1 (0-1')	95	97
880-10875-1 MS	T-1 (0-1')	106	89
880-10875-1 MSD	T-1 (0-1')	127	50 S1-
880-10875-2	T-1 (1')	116	100
880-10875-3	T-1 (2')	121	87
880-10875-4	T-1 (3')	128	99
880-10875-5	T-1 (4')	125	112
880-10875-6	T-1 (5')	103	85
880-10875-7	T-1 (6')	118	103
880-10875-8	T-2 (0-1')	115	99
880-10875-9	T-2 (1')	109	79
880-10875-10	T-2 (2')	131 S1+	88
880-10875-11	T-2 (3')	125	86
880-10875-12	T-2 (4')	107	89
880-10875-13	T-3 (0-1')	116	98
880-10875-14	T-3 (1')	114	91
880-10875-15	T-3 (2')	123	98
880-10875-16	T-3 (3')	147 S1+	78
880-10875-17	T-3 (4')	119	75
880-10875-18	T-3 (5')	131 S1+	86
880-10875-19	T-3 (6')	130	108
880-10875-20	T-3 (7')	106	99
880-10875-21	T-4 (0-1')	113	110
880-10875-21 MS	T-4 (0-1')	155 S1+	128
880-10875-21 MSD	T-4 (0-1')	108	81
880-10875-22	T-4 (1')	126	100
880-10875-23	T-4 (2')	115	102
880-10875-24	T-4 (3')	98	83
880-10875-25	T-4 (4')	84	71
880-10875-26	T-4 (5')	96	101
880-10875-27	T-4 (6')	89	90
880-10875-28	T-4 (7')	108	98
880-10875-29	T-5 (0-1')	131 S1+	117
880-10875-30	T-5 (1')	121	95
880-10875-31	T-5 (2')	149 S1+	106
880-10875-32	T-5 (3')	108	85
880-10875-33	T-5 (4')	85	95
880-10875-34	T-5 (5')	137 S1+	124
880-10875-35	T-5 (6')	155 S1+	133 S1+
880-10875-36	T-6 (0-1')	126	113
880-10875-37	T-6 (1')	122	94
880-10875-38	T-6 (2')	93	145 S1+
880-10875-39	T-6 (3')	131 S1+	74
880-10875-40	T-6 (4')	142 S1+	100
880-10875-41	T-7 (0-1')	111	81
880-10875-42	T-7 (1')	144 S1+	102
880-10875-43	T-7 (2')	140 S1+	94

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-10875-1

Project/Site: Copperhead Fee (1.14.22)

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)
880-10875-44	T-7 (3')	155 S1+	97
880-10875-45	T-7 (4')	167 S1+	6 S1-
880-10875-46	T-8 (0-1')	116	88
880-10875-47	T-8 (1')	144 S1+	95
880-10875-48	T-8 (2')	123	83
880-10875-48 MS	T-8 (2')	118	99
880-10875-48 MSD	T-8 (2')	128	96
880-10875-49	T-8 (3')	113	74
LCS 880-18311/1-A	Lab Control Sample	120	110
LCS 880-18347/1-A	Lab Control Sample	103	102
LCS 880-18349/1-A	Lab Control Sample	130	102
LCS 880-18361/1-A	Lab Control Sample	115	104
LCSD 880-18311/2-A	Lab Control Sample Dup	109	106
LCSD 880-18347/2-A	Lab Control Sample Dup	100	97
LCSD 880-18349/2-A	Lab Control Sample Dup	116	97
LCSD 880-18361/2-A	Lab Control Sample Dup	119	102
MB 880-18258/5-A	Method Blank	97	79
MB 880-18311/5-A	Method Blank	100	76
MB 880-18347/5-A	Method Blank	99	100
MB 880-18349/5-A	Method Blank	120	104
MB 880-18357/5-A	Method Blank	121	101
MB 880-18361/5-A	Method Blank	109	105
MB 880-18370/8	Method Blank	98	75
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)
880-10875-1	T-1 (0-1')	66 S1-	75
880-10875-1 MS	T-1 (0-1')	59 S1-	61 S1-
880-10875-1 MSD	T-1 (0-1')	60 S1-	62 S1-
880-10875-2	T-1 (1')	72	82
880-10875-3	T-1 (2')	70	80
880-10875-4	T-1 (3')	71	81
880-10875-5	T-1 (4')	70	80
880-10875-6	T-1 (5')	69 S1-	77
880-10875-7	T-1 (6')	69 S1-	79
880-10875-8	T-2 (0-1')	70	81
880-10875-9	T-2 (1')	150 S1+	168 S1+
880-10875-10	T-2 (2')	132 S1+	148 S1+
880-10875-11	T-2 (3')	131 S1+	147 S1+
880-10875-12	T-2 (4')	132 S1+	145 S1+
880-10875-13	T-3 (0-1')	133 S1+	151 S1+
880-10875-14	T-3 (1')	134 S1+	152 S1+
880-10875-15	T-3 (2')	66 S1-	75

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-10875-1

Project/Site: Copperhead Fee (1.14.22)

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)
880-10875-16	T-3 (3')	64 S1-	72
880-10875-17	T-3 (4')	68 S1-	77
880-10875-18	T-3 (5')	66 S1-	75
880-10875-19	T-3 (6')	65 S1-	75
880-10875-20	T-3 (7')	64 S1-	72
880-10875-21	T-4 (0-1')	94	107
880-10875-21 MS	T-4 (0-1')	87	85
880-10875-21 MSD	T-4 (0-1')	78	74
880-10875-22	T-4 (1')	76	86
880-10875-23	T-4 (2')	87	97
880-10875-24	T-4 (3')	74	81
880-10875-25	T-4 (4')	76	86
880-10875-26	T-4 (5')	95	106
880-10875-27	T-4 (6')	85	95
880-10875-28	T-4 (7')	91	100
880-10875-29	T-5 (0-1')	87	99
880-10875-30	T-5 (1')	76	84
880-10875-31	T-5 (2')	85	95
880-10875-32	T-5 (3')	85	96
880-10875-33	T-5 (4')	84	94
880-10875-34	T-5 (5')	88	97
880-10875-35	T-5 (6')	90	100
880-10875-36	T-6 (0-1')	90	101
880-10875-37	T-6 (1')	87	96
880-10875-38	T-6 (2')	75	85
880-10875-39	T-6 (3')	73	84
880-10875-40	T-6 (4')	83	93
880-10875-41	T-7 (0-1')	79	80
880-10875-41 MS	T-7 (0-1')	76	69 S1-
880-10875-41 MSD	T-7 (0-1')	78	70
880-10875-42	T-7 (1')	97	98
880-10875-43	T-7 (2')	81	81
880-10875-44	T-7 (3')	79	82
880-10875-45	T-7 (4')	80	80
880-10875-46	T-8 (0-1')	78	78
880-10875-47	T-8 (1')	84	84
880-10875-48	T-8 (2')	79	76
880-10875-49	T-8 (3')	80	79
LCS 880-18348/2-A	Lab Control Sample	85	89
LCS 880-18351/2-A	Lab Control Sample	111	109
LCSD 880-18348/3-A	Lab Control Sample Dup	85	90
LCSD 880-18351/3-A	Lab Control Sample Dup	109	107
MB 880-18348/1-A	Method Blank	68 S1-	79
MB 880-18351/1-A	Method Blank	87	100

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-10875-1

Project/Site: Copperhead Fee (1.14.22)

SDG: Eddy Co NM

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	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-18352/2-A	Lab Control Sample	84	75
LCSD 880-18352/3-A	Lab Control Sample Dup	90	91
MB 880-18352/1-A	Method Blank	81	85
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18258/5-A

Matrix: Solid

Analysis Batch: 18331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 08:00	02/02/22 11:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 08:00	02/02/22 11:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 08:00	02/02/22 11:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 08:00	02/02/22 11:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 08:00	02/02/22 11:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 08:00	02/02/22 11:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/02/22 08:00	02/02/22 11:12	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/02/22 08:00	02/02/22 11:12	1

Lab Sample ID: MB 880-18311/5-A

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 09:00	02/03/22 03:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 09:00	02/03/22 03:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 09:00	02/03/22 03:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 09:00	02/03/22 03:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 09:00	02/03/22 03:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 09:00	02/03/22 03:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/02/22 09:00	02/03/22 03:26	1
1,4-Difluorobenzene (Surr)	76		70 - 130	02/02/22 09:00	02/03/22 03:26	1

Lab Sample ID: LCS 880-18311/1-A

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07175		mg/Kg		72	70 - 130
Toluene	0.100	0.07015		mg/Kg		70	70 - 130
Ethylbenzene	0.100	0.07531		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1471		mg/Kg		74	70 - 130
o-Xylene	0.100	0.07606		mg/Kg		76	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-18311/2-A

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.07215		mg/Kg		72	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-18311/2-A

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.07294		mg/Kg		73	70 - 130	4	35
Ethylbenzene	0.100	0.07669		mg/Kg		77	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1456		mg/Kg		73	70 - 130	1	35
o-Xylene	0.100	0.07279		mg/Kg		73	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-10855-A-1-A MS

