

CARMONA RESOURCES



SITE INFORMATION

Work Plan

Scout State Com 605 Frac Spill

Incident #: NAPP2213745923

Eddy County, New Mexico

Unit D Sec 06 T25S R28E

32.164186°, -104.133059°

Treated Produced Water Release

Point of Release: Lay Flat Hose Leak

Release Date: 05/05/2022

Volume Released: 83.4 Barrels of Treated Produced Water

Volume Recovered: 60 Barrels of Treated Produced Water

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Prepared for:

Concho Operating, LLC

600 West Illinois Avenue,

Midland, Texas 79701

Prepared by:

Carmona Resources, LLC

310 West Wall Street

Suite 415

Midland, Texas 79701

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Midland TX, 79701
432.813.1992

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August 1, 2022

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

Re: Work Plan
Scout State Com 605 Frac Spill
Concho Operating, LLC
Incident # NAPP2213745923
Site Location: Unit D, S06, T25S, R28E
(Lat 32.164186°, Long -104.133059°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for the Scout State Com 605 Frac Spill. The site is located at 32.164186°, -104.133059° within Unit D, S06, T25S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 5, 2022, from a lay flat hose leak. It resulted in the release of approximately eighty-three-point-four (83.4) barrels of treated produced water, and sixty (60) barrels were recovered. Refer to Figure 3 to see the northern and southern portions of the impacted area. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.10 miles Southeast of the site in S05, T25S, R28E and was drilled in 1948. The well has a reported depth to groundwater of 59.35' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Site Assessment Activities

Initial Assessment

On June 7, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of thirteen (13) sample points and fifteen (15) horizontal samples were advanced to depths ranging from the surface to 1.5' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

In Table 1, the areas of S-1 through S-13 showed benzene, total BTEX, and TPH concentrations below the regulatory limits. However, the areas of S-1 through S-12 showed high chloride concentrations ranging from 1,200 mg/kg to 10,600 mg/kg at the surface to 1.5' bgs. Vertical delineation was not achieved. Refer to Table 1.

Horizontal Delineation

The areas of H-1 through H-15 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

Trenches

On June 27, 2022, Carmona Resources personnel were on site to vertically define the release via backhoe. A total of thirteen (13) trenches (T-1 through T-13) were installed to depths ranging from surface to 3.0' below the surface. 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 TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All areas were vertically delineated. The sampling results are summarized in Table 1; see Figure 3 for the sample locations.

5.0 Proposed Work Plan

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

- The area of S-1 (Trench-1) will be excavated to a depth of 4.0' below the surface and backfilled with clean material to grade.
- The areas of S-2 through S-12 (Trench-2 through Trench-12) will be excavated to a depth of

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2.0' below the surface and backfilled with clean material to grade.

- Concho requests a variance per 19.15.29.14. A NMAC, Concho will collect composite sidewall and bottom hole floor samples every 400 square feet. An estimated 2,688 cubic yards will be removed and hauled to the nearest disposal.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The affected areas in the pasture will be seeded with the appropriate seed mixture. The remediation will be implemented 90 days after the work plan is approved.
- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, COG will excavate the impacted soils to the maximum extent possible.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

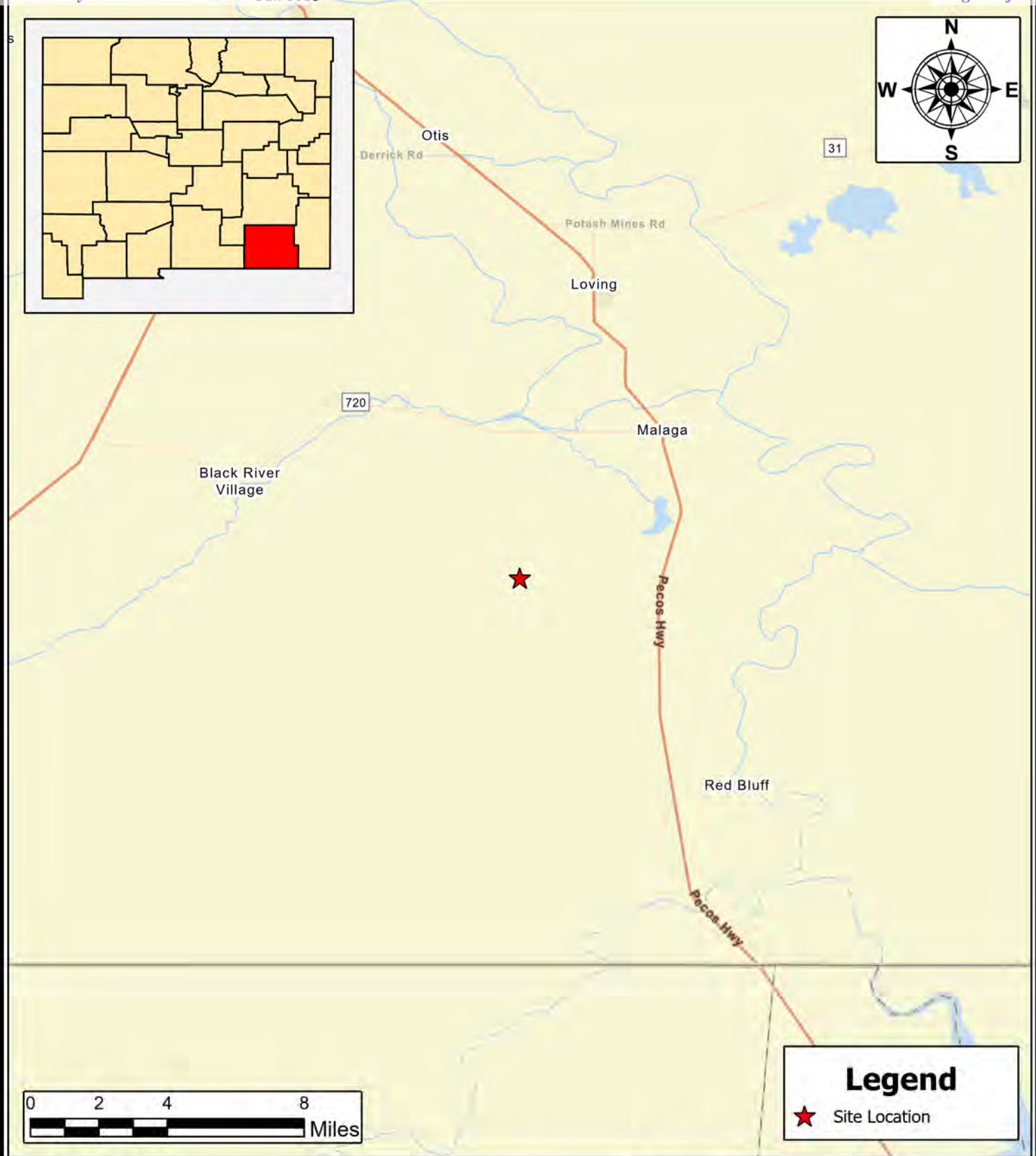
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