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F2 F1	0.0998	0.01367	F1	mg/Kg		14	70 - 130
Toluene	<0.00199	U F2 F1	0.0998	0.01640	F1	mg/Kg		16	70 - 130
Ethylbenzene	<0.00199	U F1	0.0998	0.01815	F1	mg/Kg		18	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.03909	F1	mg/Kg		19	70 - 130
o-Xylene	<0.00199	U F1	0.0998	0.01752	F1	mg/Kg		17	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-10855-A-1-B MSD

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F2 F1	0.100	0.02579	F2 F1	mg/Kg		26	70 - 130	61	35
Toluene	<0.00199	U F2 F1	0.100	0.02487	F2 F1	mg/Kg		24	70 - 130	41	35
Ethylbenzene	<0.00199	U F1	0.100	0.01565	F1	mg/Kg		16	70 - 130	15	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.03520	F1	mg/Kg		17	70 - 130	10	35
o-Xylene	<0.00199	U F1	0.100	0.01861	F1	mg/Kg		18	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	75		70 - 130

Lab Sample ID: MB 880-18347/5-A

Matrix: Solid

Analysis Batch: 18331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 10:53	02/03/22 00:28	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-18347/5-A

Matrix: Solid

Analysis Batch: 18331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 10:53	02/03/22 00:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 10:53	02/03/22 00:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/02/22 10:53	02/03/22 00:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/02/22 10:53	02/03/22 00:28	1

Lab Sample ID: LCS 880-18347/1-A

Matrix: Solid

Analysis Batch: 18331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08144		mg/Kg		81	70 - 130
Toluene	0.100	0.07536		mg/Kg		75	70 - 130
Ethylbenzene	0.100	0.07643		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1556		mg/Kg		78	70 - 130
o-Xylene	0.100	0.07891		mg/Kg		79	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	103		70 - 130				
1,4-Difluorobenzene (Surr)	102		70 - 130				

Lab Sample ID: LCSD 880-18347/2-A

Matrix: Solid

Analysis Batch: 18331

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18347

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08513		mg/Kg		85	70 - 130	4	35
Toluene	0.100	0.07892		mg/Kg		79	70 - 130	5	35
Ethylbenzene	0.100	0.07974	*1	mg/Kg		80	70 - 130	79	35
m-Xylene & p-Xylene	0.200	0.1633		mg/Kg		82	70 - 130	5	35
o-Xylene	0.100	0.08350		mg/Kg		84	70 - 130	6	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-10875-1 MS

Matrix: Solid

Analysis Batch: 18331

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

Prep Type: Total/NA

Prep Batch: 18347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.07504		mg/Kg		74	70 - 130
Toluene	<0.00200	U F1	0.0998	0.05804	F1	mg/Kg		57	70 - 130
Ethylbenzene	0.00313	F2 F1 *- *1	0.0998	0.05205	F1	mg/Kg		49	70 - 130
m-Xylene & p-Xylene	0.00415	F1	0.200	0.1037	F1	mg/Kg		50	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.04585	F1	mg/Kg		45	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-1 MS

Matrix: Solid

Analysis Batch: 18331

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

Prep Type: Total/NA

Prep Batch: 18347

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-10875-1 MSD

Matrix: Solid

Analysis Batch: 18331

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

Prep Type: Total/NA

Prep Batch: 18347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.05505	F1	mg/Kg		54	70 - 130	31	35
Toluene	<0.00200	U F1	0.100	0.05409	F1	mg/Kg		52	70 - 130	7	35
Ethylbenzene	0.00313	F2 F1 *- *1	0.100	0.03245	F2 F1	mg/Kg		29	70 - 130	46	35
m-Xylene & p-Xylene	0.00415	F1	0.200	0.07678	F1	mg/Kg		36	70 - 130	30	35
o-Xylene	<0.00200	U F1	0.100	0.04843	F1	mg/Kg		48	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	127		70 - 130								
1,4-Difluorobenzene (Surr)	50	S1-	70 - 130								

Lab Sample ID: MB 880-18349/5-A

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:10	02/03/22 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:10	02/03/22 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:10	02/03/22 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 11:10	02/03/22 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:10	02/03/22 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 11:10	02/03/22 12:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				02/02/22 11:10	02/03/22 12:39	1
1,4-Difluorobenzene (Surr)	104		70 - 130				02/02/22 11:10	02/03/22 12:39	1

Lab Sample ID: LCS 880-18349/1-A

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07300		mg/Kg		73	70 - 130
Toluene	0.100	0.07096		mg/Kg		71	70 - 130
Ethylbenzene	0.100	0.07514		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1429		mg/Kg		71	70 - 130
o-Xylene	0.100	0.07352		mg/Kg		74	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	130		70 - 130				

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-18349/1-A

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18349

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

Lab Sample ID: LCSD 880-18349/2-A

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18349

	LCS	LCS							%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.07034		mg/Kg		70	70 - 130	25	35		
Toluene	0.100	0.07987		mg/Kg		80	70 - 130	24	35		
Ethylbenzene	0.100	0.07694		mg/Kg		77	70 - 130	15	35		
m-Xylene & p-Xylene	0.200	0.1558		mg/Kg		78	70 - 130	21	35		
o-Xylene	0.100	0.08198		mg/Kg		82	70 - 130	23	35		

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-10875-21 MS

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 18349

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F2 F1 *-	0.0998	0.004707	F1	mg/Kg		5	70 - 130		
Toluene	<0.00200	U F2 F1 *-	0.0998	0.02761	F1	mg/Kg		28	70 - 130		
Ethylbenzene	<0.00200	U F2 F1 *-	0.0998	0.01520	F1	mg/Kg		15	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1 *-	0.200	0.06130	F1	mg/Kg		31	70 - 130		
o-Xylene	<0.00200	U F1 *-	0.0998	0.04793	F1	mg/Kg		48	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130
1,4-Difluorobenzene (Surr)	128		70 - 130

Lab Sample ID: 880-10875-21 MSD

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 18349

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F2 F1 *-	0.101	0.04124	F2 F1	mg/Kg		41	70 - 130	159	35
Toluene	<0.00200	U F2 F1 *-	0.101	0.04123	F2 F1	mg/Kg		41	70 - 130	40	35
Ethylbenzene	<0.00200	U F2 F1 *-	0.101	0.04293	F2 F1	mg/Kg		43	70 - 130	95	35
m-Xylene & p-Xylene	<0.00399	U F1 *-	0.202	0.07780	F1	mg/Kg		39	70 - 130	24	35
o-Xylene	<0.00200	U F1 *-	0.101	0.04376	F1	mg/Kg		43	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-18357/5-A

Matrix: Solid

Analysis Batch: 18332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/02/22 11:37	02/03/22 01:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/02/22 11:37	02/03/22 01:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/02/22 11:37	02/03/22 01:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130	02/02/22 11:37	02/03/22 01:02	1

Lab Sample ID: MB 880-18361/5-A

Matrix: Solid

Analysis Batch: 18462

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/22 09:00	02/03/22 22:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/22 09:00	02/03/22 22:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/03/22 09:00	02/03/22 22:14	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/03/22 09:00	02/03/22 22:14	1

Lab Sample ID: LCS 880-18361/1-A

Matrix: Solid

Analysis Batch: 18462

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08168		mg/Kg		82	70 - 130
Toluene	0.100	0.08307		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08488		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1732		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08940		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-18361/2-A

Matrix: Solid

Analysis Batch: 18462

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.07641		mg/Kg		76	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-18361/2-A

Matrix: Solid

Analysis Batch: 18462

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.08096		mg/Kg		81	70 - 130	3	35
Ethylbenzene	0.100	0.08209		mg/Kg		82	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1694		mg/Kg		85	70 - 130	2	35
o-Xylene	0.100	0.08747		mg/Kg		87	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-10875-48 MS

Matrix: Solid

Analysis Batch: 18462

Client Sample ID: T-8 (2')

Prep Type: Total/NA

Prep Batch: 18361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.100	0.04223	F1	mg/Kg		42	70 - 130
Toluene	<0.00200	U F1	0.100	0.04381	F1	mg/Kg		44	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.04603	F1	mg/Kg		46	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.09724	F1	mg/Kg		49	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05004	F1	mg/Kg		50	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-10875-48 MSD

Matrix: Solid

Analysis Batch: 18462

Client Sample ID: T-8 (2')

Prep Type: Total/NA

Prep Batch: 18361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.03234	F1	mg/Kg		32	70 - 130	27	35
Toluene	<0.00200	U F1	0.100	0.03586	F1	mg/Kg		36	70 - 130	20	35
Ethylbenzene	<0.00200	U F1	0.100	0.03495	F1	mg/Kg		35	70 - 130	27	35
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.07455	F1	mg/Kg		37	70 - 130	26	35
o-Xylene	<0.00200	U F1	0.100	0.04331	F1	mg/Kg		43	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-18370/8

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			02/02/22 18:41	1
Toluene	<0.00200	U	0.00200		mg/Kg			02/02/22 18:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			02/02/22 18:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			02/02/22 18:41	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-18370/8

Matrix: Solid

Analysis Batch: 18370

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg			02/02/22 18:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			02/02/22 18:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130					02/02/22 18:41	1
1,4-Difluorobenzene (Surr)	75		70 - 130					02/02/22 18:41	1