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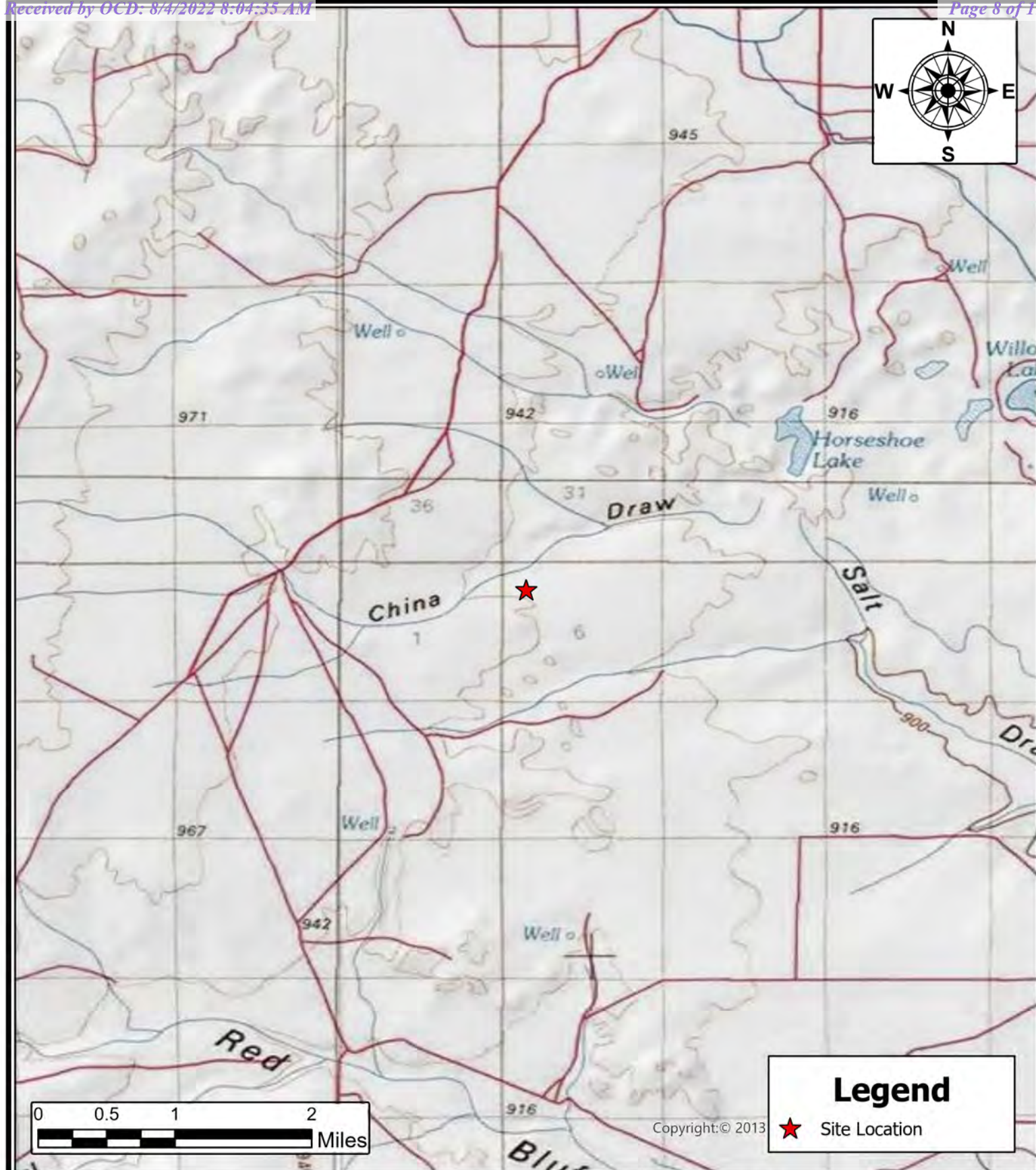


OVERVIEW MAP COG OPERATING SCOUT STATE COM 605 FRAC SPILL EDDY COUNTY, NEW MEXICO 32.164186, -104.133059	
SCALE: As Shown	Date: 8/1/2022

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

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1



TOPOGRAPHIC MAP
COG OPERATING
SCOUT STATE COM 605 FRAC SPILL
EDDY COUNTY, NEW MEXICO
32.164186, -104.133059

SCALE: As Shown

Date: 8/1/2022



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NOTES:

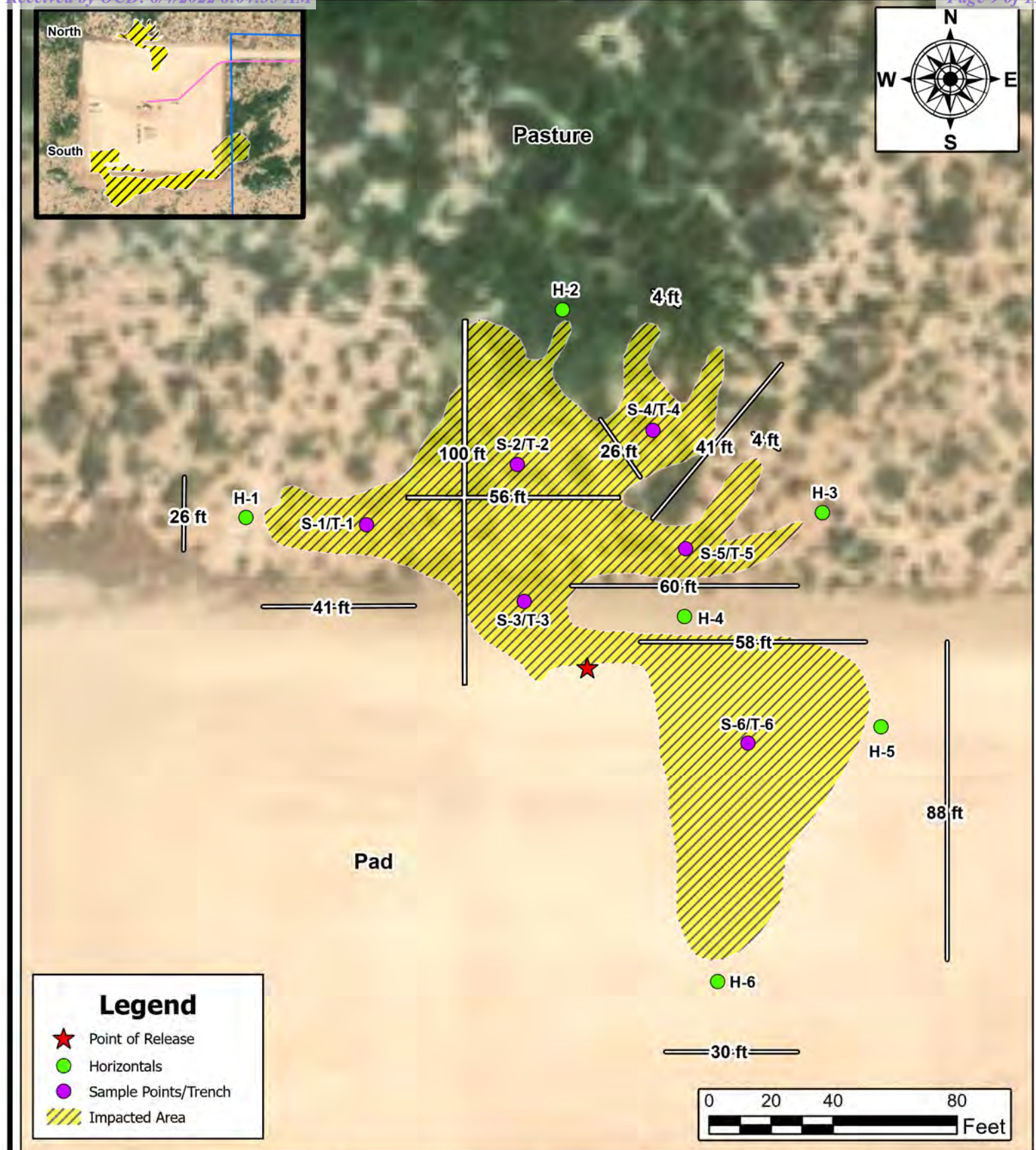
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



Legend

- ★ Point of Release
- Horizontals
- Sample Points/Trench
- Impacted Area

NOTES:

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

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

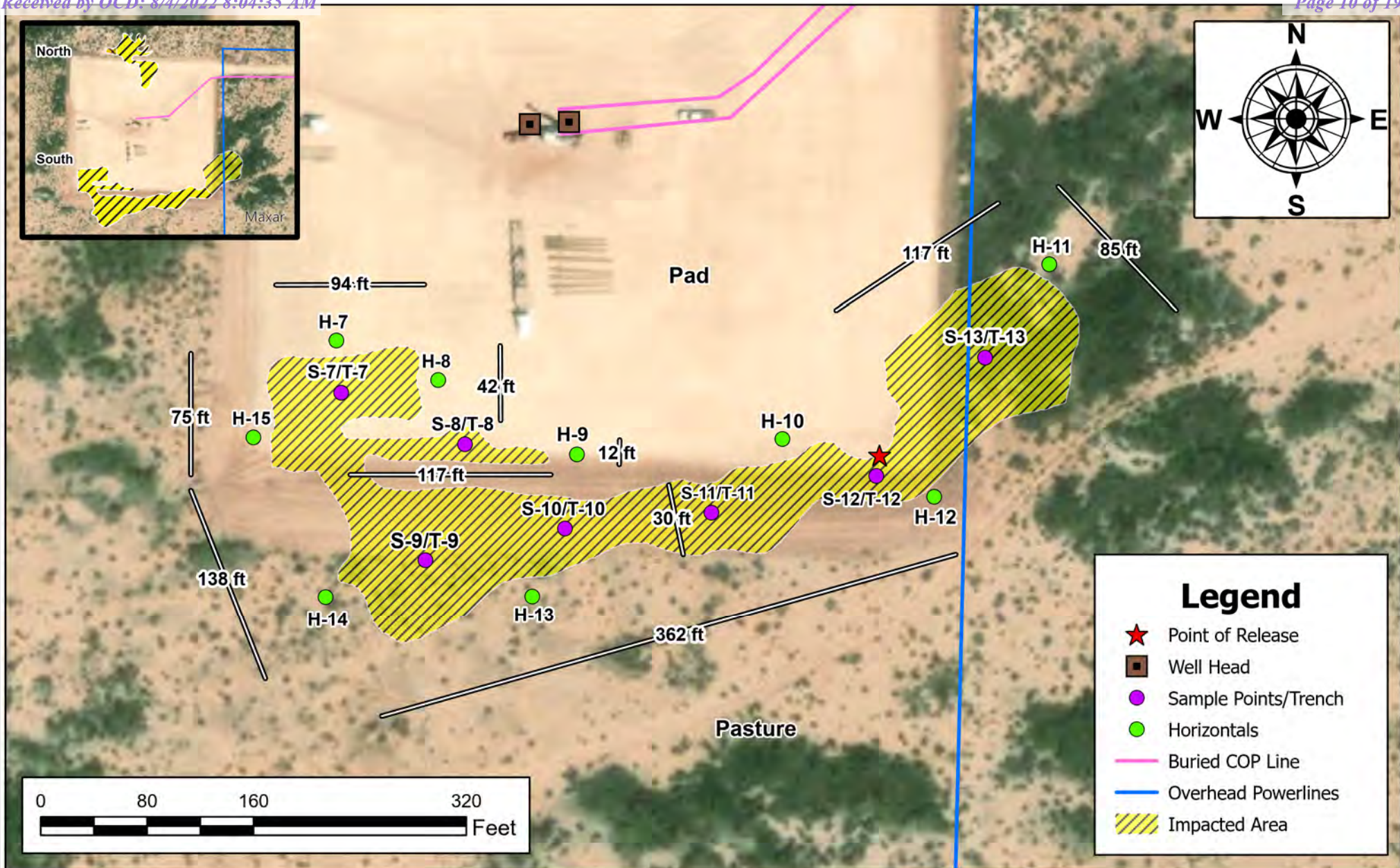
1 of 2

SAMPLE LOCATION MAP
COG OPERATING
 SCOUT STATE COM 605 FRAC SPILL (NORTH)
 EDDY COUNTY, NEW MEXICO
 32.164186, -104.133059

SCALE: As Shown

Date: 8/1/2022

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SAMPLE LOCATION MAP
COG OPERATING
 SCOUT STATE COM 605 FRAC SPILL (SOUTH)
 EDDY COUNTY, NEW MEXICO
 32.164186, -104.133059

SCALE: As Shown

Date: 8/1/2022

Released to Imaging: 9/12/2022 11:03:20 AM



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NOTES:

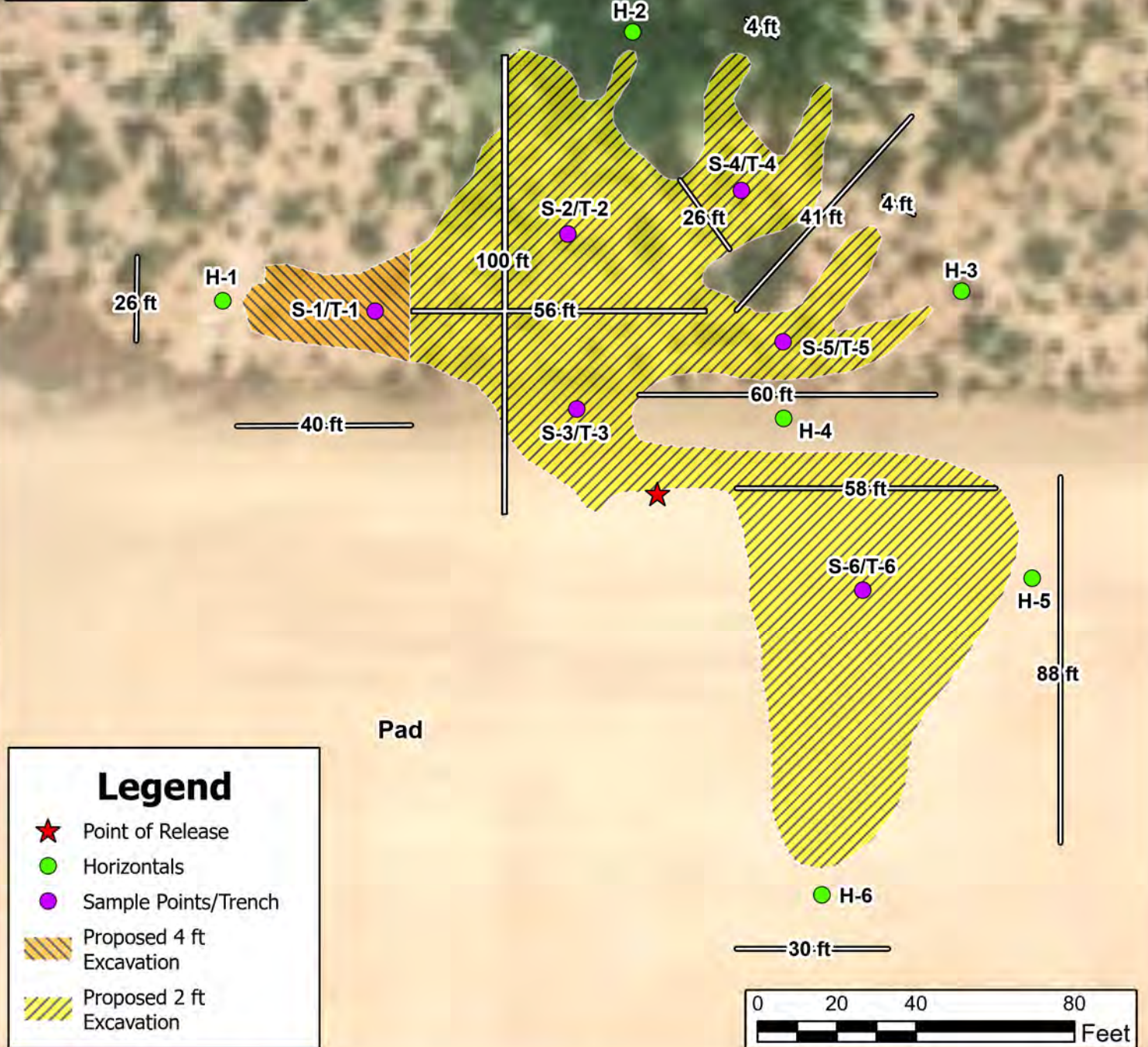
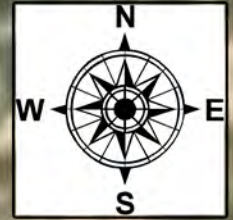
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

2 of 2



PROPOSED EXCAVATION DEPTH MAP
COG OPERATING
 SCOUT STATE COM 605 FRAC SPILL (NORTH)
 EDDY COUNTY, NEW MEXICO
 32.164179, -104.133094

SCALE: As Shown

Date: 8/1/2022


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NOTES:

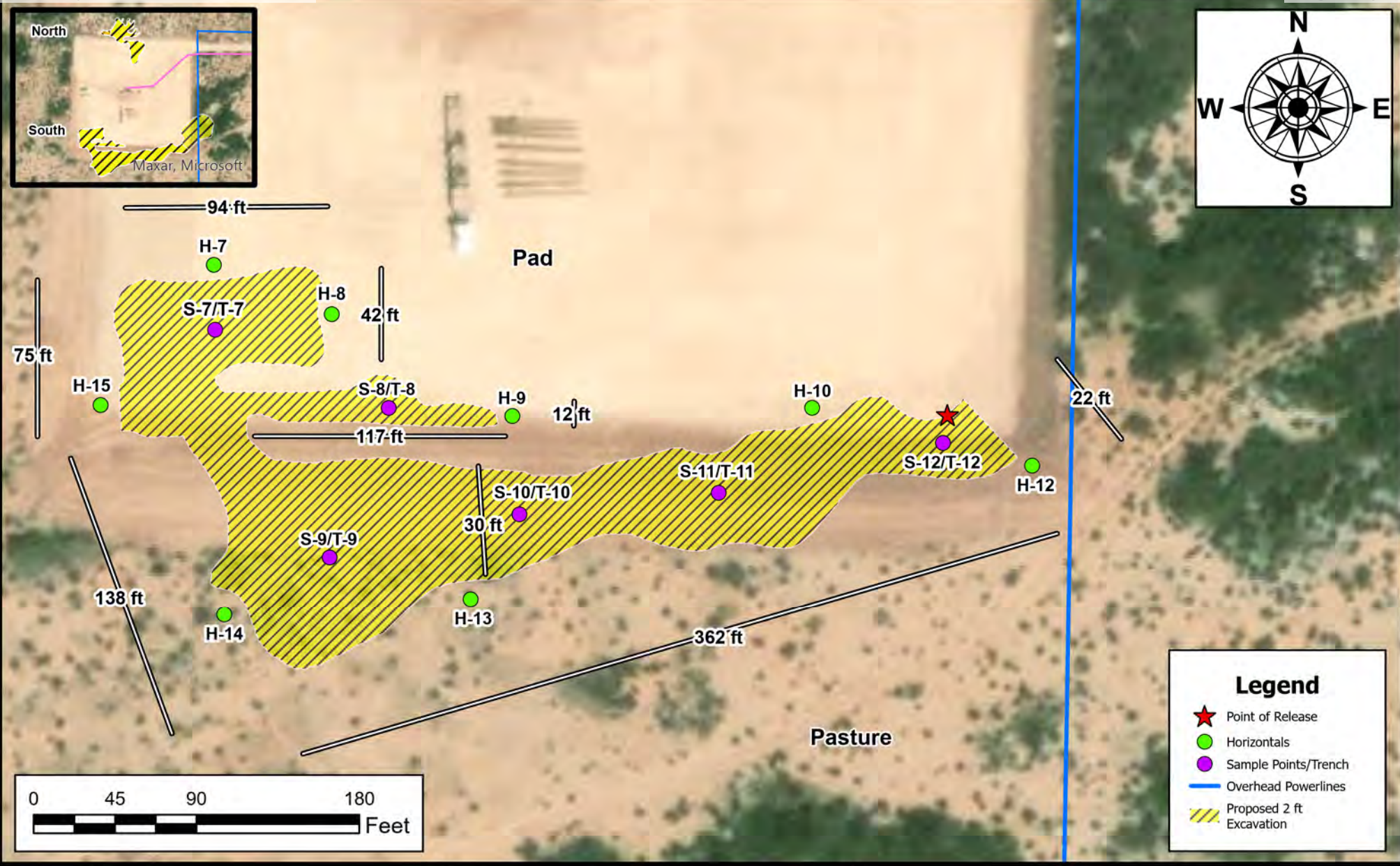
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 2



PROPOSED EXCAVATION DEPTH MAP
COG OPERATING
 SCOUT STATE COM 605 FRAC SPILL (SOUTH)
 EDDY COUNTY, NEW MEXICO
 32.164179, -104.133094



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 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:

2 of 2

SCALE: As Shown

Date: 8/1/2022

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Scout State Com 605 Frac Spill
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	6/7/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,890	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,070	
T-1	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,800	
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	57.0	
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	611	
	"	4	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	461	
S-2	6/7/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,420	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,050	
T-2	6/27/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.7	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	523	
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	398	
S-3	6/7/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	4,810	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,970	
T-3	6/27/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	256	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	375	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	541	
S-4	6/7/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,450	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,040	
T-4	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	10,100	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	12.9	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	29.3	
S-5	6/7/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,970	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	5,970	
T-5	6/27/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	72.3	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.3	
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	67.6	
S-6	6/7/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,920	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4,930	
T-6	6/27/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	326	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	23.7	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	137	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(T) Trench

 Proposed Excavation

Table 1
COG
Scout State Com 605 Frac Spill
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-7	6/7/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9,220	
	"	1.5	<50.0	880	137	1,020	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	7,190	
T-7	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18.3	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	185	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	228	
S-8	6/7/2022	0-1	<50.0	791	124	915	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	7,600	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,610	
T-8	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	137	
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	36.1	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	139	
S-9	6/7/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	735	
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,500	
T-9	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9,840	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	133	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116	
S-10	6/7/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,220	
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,090	
T-10	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3,630	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	98.1	
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	74.1	
S-11	6/7/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,260	
	"	1.5	<50.0	231	<50.0	231	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	609	
T-11	6/27/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10,600	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.00	
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	234	
S-12	6/7/2022	0-1	<50.0	837	<50.0	837	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,790	
T-12	6/27/2022	0-1	<49.9	1,210	<49.9	1,210	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,200	
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	294	
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	457	
S-13	6/7/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	105	
T-13	6/27/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	147	
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.2	
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	471	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(T) Trench

Proposed Excavation

Table 1
COG
Scout State Com 605 Frac Spill
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	54.7
H-2	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	57.9
H-3	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	77.8
H-4	6/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	75.4
H-5	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.0
H-6	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	88.6
H-7	6/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	74.0
H-8	6/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	81.7
H-9	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	88.4
H-10	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.7
H-11	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	42.7
H-12	6/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.3
H-13	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	45.8
H-14	6/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	42.0
H-15	6/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.73
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) Horizontal

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 1****Facility:** Scout State Com 605 Frac Spill**County:** Eddy County, New Mexico**Description:**

View East, area of (S-1/T-1, S-2/T-2, and S-3/T-3).

**Photograph No. 2****Facility:** Scout State Com 605 Frac Spill**County:** Eddy County, New Mexico**Description:**

View North, area of (S-4/T-4, and S-5/T-5).

**Photograph No. 3****Facility:** Scout State Com 605 Frac Spill**County:** Eddy County, New Mexico**Description:**

View Northwest, area of (S-6/T-6).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Scout State Com 605 Frac Spill

County: Eddy County, New Mexico

Description:

View North, area of (S-7/T-7).



Photograph No. 5

Facility: Scout State Com 605 Frac Spill

County: Eddy County, New Mexico

Description:

View East, area of (S-8/T-8).



Photograph No. 6

Facility: Scout State Com 605 Frac Spill

County: Eddy County, New Mexico

Description:

View Southwest, area of (S-9/T-9, S-10/T-10, 11/T-11, and S-12/T-12).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 7**Facility:** Scout State Com 605 Frac Spill**County:** Eddy County, New Mexico**Description:**

View Southwest, area of (S-13/T/13).



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name _____	Title: _____
Signature: <u></u> _____	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>05/17/2022</u>

L48 Spill Volume Estimate Form

Received by OCD: 8/4/2022 8:04:35 AM

Page 24 of 195

NAPP2213745923

Number:	SCOUT STATE COM 605H 606H
Asset Area:	STATE LINE NORTH: NEW MEXICO
Release Discovery Date & Time:	5/5/2022 9:00AM
Release Type:	Produced Water
Provide any known details about the event:	HOLE IN LAYFLAT HOSE BETWEEN MANIFOLD AND PUMP DOWN TANKS ON LOCATION: 60bbls RECOVERED BY

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
ON LOCATION 1	20.0	30.0	2.00	4	600.000	0.042	4.450	0.002	4.459
ON LOCATION 2	15.0	10.0	12.00	4	150.000	0.250	6.675	0.013	6.758
ON LOCATION 3	149.0	13.0	3.00	4	1937.000	0.063	21.549	0.003	21.616
OFF LOCATION 1	22.0	22.0	3.00	4	484.000	0.063	5.385	0.003	5.401
OFF LOCATION 2	14.0	200.0	3.00	4	2800.000	0.063	31.150	0.003	31.247
OFF LOCATION 3	25.0	50.0	3.00	4	1250.000	0.063	13.906	0.003	13.950
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Volume Release:									83.433

Released to Imaging: 9/12/2022 11:03:20 AM

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 107612

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 107612
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	5/17/2022

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: Justin Carlile 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: Justin Carlile Date: _____
email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Signature: Jennifer Nebui Date: 09/12/2022

APPENDIX D

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 1.10 Miles
- USGS Water Well
- Scout State Com 605 Frac Spill