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

Lab Sample ID: MB 880-18348/1-A

Matrix: Solid

Analysis Batch: 18337

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18348

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		02/02/22 11:09	02/02/22 21:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/02/22 21:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:09	02/02/22 21:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				02/02/22 11:09	02/02/22 21:39	1
o-Terphenyl	79		70 - 130				02/02/22 11:09	02/02/22 21:39	1

Lab Sample ID: LCS 880-18348/2-A

Matrix: Solid

Analysis Batch: 18337

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1000		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	962.4		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	85		70 - 130				
o-Terphenyl	89		70 - 130				

Lab Sample ID: LCSD 880-18348/3-A

Matrix: Solid

Analysis Batch: 18337

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18348

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1007		mg/Kg		101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	976.5		mg/Kg		98	70 - 130	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-18348/3-A

Matrix: Solid

Analysis Batch: 18337

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18348

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-10875-1 MS

Matrix: Solid

Analysis Batch: 18337

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

Prep Type: Total/NA

Prep Batch: 18348

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	71.2		999	1090		mg/Kg		102	70 - 130	
Diesel Range Organics (Over C10-C28)	447		999	1234		mg/Kg		79	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	59	S1-	70 - 130							
o-Terphenyl	61	S1-	70 - 130							

Lab Sample ID: 880-10875-1 MSD

Matrix: Solid

Analysis Batch: 18337

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

Prep Type: Total/NA

Prep Batch: 18348

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	71.2		999	1118		mg/Kg		105	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	447		999	1253		mg/Kg		81	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	60	S1-	70 - 130									
o-Terphenyl	62	S1-	70 - 130									

Lab Sample ID: MB 880-18351/1-A

Matrix: Solid

Analysis Batch: 18339

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18351

	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		02/02/22 11:15	02/02/22 21:39	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/02/22 21:39	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:15	02/02/22 21:39	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	87		70 - 130				02/02/22 11:15	02/02/22 21:39	1		
o-Terphenyl	100		70 - 130				02/02/22 11:15	02/02/22 21:39	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-18351/2-A

Matrix: Solid

Analysis Batch: 18339

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18351

Analyte			Spike	LCS	LCS	Unit	D	%Rec.		
			Added	Result	Qualifier			%Rec		
Gasoline Range Organics (GRO)-C6-C10			1000	952.8		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1268		mg/Kg		127	70 - 130	

Lab Sample ID: LCSD 880-18351/3-A

Matrix: Solid

Analysis Batch: 18339

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18351

Top Data: 100%										
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec.	%Rec.	RPD
			Added	Result	Qualifier			Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	923.6		mg/Kg		92	70 - 130	3
Diesel Range Organics (Over C10-C28)			1000	1265		mg/Kg		126	70 - 130	0
Bottom Data: 100%										
Surrogate	LCSD		Limits							
	%Recovery	Qualifier								
1-Chlorooctane	109		70 - 130							
o-Terphenyl	107		70 - 130							

Lab Sample ID: 880-10875-21 MS

Matrix: Solid

Analysis Batch: 18339

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 18351

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1059		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1305		mg/Kg		128	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: 880-10875-21 MSD

Matrix: Solid

Analysis Batch: 18339

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 18351

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	938.9		mg/Kg		92	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1152		mg/Kg		113	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-21 MSD

Matrix: Solid

Analysis Batch: 18339

Client Sample ID: T-4 (0-1')

Prep Type: Total/NA

Prep Batch: 18351

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	74		70 - 130

Lab Sample ID: MB 880-18352/1-A

Matrix: Solid

Analysis Batch: 18454

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18352

	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		02/02/22 11:18	02/03/22 09:12	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 09:12	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/22 11:18	02/03/22 09:12	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	81		70 - 130				02/02/22 11:18	02/03/22 09:12	1	
<i>o</i> -Terphenyl	85		70 - 130				02/02/22 11:18	02/03/22 09:12	1	

Lab Sample ID: LCS 880-18352/2-A

Matrix: Solid

Analysis Batch: 18454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18352

		Spike	LCS	LCS				%Rec.		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	832.1		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1128		mg/Kg		113	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	84		70 - 130							
<i>o</i> -Terphenyl	75		70 - 130							

Lab Sample ID: LCSD 880-18352/3-A

Matrix: Solid

Analysis Batch: 18454

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18352

		Spike	LCSD	LCSD				%Rec.		RPD
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10		1000	838.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)		1000	1127		mg/Kg		113	70 - 130	0	20
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 - 130							
<i>o</i> -Terphenyl	91		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-41 MS

Matrix: Solid

Analysis Batch: 18454

Client Sample ID: T-7 (0-1')

Prep Type: Total/NA

Prep Batch: 18352

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	787.0		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	952.6		mg/Kg		95	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	76		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: 880-10875-41 MSD

Matrix: Solid

Analysis Batch: 18454

Client Sample ID: T-7 (0-1')

Prep Type: Total/NA

Prep Batch: 18352

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	798.6		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	971.6		mg/Kg		97	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	70		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18358/1-A

Matrix: Solid

Analysis Batch: 18521

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			02/03/22 14:45	1

Lab Sample ID: LCS 880-18358/2-A

Matrix: Solid

Analysis Batch: 18521

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	230.1		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-18358/3-A

Matrix: Solid

Analysis Batch: 18521

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	253.3		mg/Kg		101	90 - 110	10	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-10875-1 MS

Matrix: Solid

Analysis Batch: 18521

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	35100	F1 F2	12400	63190	F1	mg/Kg		227	90 - 110

Lab Sample ID: 880-10875-1 MSD

Matrix: Solid

Analysis Batch: 18521

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	35100	F1 F2	12400	38080	F1 F2	mg/Kg		24	90 - 110	50	20

Lab Sample ID: 880-10875-11 MS

Matrix: Solid

Analysis Batch: 18521

Client Sample ID: T-2 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11.7		250	263.9		mg/Kg		101	90 - 110

Lab Sample ID: 880-10875-11 MSD

Matrix: Solid

Analysis Batch: 18521

Client Sample ID: T-2 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11.7		250	244.2		mg/Kg		93	90 - 110	8	20

Lab Sample ID: MB 880-18362/1-A

Matrix: Solid

Analysis Batch: 18522

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			02/03/22 19:32	1

Lab Sample ID: LCS 880-18362/2-A

Matrix: Solid

Analysis Batch: 18522

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	271.5		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-18362/3-A

Matrix: Solid

Analysis Batch: 18522

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	0	20

Lab Sample ID: 880-10869-A-4-B MS

Matrix: Solid

Analysis Batch: 18522

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	118	F1	250	432.1	F1	mg/Kg		126	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-10869-A-4-C MSD

Matrix: Solid

Analysis Batch: 18522

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	118	F1	250	427.7	F1	mg/Kg		124	90 - 110	1	20

Lab Sample ID: MB 880-18360/1-A

Matrix: Solid

Analysis Batch: 18553

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			02/04/22 13:03	1

Lab Sample ID: LCS 880-18360/2-A

Matrix: Solid

Analysis Batch: 18553

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	225.0		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-18360/3-A

Matrix: Solid

Analysis Batch: 18553

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	245.6		mg/Kg		98	90 - 110	9	20

Lab Sample ID: 880-10875-21 MS

Matrix: Solid

Analysis Batch: 18553

Client Sample ID: T-4 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	22600	F1	12400	30170	F1	mg/Kg		61	90 - 110

Lab Sample ID: 880-10875-21 MSD

Matrix: Solid

Analysis Batch: 18553

Client Sample ID: T-4 (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	22600	F1	12400	28730	F1	mg/Kg		49	90 - 110	5	20

Lab Sample ID: 880-10875-31 MS

Matrix: Solid

Analysis Batch: 18553

Client Sample ID: T-5 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7680	F1	2500	11840	F1	mg/Kg		166	90 - 110

Lab Sample ID: 880-10875-31 MSD

Matrix: Solid

Analysis Batch: 18553

Client Sample ID: T-5 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7680	F1	2500	10870	F1	mg/Kg		127	90 - 110	9	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC VOA

Prep Batch: 18258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18258/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 18311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-41	T-7 (0-1')	Total/NA	Solid	5035	
880-10875-42	T-7 (1')	Total/NA	Solid	5035	
880-10875-43	T-7 (2')	Total/NA	Solid	5035	
880-10875-44	T-7 (3')	Total/NA	Solid	5035	
880-10875-45	T-7 (4')	Total/NA	Solid	5035	
880-10875-46	T-8 (0-1')	Total/NA	Solid	5035	
880-10875-47	T-8 (1')	Total/NA	Solid	5035	
MB 880-18311/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18311/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18311/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10855-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-10855-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 18331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Total/NA	Solid	8021B	18347
880-10875-2	T-1 (1')	Total/NA	Solid	8021B	18347
880-10875-3	T-1 (2')	Total/NA	Solid	8021B	18347
880-10875-4	T-1 (3')	Total/NA	Solid	8021B	18347
880-10875-5	T-1 (4')	Total/NA	Solid	8021B	18347
880-10875-6	T-1 (5')	Total/NA	Solid	8021B	18347
880-10875-7	T-1 (6')	Total/NA	Solid	8021B	18347
880-10875-8	T-2 (0-1')	Total/NA	Solid	8021B	18347
880-10875-9	T-2 (1')	Total/NA	Solid	8021B	18347
880-10875-10	T-2 (2')	Total/NA	Solid	8021B	18347
880-10875-11	T-2 (3')	Total/NA	Solid	8021B	18347
880-10875-12	T-2 (4')	Total/NA	Solid	8021B	18347
880-10875-13	T-3 (0-1')	Total/NA	Solid	8021B	18347
880-10875-14	T-3 (1')	Total/NA	Solid	8021B	18347
880-10875-15	T-3 (2')	Total/NA	Solid	8021B	18347
880-10875-16	T-3 (3')	Total/NA	Solid	8021B	18347
880-10875-17	T-3 (4')	Total/NA	Solid	8021B	18347
880-10875-18	T-3 (5')	Total/NA	Solid	8021B	18347
880-10875-19	T-3 (6')	Total/NA	Solid	8021B	18347
880-10875-20	T-3 (7')	Total/NA	Solid	8021B	18347
MB 880-18258/5-A	Method Blank	Total/NA	Solid	8021B	18258
MB 880-18347/5-A	Method Blank	Total/NA	Solid	8021B	18347
LCS 880-18347/1-A	Lab Control Sample	Total/NA	Solid	8021B	18347
LCSD 880-18347/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18347
880-10875-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	18347
880-10875-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	18347