Scout State Com 605 Frac Spill

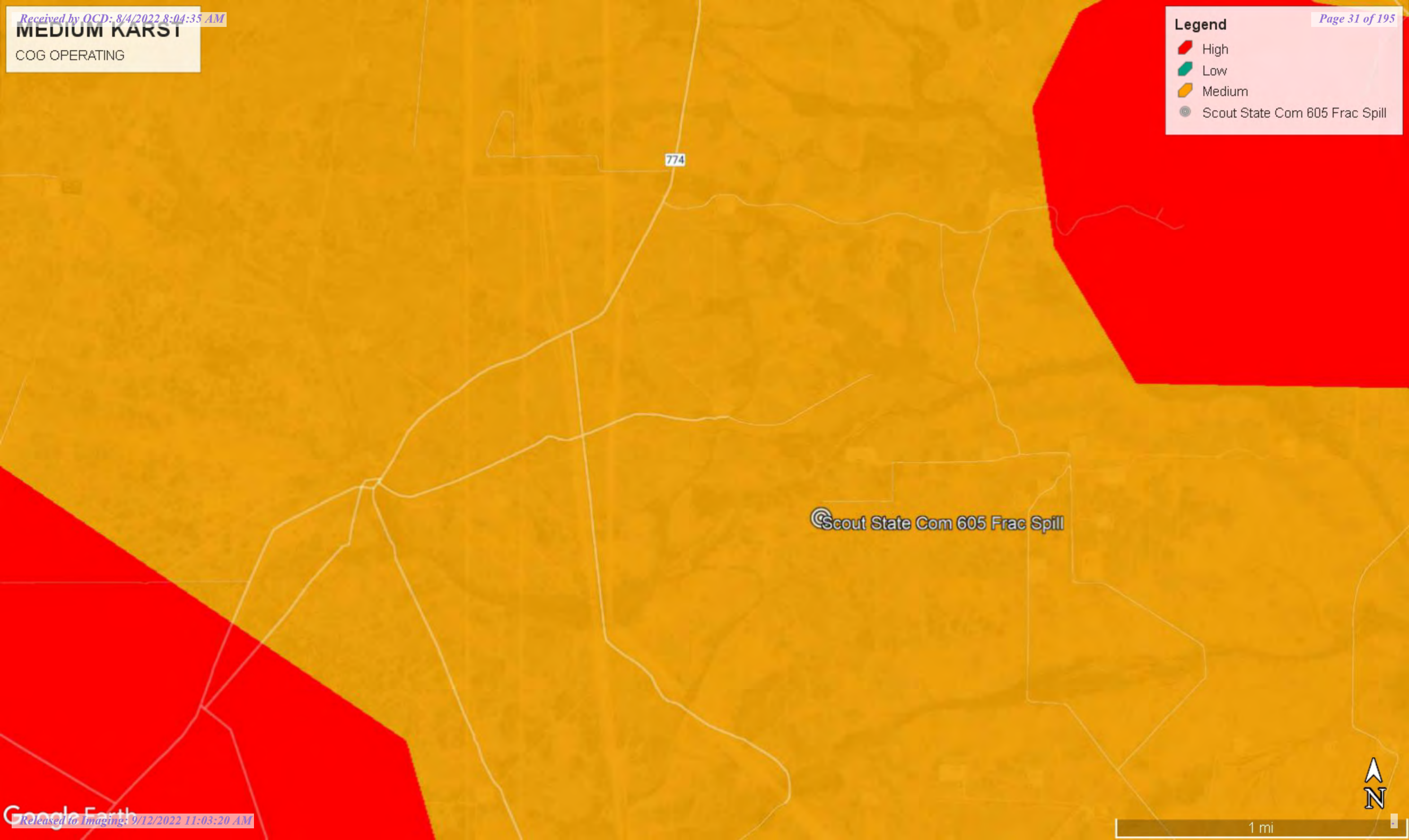
59.35' - Drilled 1948

MEDIUM KARST

COG OPERATING

Legend

- High
- Low
- Medium
- Scout State Com 605 Frac Spill



1 mi



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03263 POD1	CUB	ED		1	1	1	07	25S	28E	581628	3557501*	1434	133		
C 03264 POD1	CUB	ED		2	1	2	02	25S	27E	579391	3559099*	2453			
C 04501 POD1	CUB	ED		3	4	1	29	24S	28E	583580	3561778	3347	80		
C 01721	C	ED				1	25	24S	27E	580271	3562033*	3485	170		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 4

UTM NAD83 Radius Search (in meters):

Easting (X): 581838

Northing (Y): 3558920

Radius: 4000

*UTM location was derived from PLSS - see Help

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

5/30/22 12:20 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320920104065701

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320920104065701 25S.28E.05.331112

Eddy County, New Mexico
Latitude 32°09'20", Longitude 104°06'57" NAD27
Land-surface elevation 3,012 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1948-12-06			D	62610	2951.05	NGVD29	1		Z	
1948-12-06			D	62611	2952.65	NAVD88	1		Z	
1948-12-06			D	72019	59.35		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.

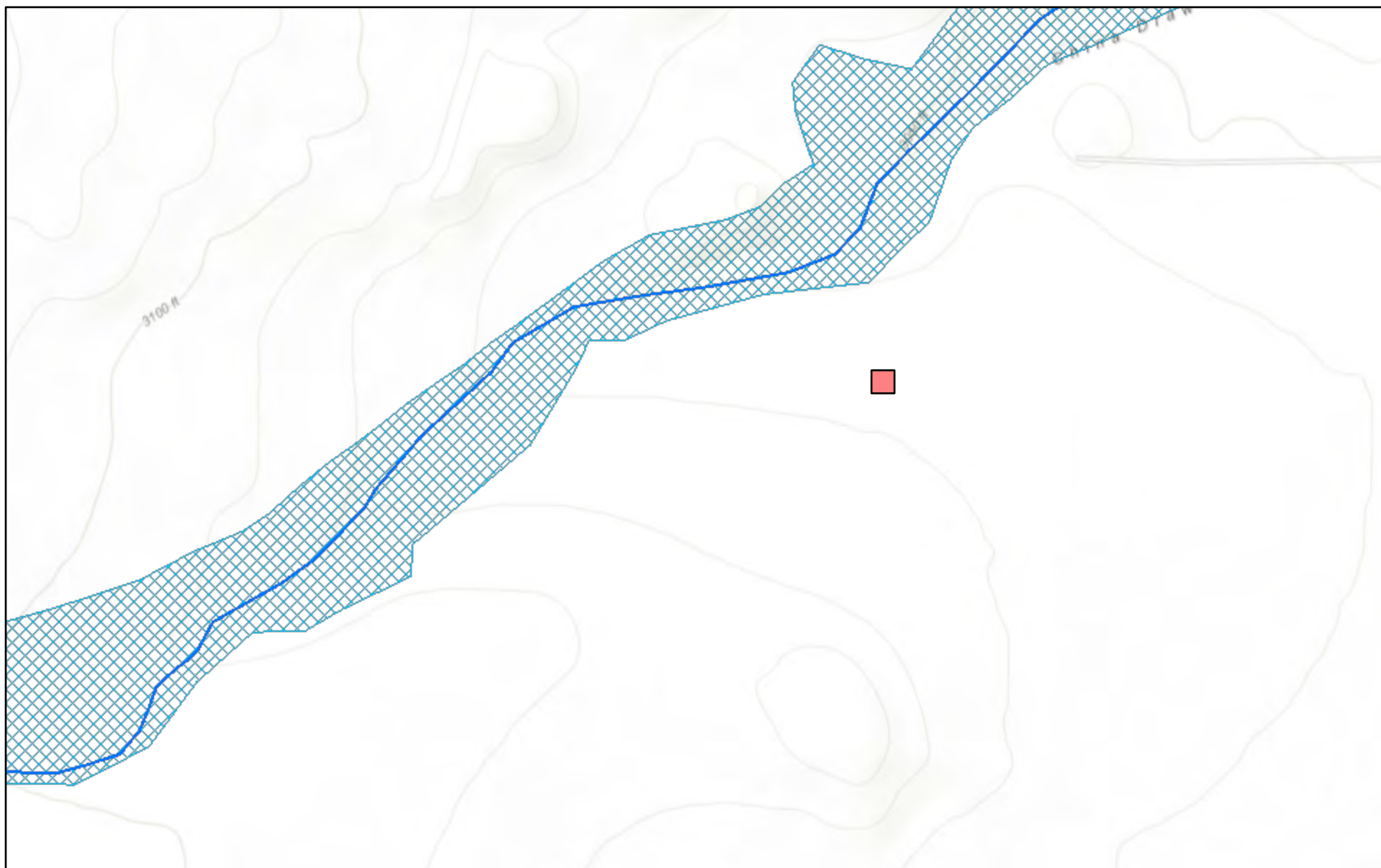
[Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320920104065701&agency_cd=USGS&format=html)

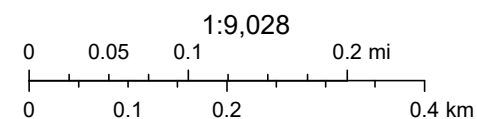


Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-05-30 14:27:34 EDT
0.27 0.23 nadww02

New Mexico NFHL Data



May 30, 2022



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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

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: 880-15629-1

Laboratory Sample Delivery Group: Eddy Co. NM
Client Project/Site: Scout State Com 605 Frac Spill

For:

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

Attn: Conner Moehring

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

Authorized for release by:

6/17/2022 9:53:40 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Laboratory Job ID: 880-15629-1
SDG: Eddy Co. NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Job ID: 880-15629-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-15629-1****Receipt**

The samples were received on 6/8/2022 10:59 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 0.1°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27135 and analytical batch 880-27242 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27360 and analytical batch 880-27442 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27499 and analytical batch 880-27512 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27165 and analytical batch 880-27246 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 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-6 (0-1') (880-15629-11). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27167 and analytical batch 880-27244 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-27167/2-A), (880-15629-A-21-C MS) and (880-15629-A-21-D 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

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-27191 and analytical batch 880-27505 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-1

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 10:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 10:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 10:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/09/22 08:57	06/10/22 10:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 10:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/09/22 08:57	06/10/22 10:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/09/22 08:57	06/10/22 10:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/09/22 08:57	06/10/22 10:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	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 F2	49.9		mg/Kg		06/09/22 10:10	06/10/22 11:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		06/09/22 10:10	06/10/22 11:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	06/09/22 10:10	06/10/22 11:38	1
o-Terphenyl	79		70 - 130	06/09/22 10:10	06/10/22 11:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2890		25.0		mg/Kg			06/16/22 02:14	5

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-15629-2

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 10:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 10:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 10:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/09/22 08:57	06/10/22 10:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 10:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/09/22 08:57	06/10/22 10:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/09/22 08:57	06/10/22 10:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/09/22 08:57	06/10/22 10:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-15629-2

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 12:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 12:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/09/22 10:10	06/10/22 12:44	1
o-Terphenyl	91		70 - 130				06/09/22 10:10	06/10/22 12:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		24.8		mg/Kg			06/16/22 02:22	5

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

Lab Sample ID: 880-15629-3

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 10:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 10:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 10:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/09/22 08:57	06/10/22 10:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 10:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/09/22 08:57	06/10/22 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/09/22 08:57	06/10/22 10:49	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/09/22 08:57	06/10/22 10:49	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			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 13:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 13:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-3

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/09/22 10:10	06/10/22 13:06	1
o-Terphenyl	97		70 - 130				06/09/22 10:10	06/10/22 13:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3420		25.2		mg/Kg			06/16/22 02:30	5

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-15629-4

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/09/22 08:57	06/10/22 11:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/09/22 08:57	06/10/22 11:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/09/22 08:57	06/10/22 11:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/09/22 08:57	06/10/22 11:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/09/22 08:57	06/10/22 11:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/09/22 08:57	06/10/22 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/09/22 08:57	06/10/22 11:09	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/09/22 08:57	06/10/22 11:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 13:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 13:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/09/22 10:10	06/10/22 13:29	1
o-Terphenyl	95		70 - 130				06/09/22 10:10	06/10/22 13:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		4.98		mg/Kg			06/16/22 02:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-5

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 11:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 11:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 11:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/09/22 08:57	06/10/22 11:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 11:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/09/22 08:57	06/10/22 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/09/22 08:57	06/10/22 11:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/09/22 08:57	06/10/22 11:30	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 13:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 13:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	06/09/22 10:10	06/10/22 13:52	1
o-Terphenyl	96		70 - 130	06/09/22 10:10	06/10/22 13:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4810		49.6		mg/Kg			06/16/22 03:01	10

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-15629-6

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 11:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 11:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 11:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/09/22 08:57	06/10/22 11:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/09/22 08:57	06/10/22 11:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/09/22 08:57	06/10/22 11:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/09/22 08:57	06/10/22 11:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/09/22 08:57	06/10/22 11:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-15629-6

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 14:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 14:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/09/22 10:10	06/10/22 14:15	1
o-Terphenyl	96		70 - 130				06/09/22 10:10	06/10/22 14:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1970		24.9		mg/Kg			06/16/22 03:09	5

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

Lab Sample ID: 880-15629-7

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 12:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 12:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 12:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/09/22 08:57	06/10/22 12:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/09/22 08:57	06/10/22 12:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/09/22 08:57	06/10/22 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/09/22 08:57	06/10/22 12:11	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/09/22 08:57	06/10/22 12:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 14:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-7

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/09/22 10:10	06/10/22 14:37	1
o-Terphenyl	89		70 - 130				06/09/22 10:10	06/10/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4450		49.9		mg/Kg			06/16/22 03:17	10

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-15629-8

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 12:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 12:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 12:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/09/22 08:57	06/10/22 12:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/09/22 08:57	06/10/22 12:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/09/22 08:57	06/10/22 12:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/09/22 08:57	06/10/22 12:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/09/22 08:57	06/10/22 12:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 15:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 15:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				06/09/22 10:10	06/10/22 15:00	1
o-Terphenyl	100		70 - 130				06/09/22 10:10	06/10/22 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2040		25.0		mg/Kg			06/16/22 03:25	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-9

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 12:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 12:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 12:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/09/22 09:03	06/10/22 12:53	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		06/09/22 09:03	06/10/22 12:53	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		06/09/22 09:03	06/10/22 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/09/22 09:03	06/10/22 12:53	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/09/22 09:03	06/10/22 12:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 15:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 15:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/09/22 10:10	06/10/22 15:23	1
o-Terphenyl	90		70 - 130	06/09/22 10:10	06/10/22 15:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5970		49.7		mg/Kg			06/16/22 03:32	10

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-15629-10

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/09/22 09:03	06/10/22 13:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/09/22 09:03	06/10/22 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/09/22 09:03	06/10/22 13:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/09/22 09:03	06/10/22 13:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-15629-10

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 15:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 15:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/09/22 10:10	06/10/22 15:45	1
o-Terphenyl	91		70 - 130				06/09/22 10:10	06/10/22 15:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5970		50.0		mg/Kg			06/16/22 03:40	10

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

Lab Sample ID: 880-15629-11

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/09/22 09:03	06/10/22 13:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/09/22 09:03	06/10/22 13:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/09/22 09:03	06/10/22 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/09/22 09:03	06/10/22 13:34	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/09/22 09:03	06/10/22 13:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 16:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 16:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-11

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				06/09/22 10:10	06/10/22 16:30	1
o-Terphenyl	71		70 - 130				06/09/22 10:10	06/10/22 16:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1920		50.4		mg/Kg			06/16/22 04:04	10

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

Lab Sample ID: 880-15629-12

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 13:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 13:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 13:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/09/22 09:03	06/10/22 13:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 13:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/09/22 09:03	06/10/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/09/22 09:03	06/10/22 13:55	1
1,4-Difluorobenzene (Surr)	107		70 - 130				06/09/22 09:03	06/10/22 13:55	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			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 16:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 16:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/09/22 10:10	06/10/22 16:53	1
o-Terphenyl	88		70 - 130				06/09/22 10:10	06/10/22 16:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4930		99.6		mg/Kg			06/16/22 04:12	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-15629-13

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 14:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 14:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 14:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/09/22 09:03	06/10/22 14:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 14:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/09/22 09:03	06/10/22 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/09/22 09:03	06/10/22 14:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/09/22 09:03	06/10/22 14:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 17:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 17:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/09/22 10:10	06/10/22 17:16	1
o-Terphenyl	100		70 - 130	06/09/22 10:10	06/10/22 17:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9220		49.5		mg/Kg			06/16/22 17:40	10

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

Lab Sample ID: 880-15629-14

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/09/22 09:03	06/10/22 14:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/09/22 09:03	06/10/22 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/09/22 09:03	06/10/22 14:37	1
1,4-Difluorobenzene (Surr)	109		70 - 130	06/09/22 09:03	06/10/22 14:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-14

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/13/22 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1020		50.0		mg/Kg			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 17:38	1
Diesel Range Organics (Over C10-C28)	880		50.0		mg/Kg		06/09/22 10:10	06/10/22 17:38	1
Oil Range Organics (Over C28-C36)	137		50.0		mg/Kg		06/09/22 10:10	06/10/22 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				06/09/22 10:10	06/10/22 17:38	1
o-Terphenyl	92		70 - 130				06/09/22 10:10	06/10/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7190		99.8		mg/Kg			06/16/22 04:43	20

Client Sample ID: S-8 (1.51')

Lab Sample ID: 880-15629-15

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/09/22 09:03	06/10/22 14:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/09/22 09:03	06/10/22 14:57	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/09/22 09:03	06/10/22 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				06/09/22 09:03	06/10/22 14:57	1
1,4-Difluorobenzene (Surr)	109		70 - 130				06/09/22 09:03	06/10/22 14:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/13/22 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	915		50.0		mg/Kg			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 18:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-8 (1.51')

Lab Sample ID: 880-15629-15

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	791		50.0		mg/Kg		06/09/22 10:10	06/10/22 18:00	1
Oil Range Organics (Over C28-C36)	124		50.0		mg/Kg		06/09/22 10:10	06/10/22 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				06/09/22 10:10	06/10/22 18:00	1
o-Terphenyl	94		70 - 130				06/09/22 10:10	06/10/22 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7600		99.0		mg/Kg			06/16/22 04:51	20