Analysis Batch: 18332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Total/NA	Solid	8021B	18349
880-10875-22	T-4 (1')	Total/NA	Solid	8021B	18349
880-10875-23	T-4 (2')	Total/NA	Solid	8021B	18349

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
 SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 18332 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-24	T-4 (3')	Total/NA	Solid	8021B	18349
880-10875-25	T-4 (4')	Total/NA	Solid	8021B	18349
880-10875-26	T-4 (5')	Total/NA	Solid	8021B	18349
880-10875-27	T-4 (6')	Total/NA	Solid	8021B	18349
880-10875-28	T-4 (7')	Total/NA	Solid	8021B	18349
880-10875-29	T-5 (0-1')	Total/NA	Solid	8021B	18349
880-10875-30	T-5 (1')	Total/NA	Solid	8021B	18349
880-10875-31	T-5 (2')	Total/NA	Solid	8021B	18349
880-10875-32	T-5 (3')	Total/NA	Solid	8021B	18349
880-10875-33	T-5 (4')	Total/NA	Solid	8021B	18349
880-10875-34	T-5 (5')	Total/NA	Solid	8021B	18349
880-10875-35	T-5 (6')	Total/NA	Solid	8021B	18349
880-10875-36	T-6 (0-1')	Total/NA	Solid	8021B	18349
880-10875-37	T-6 (1')	Total/NA	Solid	8021B	18349
880-10875-38	T-6 (2')	Total/NA	Solid	8021B	18349
880-10875-39	T-6 (3')	Total/NA	Solid	8021B	18349
880-10875-40	T-6 (4')	Total/NA	Solid	8021B	18349
MB 880-18349/5-A	Method Blank	Total/NA	Solid	8021B	18349
MB 880-18357/5-A	Method Blank	Total/NA	Solid	8021B	18357
LCS 880-18349/1-A	Lab Control Sample	Total/NA	Solid	8021B	18349
LCSD 880-18349/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18349
880-10875-21 MS	T-4 (0-1')	Total/NA	Solid	8021B	18349
880-10875-21 MSD	T-4 (0-1')	Total/NA	Solid	8021B	18349

Prep Batch: 18347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Total/NA	Solid	5035	
880-10875-2	T-1 (1')	Total/NA	Solid	5035	
880-10875-3	T-1 (2')	Total/NA	Solid	5035	
880-10875-4	T-1 (3')	Total/NA	Solid	5035	
880-10875-5	T-1 (4')	Total/NA	Solid	5035	
880-10875-6	T-1 (5')	Total/NA	Solid	5035	
880-10875-7	T-1 (6')	Total/NA	Solid	5035	
880-10875-8	T-2 (0-1')	Total/NA	Solid	5035	
880-10875-9	T-2 (1')	Total/NA	Solid	5035	
880-10875-10	T-2 (2')	Total/NA	Solid	5035	
880-10875-11	T-2 (3')	Total/NA	Solid	5035	
880-10875-12	T-2 (4')	Total/NA	Solid	5035	
880-10875-13	T-3 (0-1')	Total/NA	Solid	5035	
880-10875-14	T-3 (1')	Total/NA	Solid	5035	
880-10875-15	T-3 (2')	Total/NA	Solid	5035	
880-10875-16	T-3 (3')	Total/NA	Solid	5035	
880-10875-17	T-3 (4')	Total/NA	Solid	5035	
880-10875-18	T-3 (5')	Total/NA	Solid	5035	
880-10875-19	T-3 (6')	Total/NA	Solid	5035	
880-10875-20	T-3 (7')	Total/NA	Solid	5035	
MB 880-18347/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18347/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18347/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10875-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-10875-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC VOA

Prep Batch: 18349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Total/NA	Solid	5035	
880-10875-22	T-4 (1')	Total/NA	Solid	5035	
880-10875-23	T-4 (2')	Total/NA	Solid	5035	
880-10875-24	T-4 (3')	Total/NA	Solid	5035	
880-10875-25	T-4 (4')	Total/NA	Solid	5035	
880-10875-26	T-4 (5')	Total/NA	Solid	5035	
880-10875-27	T-4 (6')	Total/NA	Solid	5035	
880-10875-28	T-4 (7')	Total/NA	Solid	5035	
880-10875-29	T-5 (0-1')	Total/NA	Solid	5035	
880-10875-30	T-5 (1')	Total/NA	Solid	5035	
880-10875-31	T-5 (2')	Total/NA	Solid	5035	
880-10875-32	T-5 (3')	Total/NA	Solid	5035	
880-10875-33	T-5 (4')	Total/NA	Solid	5035	
880-10875-34	T-5 (5')	Total/NA	Solid	5035	
880-10875-35	T-5 (6')	Total/NA	Solid	5035	
880-10875-36	T-6 (0-1')	Total/NA	Solid	5035	
880-10875-37	T-6 (1')	Total/NA	Solid	5035	
880-10875-38	T-6 (2')	Total/NA	Solid	5035	
880-10875-39	T-6 (3')	Total/NA	Solid	5035	
880-10875-40	T-6 (4')	Total/NA	Solid	5035	
MB 880-18349/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18349/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18349/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10875-21 MS	T-4 (0-1')	Total/NA	Solid	5035	
880-10875-21 MSD	T-4 (0-1')	Total/NA	Solid	5035	

Prep Batch: 18357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18357/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 18361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-48	T-8 (2')	Total/NA	Solid	5035	
880-10875-49	T-8 (3')	Total/NA	Solid	5035	
MB 880-18361/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18361/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18361/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10875-48 MS	T-8 (2')	Total/NA	Solid	5035	
880-10875-48 MSD	T-8 (2')	Total/NA	Solid	5035	

Analysis Batch: 18370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-41	T-7 (0-1')	Total/NA	Solid	8021B	18311
880-10875-42	T-7 (1')	Total/NA	Solid	8021B	18311
880-10875-43	T-7 (2')	Total/NA	Solid	8021B	18311
880-10875-44	T-7 (3')	Total/NA	Solid	8021B	18311
880-10875-45	T-7 (4')	Total/NA	Solid	8021B	18311
880-10875-46	T-8 (0-1')	Total/NA	Solid	8021B	18311
880-10875-47	T-8 (1')	Total/NA	Solid	8021B	18311
MB 880-18311/5-A	Method Blank	Total/NA	Solid	8021B	18311
MB 880-18370/8	Method Blank	Total/NA	Solid	8021B	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 18370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-18311/1-A	Lab Control Sample	Total/NA	Solid	8021B	18311
LCSD 880-18311/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18311
880-10855-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	18311
880-10855-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	18311

Analysis Batch: 18462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-48	T-8 (2')	Total/NA	Solid	8021B	18361
880-10875-49	T-8 (3')	Total/NA	Solid	8021B	18361
MB 880-18361/5-A	Method Blank	Total/NA	Solid	8021B	18361
LCS 880-18361/1-A	Lab Control Sample	Total/NA	Solid	8021B	18361
LCSD 880-18361/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18361
880-10875-48 MS	T-8 (2')	Total/NA	Solid	8021B	18361
880-10875-48 MSD	T-8 (2')	Total/NA	Solid	8021B	18361

Analysis Batch: 18541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-11	T-2 (3')	Total/NA	Solid	Total BTEX	
880-10875-12	T-2 (4')	Total/NA	Solid	Total BTEX	
880-10875-13	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-14	T-3 (1')	Total/NA	Solid	Total BTEX	
880-10875-15	T-3 (2')	Total/NA	Solid	Total BTEX	
880-10875-16	T-3 (3')	Total/NA	Solid	Total BTEX	
880-10875-17	T-3 (4')	Total/NA	Solid	Total BTEX	
880-10875-18	T-3 (5')	Total/NA	Solid	Total BTEX	
880-10875-19	T-3 (6')	Total/NA	Solid	Total BTEX	
880-10875-20	T-3 (7')	Total/NA	Solid	Total BTEX	
880-10875-21	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-22	T-4 (1')	Total/NA	Solid	Total BTEX	
880-10875-23	T-4 (2')	Total/NA	Solid	Total BTEX	
880-10875-24	T-4 (3')	Total/NA	Solid	Total BTEX	
880-10875-25	T-4 (4')	Total/NA	Solid	Total BTEX	
880-10875-26	T-4 (5')	Total/NA	Solid	Total BTEX	
880-10875-27	T-4 (6')	Total/NA	Solid	Total BTEX	
880-10875-28	T-4 (7')	Total/NA	Solid	Total BTEX	
880-10875-29	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-30	T-5 (1')	Total/NA	Solid	Total BTEX	
880-10875-31	T-5 (2')	Total/NA	Solid	Total BTEX	
880-10875-32	T-5 (3')	Total/NA	Solid	Total BTEX	
880-10875-33	T-5 (4')	Total/NA	Solid	Total BTEX	
880-10875-34	T-5 (5')	Total/NA	Solid	Total BTEX	
880-10875-35	T-5 (6')	Total/NA	Solid	Total BTEX	
880-10875-36	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-37	T-6 (1')	Total/NA	Solid	Total BTEX	
880-10875-38	T-6 (2')	Total/NA	Solid	Total BTEX	
880-10875-39	T-6 (3')	Total/NA	Solid	Total BTEX	
880-10875-40	T-6 (4')	Total/NA	Solid	Total BTEX	

Analysis Batch: 18599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 18599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-10875-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-10875-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-10875-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-10875-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-10875-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-10875-8	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-9	T-2 (1')	Total/NA	Solid	Total BTEX	
880-10875-10	T-2 (2')	Total/NA	Solid	Total BTEX	
880-10875-41	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-42	T-7 (1')	Total/NA	Solid	Total BTEX	
880-10875-43	T-7 (2')	Total/NA	Solid	Total BTEX	
880-10875-44	T-7 (3')	Total/NA	Solid	Total BTEX	
880-10875-45	T-7 (4')	Total/NA	Solid	Total BTEX	
880-10875-46	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-10875-47	T-8 (1')	Total/NA	Solid	Total BTEX	
880-10875-48	T-8 (2')	Total/NA	Solid	Total BTEX	
880-10875-49	T-8 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 18337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Total/NA	Solid	8015B NM	18348
880-10875-2	T-1 (1')	Total/NA	Solid	8015B NM	18348
880-10875-3	T-1 (2')	Total/NA	Solid	8015B NM	18348
880-10875-4	T-1 (3')	Total/NA	Solid	8015B NM	18348
880-10875-5	T-1 (4')	Total/NA	Solid	8015B NM	18348
880-10875-6	T-1 (5')	Total/NA	Solid	8015B NM	18348
880-10875-7	T-1 (6')	Total/NA	Solid	8015B NM	18348
880-10875-8	T-2 (0-1')	Total/NA	Solid	8015B NM	18348
880-10875-9	T-2 (1')	Total/NA	Solid	8015B NM	18348
880-10875-10	T-2 (2')	Total/NA	Solid	8015B NM	18348
880-10875-11	T-2 (3')	Total/NA	Solid	8015B NM	18348
880-10875-12	T-2 (4')	Total/NA	Solid	8015B NM	18348
880-10875-13	T-3 (0-1')	Total/NA	Solid	8015B NM	18348
880-10875-14	T-3 (1')	Total/NA	Solid	8015B NM	18348
880-10875-15	T-3 (2')	Total/NA	Solid	8015B NM	18348
880-10875-16	T-3 (3')	Total/NA	Solid	8015B NM	18348
880-10875-17	T-3 (4')	Total/NA	Solid	8015B NM	18348
880-10875-18	T-3 (5')	Total/NA	Solid	8015B NM	18348
880-10875-19	T-3 (6')	Total/NA	Solid	8015B NM	18348
880-10875-20	T-3 (7')	Total/NA	Solid	8015B NM	18348
MB 880-18348/1-A	Method Blank	Total/NA	Solid	8015B NM	18348
LCS 880-18348/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18348
LCSD 880-18348/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18348
880-10875-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	18348
880-10875-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	18348

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC Semi VOA

Analysis Batch: 18339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Total/NA	Solid	8015B NM	18351
880-10875-22	T-4 (1')	Total/NA	Solid	8015B NM	18351
880-10875-23	T-4 (2')	Total/NA	Solid	8015B NM	18351
880-10875-24	T-4 (3')	Total/NA	Solid	8015B NM	18351
880-10875-25	T-4 (4')	Total/NA	Solid	8015B NM	18351
880-10875-26	T-4 (5')	Total/NA	Solid	8015B NM	18351
880-10875-27	T-4 (6')	Total/NA	Solid	8015B NM	18351
880-10875-28	T-4 (7')	Total/NA	Solid	8015B NM	18351
880-10875-29	T-5 (0-1')	Total/NA	Solid	8015B NM	18351
880-10875-30	T-5 (1')	Total/NA	Solid	8015B NM	18351
880-10875-31	T-5 (2')	Total/NA	Solid	8015B NM	18351
880-10875-32	T-5 (3')	Total/NA	Solid	8015B NM	18351
880-10875-33	T-5 (4')	Total/NA	Solid	8015B NM	18351
880-10875-34	T-5 (5')	Total/NA	Solid	8015B NM	18351
880-10875-35	T-5 (6')	Total/NA	Solid	8015B NM	18351
880-10875-36	T-6 (0-1')	Total/NA	Solid	8015B NM	18351
880-10875-37	T-6 (1')	Total/NA	Solid	8015B NM	18351
880-10875-38	T-6 (2')	Total/NA	Solid	8015B NM	18351
880-10875-39	T-6 (3')	Total/NA	Solid	8015B NM	18351
880-10875-40	T-6 (4')	Total/NA	Solid	8015B NM	18351
MB 880-18351/1-A	Method Blank	Total/NA	Solid	8015B NM	18351
LCS 880-18351/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18351
LCSD 880-18351/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18351
880-10875-21 MS	T-4 (0-1')	Total/NA	Solid	8015B NM	18351
880-10875-21 MSD	T-4 (0-1')	Total/NA	Solid	8015B NM	18351

Prep Batch: 18348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-10875-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-10875-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-10875-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-10875-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-10875-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-10875-8	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-9	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-10875-10	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-10875-11	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-10875-12	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-10875-13	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-14	T-3 (1')	Total/NA	Solid	8015NM Prep	
880-10875-15	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-10875-16	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-10875-17	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-10875-18	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-10875-19	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-10875-20	T-3 (7')	Total/NA	Solid	8015NM Prep	
MB 880-18348/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18348/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18348/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 18348 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 18351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-22	T-4 (1')	Total/NA	Solid	8015NM Prep	
880-10875-23	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-10875-24	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-10875-25	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-10875-26	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-10875-27	T-4 (6')	Total/NA	Solid	8015NM Prep	
880-10875-28	T-4 (7')	Total/NA	Solid	8015NM Prep	
880-10875-29	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-30	T-5 (1')	Total/NA	Solid	8015NM Prep	
880-10875-31	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-10875-32	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-10875-33	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-10875-34	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-10875-35	T-5 (6')	Total/NA	Solid	8015NM Prep	
880-10875-36	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-37	T-6 (1')	Total/NA	Solid	8015NM Prep	
880-10875-38	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-10875-39	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-10875-40	T-6 (4')	Total/NA	Solid	8015NM Prep	
MB 880-18351/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18351/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18351/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10875-21 MS	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-21 MSD	T-4 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 18352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-41	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-42	T-7 (1')	Total/NA	Solid	8015NM Prep	
880-10875-43	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-10875-44	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-10875-45	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-10875-46	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-47	T-8 (1')	Total/NA	Solid	8015NM Prep	
880-10875-48	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-10875-49	T-8 (3')	Total/NA	Solid	8015NM Prep	
MB 880-18352/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18352/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18352/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10875-41 MS	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-10875-41 MSD	T-7 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-41	T-7 (0-1')	Total/NA	Solid	8015B NM	18352

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 18454 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-42	T-7 (1')	Total/NA	Solid	8015B NM	18352
880-10875-43	T-7 (2')	Total/NA	Solid	8015B NM	18352
880-10875-44	T-7 (3')	Total/NA	Solid	8015B NM	18352
880-10875-45	T-7 (4')	Total/NA	Solid	8015B NM	18352
880-10875-46	T-8 (0-1')	Total/NA	Solid	8015B NM	18352
880-10875-47	T-8 (1')	Total/NA	Solid	8015B NM	18352
880-10875-48	T-8 (2')	Total/NA	Solid	8015B NM	18352
880-10875-49	T-8 (3')	Total/NA	Solid	8015B NM	18352
MB 880-18352/1-A	Method Blank	Total/NA	Solid	8015B NM	18352
LCS 880-18352/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18352
LCSD 880-18352/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18352
880-10875-41 MS	T-7 (0-1')	Total/NA	Solid	8015B NM	18352
880-10875-41 MSD	T-7 (0-1')	Total/NA	Solid	8015B NM	18352