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

Lab Sample ID: 880-15629-16

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 15:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 15:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 15:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/09/22 09:03	06/10/22 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 15:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/09/22 09:03	06/10/22 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/09/22 09:03	06/10/22 15:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130				06/09/22 09:03	06/10/22 15:18	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 18:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/09/22 10:10	06/10/22 18:22	1
o-Terphenyl	93		70 - 130				06/09/22 10:10	06/10/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1610		25.0		mg/Kg			06/16/22 04:59	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-15629-17

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 15:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 15:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 15:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/09/22 09:03	06/10/22 15:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/09/22 09:03	06/10/22 15:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/09/22 09:03	06/10/22 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/09/22 09:03	06/10/22 15:39	1
1,4-Difluorobenzene (Surr)	106		70 - 130	06/09/22 09:03	06/10/22 15:39	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			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 18:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	06/09/22 10:10	06/10/22 18:44	1
o-Terphenyl	96		70 - 130	06/09/22 10:10	06/10/22 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	735		4.97		mg/Kg			06/16/22 17:49	1

Client Sample ID: S-10 (0-1')

Lab Sample ID: 880-15629-18

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/09/22 09:03	06/10/22 16:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/09/22 09:03	06/10/22 16:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/09/22 09:03	06/10/22 16:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/09/22 09:03	06/10/22 16:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/09/22 09:03	06/10/22 16:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/09/22 09:03	06/10/22 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/09/22 09:03	06/10/22 16:00	1
1,4-Difluorobenzene (Surr)	107		70 - 130	06/09/22 09:03	06/10/22 16:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-10 (0-1')

Lab Sample ID: 880-15629-18

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 19:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:10	06/10/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/09/22 10:10	06/10/22 19:06	1
o-Terphenyl	92		70 - 130				06/09/22 10:10	06/10/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		25.0		mg/Kg			06/16/22 05:08	5

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-15629-19

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 08:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 08:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 08:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 08:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 08:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 08:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/11/22 18:59	06/13/22 08:08	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/11/22 18:59	06/13/22 08:08	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 19:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 19:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-15629-19

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/09/22 10:10	06/10/22 19:29	1
o-Terphenyl	83		70 - 130				06/09/22 10:10	06/10/22 19:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2220		25.0		mg/Kg			06/16/22 05:15	5

Client Sample ID: S-11 (0-1')

Lab Sample ID: 880-15629-20

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 08:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 08:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 08:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 08:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 08:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 08:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/11/22 18:59	06/13/22 08:28	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/11/22 18:59	06/13/22 08:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/09/22 10:10	06/10/22 19:51	1
o-Terphenyl	80		70 - 130				06/09/22 10:10	06/10/22 19:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.00		mg/Kg			06/14/22 19:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-15629-21

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 10:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 10:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 10:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 10:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 10:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 10:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/11/22 18:59	06/13/22 10:32	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/11/22 18:59	06/13/22 10:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		06/09/22 10:13	06/10/22 11:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		06/09/22 10:13	06/10/22 11:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	06/09/22 10:13	06/10/22 11:38	1
o-Terphenyl	82		70 - 130	06/09/22 10:13	06/10/22 11:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260		24.8		mg/Kg			06/14/22 20:20	5

Client Sample ID: S-12 (0-1')

Lab Sample ID: 880-15629-22

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 10:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 10:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 10:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 10:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 10:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	06/11/22 18:59	06/13/22 10:53	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/11/22 18:59	06/13/22 10:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-12 (0-1')

Lab Sample ID: 880-15629-22

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/13/22 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	231		50.0		mg/Kg			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 12:44	1
Diesel Range Organics (Over C10-C28)	231		50.0		mg/Kg		06/09/22 10:13	06/10/22 12:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 12:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				06/09/22 10:13	06/10/22 12:44	1
o-Terphenyl	76		70 - 130				06/09/22 10:13	06/10/22 12:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	609		25.0		mg/Kg			06/14/22 20:29	5

Client Sample ID: S-12 (0-1')

Lab Sample ID: 880-15629-23

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 11:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 11:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/11/22 18:59	06/13/22 11:13	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/11/22 18:59	06/13/22 11:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	837		50.0		mg/Kg			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 13:06	1
Diesel Range Organics (Over C10-C28)	837		50.0		mg/Kg		06/09/22 10:13	06/10/22 13:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-12 (0-1')

Lab Sample ID: 880-15629-23

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/09/22 10:13	06/10/22 13:06	1
o-Terphenyl	82		70 - 130				06/09/22 10:13	06/10/22 13:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790		50.0		mg/Kg			06/14/22 20:38	10

Client Sample ID: S-13 (0-1')

Lab Sample ID: 880-15629-24

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 11:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/11/22 18:59	06/13/22 11:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/11/22 18:59	06/13/22 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/11/22 18:59	06/13/22 11:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/11/22 18:59	06/13/22 11:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 13:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 13:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/09/22 10:13	06/10/22 13:29	1
o-Terphenyl	80		70 - 130				06/09/22 10:13	06/10/22 13:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		4.98		mg/Kg			06/14/22 20:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-25

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 11:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 11:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 11:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 11:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 11:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/11/22 18:59	06/13/22 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/11/22 18:59	06/13/22 11:54	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/11/22 18:59	06/13/22 11:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 13:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 13:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	06/09/22 10:13	06/10/22 13:52	1
o-Terphenyl	80		70 - 130	06/09/22 10:13	06/10/22 13:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.7		4.95		mg/Kg			06/14/22 21:15	1

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

Lab Sample ID: 880-15629-26

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/11/22 18:59	06/13/22 12:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/11/22 18:59	06/13/22 12:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/11/22 18:59	06/13/22 12:15	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/11/22 18:59	06/13/22 12:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/11/22 18:59	06/13/22 12:15	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/11/22 18:59	06/13/22 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/11/22 18:59	06/13/22 12:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/11/22 18:59	06/13/22 12:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-26

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 14:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 14:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/09/22 10:13	06/10/22 14:15	1
o-Terphenyl	78		70 - 130				06/09/22 10:13	06/10/22 14:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.9		4.95		mg/Kg			06/14/22 21:24	1

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

Lab Sample ID: 880-15629-27

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 12:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/11/22 18:59	06/13/22 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 12:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/11/22 18:59	06/13/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/11/22 18:59	06/13/22 12:35	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/11/22 18:59	06/13/22 12:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 14:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 14:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-27

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				06/09/22 10:13	06/10/22 14:37	1
o-Terphenyl	76		70 - 130				06/09/22 10:13	06/10/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.8		5.01		mg/Kg			06/14/22 21:34	1

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

Lab Sample ID: 880-15629-28

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 12:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 12:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 12:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 12:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/11/22 18:59	06/13/22 12:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/11/22 18:59	06/13/22 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/11/22 18:59	06/13/22 12:56	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/11/22 18:59	06/13/22 12:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 15:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 15:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				06/09/22 10:13	06/10/22 15:00	1
o-Terphenyl	81		70 - 130				06/09/22 10:13	06/10/22 15:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.4		4.99		mg/Kg			06/14/22 21:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-29

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 10:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 10:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 10:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/13/22 07:45	06/14/22 10:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 10:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/13/22 07:45	06/14/22 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/13/22 07:45	06/14/22 10:16	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/13/22 07:45	06/14/22 10:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 15:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 15:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	06/09/22 10:13	06/10/22 15:23	1
o-Terphenyl	77		70 - 130	06/09/22 10:13	06/10/22 15:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.0		4.97		mg/Kg			06/14/22 21:52	1

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

Lab Sample ID: 880-15629-30

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 10:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 10:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 10:37	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/13/22 07:45	06/14/22 10:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 10:37	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/13/22 07:45	06/14/22 10:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/13/22 07:45	06/14/22 10:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/13/22 07:45	06/14/22 10:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-30

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 15:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				06/09/22 10:13	06/10/22 15:45	1
o-Terphenyl	80		70 - 130				06/09/22 10:13	06/10/22 15:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.6		4.96		mg/Kg			06/14/22 22:01	1

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

Lab Sample ID: 880-15629-31

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/13/22 07:45	06/14/22 10:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/13/22 07:45	06/14/22 10:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/13/22 07:45	06/14/22 10:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/13/22 07:45	06/14/22 10:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/13/22 07:45	06/14/22 10:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/13/22 07:45	06/14/22 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/13/22 07:45	06/14/22 10:57	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/13/22 07:45	06/14/22 10:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 16:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 16:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-31

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/09/22 10:13	06/10/22 16:30	1
o-Terphenyl	83		70 - 130				06/09/22 10:13	06/10/22 16:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.0		5.04		mg/Kg			06/14/22 22:29	1