Analysis Batch: 18473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-10875-22	T-4 (1')	Total/NA	Solid	8015 NM	
880-10875-23	T-4 (2')	Total/NA	Solid	8015 NM	
880-10875-24	T-4 (3')	Total/NA	Solid	8015 NM	
880-10875-25	T-4 (4')	Total/NA	Solid	8015 NM	
880-10875-26	T-4 (5')	Total/NA	Solid	8015 NM	
880-10875-27	T-4 (6')	Total/NA	Solid	8015 NM	
880-10875-28	T-4 (7')	Total/NA	Solid	8015 NM	
880-10875-29	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-10875-30	T-5 (1')	Total/NA	Solid	8015 NM	
880-10875-31	T-5 (2')	Total/NA	Solid	8015 NM	
880-10875-32	T-5 (3')	Total/NA	Solid	8015 NM	
880-10875-33	T-5 (4')	Total/NA	Solid	8015 NM	
880-10875-34	T-5 (5')	Total/NA	Solid	8015 NM	
880-10875-35	T-5 (6')	Total/NA	Solid	8015 NM	
880-10875-36	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-10875-37	T-6 (1')	Total/NA	Solid	8015 NM	
880-10875-38	T-6 (2')	Total/NA	Solid	8015 NM	
880-10875-39	T-6 (3')	Total/NA	Solid	8015 NM	
880-10875-40	T-6 (4')	Total/NA	Solid	8015 NM	

Analysis Batch: 18476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-10875-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-10875-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-10875-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-10875-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-10875-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-10875-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-10875-8	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-10875-9	T-2 (1')	Total/NA	Solid	8015 NM	
880-10875-10	T-2 (2')	Total/NA	Solid	8015 NM	
880-10875-11	T-2 (3')	Total/NA	Solid	8015 NM	
880-10875-12	T-2 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
 SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 18476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-13	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-10875-14	T-3 (1')	Total/NA	Solid	8015 NM	
880-10875-15	T-3 (2')	Total/NA	Solid	8015 NM	
880-10875-16	T-3 (3')	Total/NA	Solid	8015 NM	
880-10875-17	T-3 (4')	Total/NA	Solid	8015 NM	
880-10875-18	T-3 (5')	Total/NA	Solid	8015 NM	
880-10875-19	T-3 (6')	Total/NA	Solid	8015 NM	
880-10875-20	T-3 (7')	Total/NA	Solid	8015 NM	
880-10875-41	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-10875-42	T-7 (1')	Total/NA	Solid	8015 NM	
880-10875-43	T-7 (2')	Total/NA	Solid	8015 NM	
880-10875-44	T-7 (3')	Total/NA	Solid	8015 NM	
880-10875-45	T-7 (4')	Total/NA	Solid	8015 NM	
880-10875-46	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-10875-47	T-8 (1')	Total/NA	Solid	8015 NM	
880-10875-48	T-8 (2')	Total/NA	Solid	8015 NM	
880-10875-49	T-8 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-10875-2	T-1 (1')	Soluble	Solid	DI Leach	
880-10875-3	T-1 (2')	Soluble	Solid	DI Leach	
880-10875-4	T-1 (3')	Soluble	Solid	DI Leach	
880-10875-5	T-1 (4')	Soluble	Solid	DI Leach	
880-10875-6	T-1 (5')	Soluble	Solid	DI Leach	
880-10875-7	T-1 (6')	Soluble	Solid	DI Leach	
880-10875-8	T-2 (0-1')	Soluble	Solid	DI Leach	
880-10875-9	T-2 (1')	Soluble	Solid	DI Leach	
880-10875-10	T-2 (2')	Soluble	Solid	DI Leach	
880-10875-11	T-2 (3')	Soluble	Solid	DI Leach	
880-10875-12	T-2 (4')	Soluble	Solid	DI Leach	
880-10875-13	T-3 (0-1')	Soluble	Solid	DI Leach	
880-10875-14	T-3 (1')	Soluble	Solid	DI Leach	
880-10875-15	T-3 (2')	Soluble	Solid	DI Leach	
880-10875-16	T-3 (3')	Soluble	Solid	DI Leach	
880-10875-17	T-3 (4')	Soluble	Solid	DI Leach	
880-10875-18	T-3 (5')	Soluble	Solid	DI Leach	
880-10875-19	T-3 (6')	Soluble	Solid	DI Leach	
880-10875-20	T-3 (7')	Soluble	Solid	DI Leach	
MB 880-18358/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18358/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18358/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10875-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-10875-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-10875-11 MS	T-2 (3')	Soluble	Solid	DI Leach	
880-10875-11 MSD	T-2 (3')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

HPLC/IC

Leach Batch: 18360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Soluble	Solid	DI Leach	
880-10875-22	T-4 (1')	Soluble	Solid	DI Leach	
880-10875-23	T-4 (2')	Soluble	Solid	DI Leach	
880-10875-24	T-4 (3')	Soluble	Solid	DI Leach	
880-10875-25	T-4 (4')	Soluble	Solid	DI Leach	
880-10875-26	T-4 (5')	Soluble	Solid	DI Leach	
880-10875-27	T-4 (6')	Soluble	Solid	DI Leach	
880-10875-28	T-4 (7')	Soluble	Solid	DI Leach	
880-10875-29	T-5 (0-1')	Soluble	Solid	DI Leach	
880-10875-30	T-5 (1')	Soluble	Solid	DI Leach	
880-10875-31	T-5 (2')	Soluble	Solid	DI Leach	
880-10875-32	T-5 (3')	Soluble	Solid	DI Leach	
880-10875-33	T-5 (4')	Soluble	Solid	DI Leach	
880-10875-34	T-5 (5')	Soluble	Solid	DI Leach	
880-10875-35	T-5 (6')	Soluble	Solid	DI Leach	
880-10875-36	T-6 (0-1')	Soluble	Solid	DI Leach	
880-10875-37	T-6 (1')	Soluble	Solid	DI Leach	
880-10875-38	T-6 (2')	Soluble	Solid	DI Leach	
880-10875-39	T-6 (3')	Soluble	Solid	DI Leach	
880-10875-40	T-6 (4')	Soluble	Solid	DI Leach	
MB 880-18360/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18360/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18360/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10875-21 MS	T-4 (0-1')	Soluble	Solid	DI Leach	
880-10875-21 MSD	T-4 (0-1')	Soluble	Solid	DI Leach	
880-10875-31 MS	T-5 (2')	Soluble	Solid	DI Leach	
880-10875-31 MSD	T-5 (2')	Soluble	Solid	DI Leach	

Leach Batch: 18362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-41	T-7 (0-1')	Soluble	Solid	DI Leach	
880-10875-42	T-7 (1')	Soluble	Solid	DI Leach	
880-10875-43	T-7 (2')	Soluble	Solid	DI Leach	
880-10875-44	T-7 (3')	Soluble	Solid	DI Leach	
880-10875-45	T-7 (4')	Soluble	Solid	DI Leach	
880-10875-46	T-8 (0-1')	Soluble	Solid	DI Leach	
880-10875-47	T-8 (1')	Soluble	Solid	DI Leach	
880-10875-48	T-8 (2')	Soluble	Solid	DI Leach	
880-10875-49	T-8 (3')	Soluble	Solid	DI Leach	
MB 880-18362/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18362/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18362/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10869-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-10869-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 18521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-1	T-1 (0-1')	Soluble	Solid	300.0	18358
880-10875-2	T-1 (1')	Soluble	Solid	300.0	18358
880-10875-3	T-1 (2')	Soluble	Solid	300.0	18358
880-10875-4	T-1 (3')	Soluble	Solid	300.0	18358

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
 SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 18521 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-5	T-1 (4')	Soluble	Solid	300.0	18358
880-10875-6	T-1 (5')	Soluble	Solid	300.0	18358
880-10875-7	T-1 (6')	Soluble	Solid	300.0	18358
880-10875-8	T-2 (0-1')	Soluble	Solid	300.0	18358
880-10875-9	T-2 (1')	Soluble	Solid	300.0	18358
880-10875-10	T-2 (2')	Soluble	Solid	300.0	18358
880-10875-11	T-2 (3')	Soluble	Solid	300.0	18358
880-10875-12	T-2 (4')	Soluble	Solid	300.0	18358
880-10875-13	T-3 (0-1')	Soluble	Solid	300.0	18358
880-10875-14	T-3 (1')	Soluble	Solid	300.0	18358
880-10875-15	T-3 (2')	Soluble	Solid	300.0	18358
880-10875-16	T-3 (3')	Soluble	Solid	300.0	18358
880-10875-17	T-3 (4')	Soluble	Solid	300.0	18358
880-10875-18	T-3 (5')	Soluble	Solid	300.0	18358
880-10875-19	T-3 (6')	Soluble	Solid	300.0	18358
880-10875-20	T-3 (7')	Soluble	Solid	300.0	18358
MB 880-18358/1-A	Method Blank	Soluble	Solid	300.0	18358
LCS 880-18358/2-A	Lab Control Sample	Soluble	Solid	300.0	18358
LCSD 880-18358/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18358
880-10875-1 MS	T-1 (0-1')	Soluble	Solid	300.0	18358
880-10875-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	18358
880-10875-11 MS	T-2 (3')	Soluble	Solid	300.0	18358
880-10875-11 MSD	T-2 (3')	Soluble	Solid	300.0	18358

Analysis Batch: 18522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-41	T-7 (0-1')	Soluble	Solid	300.0	18362
880-10875-42	T-7 (1')	Soluble	Solid	300.0	18362
880-10875-43	T-7 (2')	Soluble	Solid	300.0	18362
880-10875-44	T-7 (3')	Soluble	Solid	300.0	18362
880-10875-45	T-7 (4')	Soluble	Solid	300.0	18362
880-10875-46	T-8 (0-1')	Soluble	Solid	300.0	18362
880-10875-47	T-8 (1')	Soluble	Solid	300.0	18362
880-10875-48	T-8 (2')	Soluble	Solid	300.0	18362
880-10875-49	T-8 (3')	Soluble	Solid	300.0	18362
MB 880-18362/1-A	Method Blank	Soluble	Solid	300.0	18362
LCS 880-18362/2-A	Lab Control Sample	Soluble	Solid	300.0	18362
LCSD 880-18362/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18362
880-10869-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	18362
880-10869-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	18362

Analysis Batch: 18553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-21	T-4 (0-1')	Soluble	Solid	300.0	18360
880-10875-22	T-4 (1')	Soluble	Solid	300.0	18360
880-10875-23	T-4 (2')	Soluble	Solid	300.0	18360
880-10875-24	T-4 (3')	Soluble	Solid	300.0	18360
880-10875-25	T-4 (4')	Soluble	Solid	300.0	18360
880-10875-26	T-4 (5')	Soluble	Solid	300.0	18360
880-10875-27	T-4 (6')	Soluble	Solid	300.0	18360
880-10875-28	T-4 (7')	Soluble	Solid	300.0	18360

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 18553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10875-29	T-5 (0-1')	Soluble	Solid	300.0	18360
880-10875-30	T-5 (1')	Soluble	Solid	300.0	18360
880-10875-31	T-5 (2')	Soluble	Solid	300.0	18360
880-10875-32	T-5 (3')	Soluble	Solid	300.0	18360
880-10875-33	T-5 (4')	Soluble	Solid	300.0	18360
880-10875-34	T-5 (5')	Soluble	Solid	300.0	18360
880-10875-35	T-5 (6')	Soluble	Solid	300.0	18360
880-10875-36	T-6 (0-1')	Soluble	Solid	300.0	18360
880-10875-37	T-6 (1')	Soluble	Solid	300.0	18360
880-10875-38	T-6 (2')	Soluble	Solid	300.0	18360
880-10875-39	T-6 (3')	Soluble	Solid	300.0	18360
880-10875-40	T-6 (4')	Soluble	Solid	300.0	18360
MB 880-18360/1-A	Method Blank	Soluble	Solid	300.0	18360
LCS 880-18360/2-A	Lab Control Sample	Soluble	Solid	300.0	18360
LCSD 880-18360/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18360
880-10875-21 MS	T-4 (0-1')	Soluble	Solid	300.0	18360
880-10875-21 MSD	T-4 (0-1')	Soluble	Solid	300.0	18360
880-10875-31 MS	T-5 (2')	Soluble	Solid	300.0	18360
880-10875-31 MSD	T-5 (2')	Soluble	Solid	300.0	18360

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Lab Sample ID: 880-10875-1

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 00:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/02/22 22:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		50			18521	02/03/22 15:03	CH	XEN MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-10875-2

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 01:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/02/22 23:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 15:22	CH	XEN MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-10875-3

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 01:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 15:28	CH	XEN MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-10875-4

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 01:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (3')

Lab Sample ID: 880-10875-4

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 00:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 15:34	CH	XEN MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-10875-5

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 02:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 00:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		5			18521	02/03/22 15:40	CH	XEN MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-10875-6

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 02:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 01:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		10			18521	02/03/22 15:59	CH	XEN MID

Client Sample ID: T-1 (6')

Lab Sample ID: 880-10875-7

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 02:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 01:31	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-1 (6')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-7

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	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			18521	02/04/22 11:55	CH	XEN MID

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

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-8

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			5.01 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 03:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 01:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 16:11	CH	XEN MID

Client Sample ID: T-2 (1')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-9

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			5.02 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 03:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 02:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		10			18521	02/03/22 16:17	CH	XEN MID

Client Sample ID: T-2 (2')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-10

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			5.00 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 03:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 02:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			18521	02/04/22 12:01	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-10875-11

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 05:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 03:15	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			18521	02/04/22 12:07	CH	XEN MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-10875-12

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 05:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 03:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			18521	02/04/22 12:26	CH	XEN MID

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

Lab Sample ID: 880-10875-13

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 05:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		50			18521	02/03/22 16:54	CH	XEN MID

Client Sample ID: T-3 (1')

Lab Sample ID: 880-10875-14

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 06:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (1')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-14

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			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 04:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		10			18521	02/03/22 17:13	CH	XEN MID

Client Sample ID: T-3 (2')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-15

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			5.03 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 06:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 04:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		10			18521	02/03/22 17:19	CH	XEN MID

Client Sample ID: T-3 (3')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-16

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			5.01 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 06:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 04:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 17:25	CH	XEN MID

Client Sample ID: T-3 (4')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-17

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			5.02 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 07:17	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 05:18	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-3 (4')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-17

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			5.05 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 17:31	CH	XEN MID

Client Sample ID: T-3 (5')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-18

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			4.99 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 07:38	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 05:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		20			18521	02/03/22 17:37	CH	XEN MID

Client Sample ID: T-3 (6')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-19

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	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 07:58	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 05:58	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		10			18521	02/03/22 17:43	CH	XEN MID

Client Sample ID: T-3 (7')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-20

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			5.03 g	5 mL	18347	02/02/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18331	02/03/22 08:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18348	02/02/22 11:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18337	02/03/22 06:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18358	02/02/22 11:42	CH	XEN MID
Soluble	Analysis	300.0		1			18521	02/04/22 12:32	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-10875-21

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 13:08	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/02/22 22:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		50			18553	02/04/22 13:21	CH	XEN MID

Client Sample ID: T-4 (1')

Lab Sample ID: 880-10875-22

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 13:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/02/22 23:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 13:40	CH	XEN MID

Client Sample ID: T-4 (2')

Lab Sample ID: 880-10875-23

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 13:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 13:46	CH	XEN MID

Client Sample ID: T-4 (3')

Lab Sample ID: 880-10875-24

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 14:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (3')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-24

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			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 00:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 13:52	CH	XEN MID

Client Sample ID: T-4 (4')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-25

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			5.01 g	5 mL	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 14:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 00:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 13:58	CH	XEN MID

Client Sample ID: T-4 (5')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-26

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			5.03 g	5 mL	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 14:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 01:11	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 14:17	CH	XEN MID

Client Sample ID: T-4 (6')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-27

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 15:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 01:31	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-4 (6')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-27

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	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 14:23	CH	XEN MID

Client Sample ID: T-4 (7')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-28

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			5.02 g	5 mL	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 15:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 01:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 14:29	CH	XEN MID

Client Sample ID: T-5 (0-1')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-29

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			5.04 g	5 mL	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 15:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 02:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		50			18553	02/04/22 14:35	CH	XEN MID

Client Sample ID: T-5 (1')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-30

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			5.03 g	5 mL	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 16:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 02:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 14:42	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (2')

Lab Sample ID: 880-10875-31

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 18:03	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 03:15	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 14:48	CH	XEN MID

Client Sample ID: T-5 (3')

Lab Sample ID: 880-10875-32

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 18:23	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 03:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 15:06	CH	XEN MID

Client Sample ID: T-5 (4')

Lab Sample ID: 880-10875-33

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 18:44	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 15:12	CH	XEN MID

Client Sample ID: T-5 (5')

Lab Sample ID: 880-10875-34

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 19:04	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-5 (5')

Lab Sample ID: 880-10875-34

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 04:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		10			18553	02/04/22 15:31	CH	XEN MID

Client Sample ID: T-5 (6')

Lab Sample ID: 880-10875-35

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 19:24	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 04:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 15:37	CH	XEN MID

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-10875-36

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 19:45	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 04:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		20			18553	02/04/22 15:43	CH	XEN MID

Client Sample ID: T-6 (1')

Lab Sample ID: 880-10875-37

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 20:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 05:18	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-6 (1')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-37

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			5.01 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 15:49	CH	XEN MID

Client Sample ID: T-6 (2')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-38

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 20:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 05:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 15:55	CH	XEN MID

Client Sample ID: T-6 (3')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-39

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 20:46	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 05:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 16:02	CH	XEN MID

Client Sample ID: T-6 (4')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-40

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	18349	02/02/22 11:10	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18332	02/03/22 21:07	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18541	02/04/22 07:42	KL	XEN MID
Total/NA	Analysis	8015 NM		1			18473	02/03/22 10:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18351	02/02/22 11:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18339	02/03/22 06:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18360	02/02/22 11:48	CH	XEN MID
Soluble	Analysis	300.0		1			18553	02/04/22 16:08	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-10875-41

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 05:39	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 10:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		20			18522	02/03/22 22:03	CH	XEN MID

Client Sample ID: T-7 (1')

Lab Sample ID: 880-10875-42

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 06:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 11:22	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		10			18522	02/03/22 22:10	CH	XEN MID

Client Sample ID: T-7 (2')

Lab Sample ID: 880-10875-43

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 06:31	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 11:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		10			18522	02/03/22 22:33	CH	XEN MID

Client Sample ID: T-7 (3')

Lab Sample ID: 880-10875-44

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 06:59	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-7 (3')

Lab Sample ID: 880-10875-44

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 12:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		1			18522	02/04/22 11:56	CH	XEN MID

Client Sample ID: T-7 (4')

Lab Sample ID: 880-10875-45

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 09:42	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 12:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		1			18522	02/04/22 12:04	CH	XEN MID

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-10875-46

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 10:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 12:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		50			18522	02/03/22 22:55	CH	XEN MID

Client Sample ID: T-8 (1')

Lab Sample ID: 880-10875-47

Date Collected: 02/01/22 00:00

Matrix: Solid

Date Received: 02/02/22 08:56

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	18311	02/02/22 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18370	02/03/22 10:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 13:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Client Sample ID: T-8 (1')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-47

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			5.05 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		10			18522	02/03/22 23:03	CH	XEN MID

Client Sample ID: T-8 (2')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-48

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	18361	02/03/22 09:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18462	02/03/22 22:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 13:32	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		1			18522	02/04/22 12:11	CH	XEN MID

Client Sample ID: T-8 (3')

Date Collected: 02/01/22 00:00

Date Received: 02/02/22 08:56

Lab Sample ID: 880-10875-49

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	18361	02/03/22 09:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18462	02/03/22 22:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18352	02/02/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 13:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18362	02/02/22 11:50	CH	XEN MID
Soluble	Analysis	300.0		1			18522	02/04/22 12:19	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Copperhead Fee (1.14.22)

Job ID: 880-10875-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10875-1	T-1 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-2	T-1 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-3	T-1 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-4	T-1 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-5	T-1 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-6	T-1 (5')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-7	T-1 (6')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-8	T-2 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-9	T-2 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-10	T-2 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-11	T-2 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-12	T-2 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-13	T-3 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-14	T-3 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-15	T-3 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-16	T-3 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-17	T-3 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-18	T-3 (5')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-19	T-3 (6')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-20	T-3 (7')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-21	T-4 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-22	T-4 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-23	T-4 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-24	T-4 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-25	T-4 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-26	T-4 (5')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-27	T-4 (6')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-28	T-4 (7')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-29	T-5 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-30	T-5 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-31	T-5 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-32	T-5 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-33	T-5 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-34	T-5 (5')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-35	T-5 (6')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-36	T-6 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-37	T-6 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-38	T-6 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-39	T-6 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-40	T-6 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-41	T-7 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-42	T-7 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-43	T-7 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-44	T-7 (3')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-45	T-7 (4')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-46	T-8 (0-1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-47	T-8 (1')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-48	T-8 (2')	Solid	02/01/22 00:00	02/02/22 08:56
880-10875-49	T-8 (3')	Solid	02/01/22 00:00	02/02/22 08:56

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Chain of Custody



880-10875 Chain of Custody

Page 1 of 5

Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Camrona Resources	Company Name:	COP
Address:	310 W Wall St. Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacquiharris@conocophillips.com

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

Project Name:		Copperhead Fee (1.14.22)		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	1002	☐ Routine	☒ Rush	Due Date:	48 Hrs													None: NO	DI Water: H ₂ O			
Project Location	Eddy Co. NM	CRM		TAT starts the day received by the lab, if received by 4:30pm			Parameters													Cool: Cool	MeOH: Me	
Sampler's Name:																				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:	128																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No		Correction Factor:	0.1																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes	No		Temperature Reading:	0.1																Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:	0.2																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
T-1 (0-1')		2/1/2022		X		G	1	X	X	X								402				
T-1 (1')		2/1/2022		X		G	1	X	X	X												
T-1 (2')		2/1/2022		X		G	1	X	X	X												
T-1 (3')		2/1/2022		X		G	1	X	X	X												
T-1 (4')		2/1/2022		X		G	1	X	X	X												
T-1 (5')		2/1/2022		X		G	1	X	X	X												
T-1 (6')		2/1/2022		X		G	1	X	X	X												
T-2 (0-1')		2/1/2022		X		G	1	X	X	X												
T-2 (1')		2/1/2022		X		G	1	X	X	X												
T-2 (2')		2/1/2022		X		G	1	X	X	X												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Jacqui Harris</i>	2/2/22 0850			
5					

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Chain of Custody

Work Order No: _____

Page 2 of 5

Project Manager:	Comer Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COP
Address:	310 W Wall St. Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacquiharris@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:		Copperhead Fee (1.14.22)		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	1002		☐ Routine	☒ Rush												None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co. NM		Due Date:	48 Hrs												Cool: Cool	MeOH: Me	
Sampler's Name:	CRM		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 Inlact:			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-2 (3)		2/1/2022		X		G	1	X	X	X								
T-2 (4')		2/1/2022		X		G	1	X	X	X								
T-3 (0-1')		2/1/2022		X		G	1	X	X	X								
T-3 (1')		2/1/2022		X		G	1	X	X	X								
T-3 (2')		2/1/2022		X		G	1	X	X	X								
T-3 (3')		2/1/2022		X		G	1	X	X	X								
T-3 (4')		2/1/2022		X		G	1	X	X	X								
T-3 (5')		2/1/2022		X		G	1	X	X	X								
T-3 (6')		2/1/2022		X		G	1	X	X	X								
T-3 (7')		2/1/2022		X		G	1	X	X	X								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Carmona Resources</i>	<i>Jacqui Harris</i>	2/2/22			

Chain of Custody

Work Order No: _____

Page 3 of 5

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

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

Project Name:		Copperhead Fee (1.14.22)		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:		1002		☐ Routine	☒ Rush															None: NO	DI Water: H ₂ O
Project Location:		Eddy Co. NM		Due Date:		48 Hrs														Cool: Cool	MeOH: Me
Sampler's Name:		CRM		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN
PO #:																				H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:		Yes No		Well Ice:		Yes No												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-4 (0-1')		2/1/2022				X				G		1									
T-4 (1')		2/1/2022				X				G		1									
T-4 (2')		2/1/2022				X				G		1									
T-4 (3')		2/1/2022				X				G		1									
T-4 (4')		2/1/2022				X				G		1									
T-4 (5')		2/1/2022				X				G		1									
T-4 (6')		2/1/2022				X				G		1									
T-4 (7')		2/1/2022				X				G		1									
T-5 (0-1')		2/1/2022				X				G		1									
T-5 (1')		2/1/2022				X				G		1									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Jacqui Harris</i>	2/2/22			

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Chain of Custody

Work Order No: _____

Page 4 of 5

Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COP
Address:	310 W Wall St. Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@comconphilips.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:	Copperhead Fee (1.14.22)	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	1002	☐ Routine	☒ Rush													None: NO	DI Water: H ₂ O
Project Location:	Eddy Co, NM	Due Date:	48 Hrs													Cool: Cool	MeOH: Me
Sampler's Name:	CRM	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											HOLD	
Received Intact:	Yes No	Thermometer ID:															
Cooler Custody Seals:	Yes No N/A	Correction Factor:															
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	TP													Sample Comments
T-5 (2)	2/1/2022		X		G	1	X	X	X											
T-5 (3)	2/1/2022		X		G	1	X	X	X											
T-5 (4)	2/1/2022		X		G	1	X	X	X											
T-5 (5)	2/1/2022		X		G	1	X	X	X											
T-5 (6)	2/1/2022		X		G	1	X	X	X											
T-6 (0-1)	2/1/2022		X		G	1	X	X	X											
T-6 (1)	2/1/2022		X		G	1	X	X	X											
T-6 (2)	2/1/2022		X		G	1	X	X	X											
T-6 (3)	2/1/2022		X		G	1	X	X	X											
T-6 (4)	2/1/2022		X		G	1	X	X	X											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Jacqui Harris</i>	2/2/22			

Work Order No: _____

Page 5 of 5

Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COP
Address:	310 W Wall St. Ste 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@comocphillips.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:		Copperhead Fee (1.14.22)		Turn Around			ANALYSIS REQUEST										Preservative Codes		
Project Number:	1002	☐ Routine	☒ Rush	Pres. Code												None: NO	DI Water: H2O		
Project Location	Eddy Co, NM	Due Date:	48 Hrs													Cool: Cool	MeOH: Me		
Sampler's Name:	CRM	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO3: HN		
PO #:																H2SO4: H2	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters								HOLD			
Received Intact:	Yes	No	Thermometer ID:					BTEx 8021B											
Cooler Custody Seals:	Yes	No	Correction Factor:					TPH 8015M (GRO + DRO + MRO)											
Sample Custody Seals:	Yes	No	Temperature Reading:					Chloride 300.0											
Total Containers:			Corrected Temperature:																
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont									Sample Comments			
T-7 (0-1')	2/1/2022			X		G	1	X	X	X									
T-7 (1')	2/1/2022			X		G	1	X	X	X									
T-7 (2')	2/1/2022			X		G	1	X	X	X									
T-7 (3')	2/1/2022			X		G	1	X	X	X									
T-7 (4')	2/1/2022			X		G	1	X	X	X									
T-8 (0-1')	2/1/2022			X		G	1	X	X	X									
T-8 (1')	2/1/2022			X		G	1	X	X	X									
T-8 (2')	2/1/2022			X		G	1	X	X	X									
T-8 (3')	2/1/2022			X		G	1	X	X	X									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2/2/22			

Revised Date 05/01/2020 Rev 20/20

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-10875-1

SDG Number: Eddy Co NM

Login Number: 10875

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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 89895

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 89895
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved. Variance approved to collect composite bottom hole and sidewall samples every 400 square feet.	3/22/2022