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

Lab Sample ID: 880-15629-32

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 11:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/22 07:45	06/14/22 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 11:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/22 07:45	06/14/22 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/13/22 07:45	06/14/22 11:18	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/13/22 07:45	06/14/22 11:18	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			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 16:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 16:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				06/09/22 10:13	06/10/22 16:53	1
o-Terphenyl	81		70 - 130				06/09/22 10:13	06/10/22 16:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.7		4.98		mg/Kg			06/14/22 22:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-15629-33

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 11:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 11:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 11:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/13/22 07:45	06/14/22 11:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/13/22 07:45	06/14/22 11:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/13/22 07:45	06/14/22 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/13/22 07:45	06/14/22 11:38	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/13/22 07:45	06/14/22 11:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 17:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 17:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	06/09/22 10:13	06/10/22 17:16	1
o-Terphenyl	78		70 - 130	06/09/22 10:13	06/10/22 17:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.4		5.05		mg/Kg			06/14/22 23:06	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-15629-34

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 11:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 11:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 11:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/13/22 07:45	06/14/22 11:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 11:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/13/22 07:45	06/14/22 11:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/13/22 07:45	06/14/22 11:59	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/13/22 07:45	06/14/22 11:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-15629-34

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 17:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/09/22 10:13	06/10/22 17:38	1
o-Terphenyl	85		70 - 130				06/09/22 10:13	06/10/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.7		5.00		mg/Kg			06/14/22 23:15	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-15629-35

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 12:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 12:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 12:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/13/22 07:45	06/14/22 12:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 12:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/13/22 07:45	06/14/22 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/13/22 07:45	06/14/22 12:19	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/13/22 07:45	06/14/22 12:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 18:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-15629-35

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				06/09/22 10:13	06/10/22 18:00	1
o-Terphenyl	77		70 - 130				06/09/22 10:13	06/10/22 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.7		4.99		mg/Kg			06/14/22 23:24	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-15629-36

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 12:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 12:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 12:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/13/22 07:45	06/14/22 12:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/13/22 07:45	06/14/22 12:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/13/22 07:45	06/14/22 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/13/22 07:45	06/14/22 12:40	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/13/22 07:45	06/14/22 12:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 18:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/09/22 10:13	06/10/22 18:22	1
o-Terphenyl	79		70 - 130				06/09/22 10:13	06/10/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.3		4.98		mg/Kg			06/14/22 23:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-15629-37

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 13:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/22 07:45	06/14/22 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 13:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/22 07:45	06/14/22 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/13/22 07:45	06/14/22 13:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/13/22 07:45	06/14/22 13:00	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			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	06/09/22 10:13	06/10/22 18:44	1
o-Terphenyl	74		70 - 130	06/09/22 10:13	06/10/22 18:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		4.95		mg/Kg			06/14/22 23:43	1

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-15629-38

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 13:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 13:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 13:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/13/22 07:45	06/14/22 13:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/13/22 07:45	06/14/22 13:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/13/22 07:45	06/14/22 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/13/22 07:45	06/14/22 13:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/13/22 07:45	06/14/22 13:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-15629-38

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 19:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 19:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				06/09/22 10:13	06/10/22 19:06	1
o-Terphenyl	77		70 - 130				06/09/22 10:13	06/10/22 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0		4.98		mg/Kg			06/14/22 23:52	1

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-15629-39

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/14/22 11:32	06/15/22 04:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/14/22 11:32	06/15/22 04:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/14/22 11:32	06/15/22 04:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/14/22 11:32	06/15/22 04:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/14/22 11:32	06/15/22 04:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/14/22 11:32	06/15/22 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				06/14/22 11:32	06/15/22 04:44	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/14/22 11:32	06/15/22 04:44	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			06/13/22 12:00	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			06/13/22 08:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 19:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 19:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-15629-39

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/09/22 10:13	06/10/22 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130	06/09/22 10:13	06/10/22 19:29	1
o-Terphenyl	65	S1-	70 - 130	06/09/22 10:13	06/10/22 19:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.73		4.97		mg/Kg			06/15/22 00:01	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
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)
880-15615-A-9-C MS	Matrix Spike	104	98
880-15615-A-9-D MSD	Matrix Spike Duplicate	107	101
880-15629-1	S-1 (0-1')	106	100
880-15629-2	S-1 (1.5')	110	101
880-15629-3	S-2 (0-1')	112	101
880-15629-4	S-2 (1.5')	112	102
880-15629-5	S-3 (0-1')	113	102
880-15629-6	S-3 (1.5')	108	101
880-15629-7	S-4 (0-1')	107	97
880-15629-8	S-4 (1.5')	114	103
880-15629-9	S-5 (0-1')	99	104
880-15629-9 MS	S-5 (0-1')	109	99
880-15629-9 MSD	S-5 (0-1')	105	103
880-15629-10	S-5 (1.5')	113	100
880-15629-11	S-6 (0-1')	121	94
880-15629-12	S-7 (0-1')	97	107
880-15629-13	S-7 (1.5')	102	102
880-15629-14	S-8 (0-1')	94	109
880-15629-15	S-8 (1.5')	93	109
880-15629-16	S-9 (0-1')	98	108
880-15629-17	S-9 (1.5')	92	106
880-15629-18	S-10 (0-1')	101	107
880-15629-19	S-10 (1.5')	105	90
880-15629-20	S-11 (0-1')	104	92
880-15629-21	S-11 (1.5')	106	93
880-15629-22	S-12 (0-1')	89	84
880-15629-23	S-12 (0-1')	110	99
880-15629-24	S-13 (0-1')	110	96
880-15629-25	H-1 (0-0.5')	110	93
880-15629-26	H-2 (0-0.5')	110	95
880-15629-27	H-3 (0-0.5')	109	93
880-15629-28	H-4 (0-0.5')	109	91
880-15629-29	H-5 (0-0.5')	108	93
880-15629-30	H-6 (0-0.5')	114	91
880-15629-31	H-7 (0-0.5')	112	93
880-15629-32	H-8 (0-0.5')	99	87
880-15629-33	H-9 (0-0.5')	104	87
880-15629-34	H-10 (0-0.5')	110	93
880-15629-35	H-11 (0-0.5')	110	93
880-15629-36	H-12 (0-0.5')	110	89
880-15629-37	H-13 (0-0.5')	109	92
880-15629-38	H-14 (0-0.5')	112	91
880-15629-39	H-15 (0-0.5')	96	92
880-15717-A-61-I MS	Matrix Spike	113	101
880-15717-A-61-J MSD	Matrix Spike Duplicate	106	99
890-2388-A-19-F MS	Matrix Spike	92	89
890-2388-A-19-G MSD	Matrix Spike Duplicate	87	94
890-2407-A-18-A MS	Matrix Spike	111	97
890-2407-A-18-B MSD	Matrix Spike Duplicate	98	88

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-15629-1

Project/Site: Scout State Com 605 Frac Spill

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)
LCS 880-27134/1-A	Lab Control Sample	103	102
LCS 880-27135/1-A	Lab Control Sample	94	102
LCS 880-27339/1-A	Lab Control Sample	109	99
LCS 880-27360/1-A	Lab Control Sample	107	98
LCS 880-27499/1-A	Lab Control Sample	107	102
LCSD 880-27134/2-A	Lab Control Sample Dup	103	101
LCSD 880-27135/2-A	Lab Control Sample Dup	95	103
LCSD 880-27339/2-A	Lab Control Sample Dup	108	99
LCSD 880-27360/2-A	Lab Control Sample Dup	109	99
LCSD 880-27499/2-A	Lab Control Sample Dup	107	100
MB 880-27134/5-A	Method Blank	99	98
MB 880-27135/5-A	Method Blank	96	105
MB 880-27169/5-A	Method Blank	98	97
MB 880-27255/5-A	Method Blank	100	90
MB 880-27339/5-A	Method Blank	99	88
MB 880-27360/5-A	Method Blank	103	89
MB 880-27445/5-A	Method Blank	101	90
MB 880-27492/5-A	Method Blank	101	91
MB 880-27499/5-A	Method Blank	101	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-15629-1	S-1 (0-1')	77	79
880-15629-1 MS	S-1 (0-1')	86	81
880-15629-1 MSD	S-1 (0-1')	77	72
880-15629-2	S-1 (1.5')	88	91
880-15629-3	S-2 (0-1')	92	97
880-15629-4	S-2 (1.5')	91	95
880-15629-5	S-3 (0-1')	93	96
880-15629-6	S-3 (1.5')	90	96
880-15629-7	S-4 (0-1')	85	89
880-15629-8	S-4 (1.5')	95	100
880-15629-9	S-5 (0-1')	84	90
880-15629-10	S-5 (1.5')	86	91
880-15629-11	S-6 (0-1')	69 S1-	71
880-15629-12	S-7 (0-1')	84	88
880-15629-13	S-7 (1.5')	95	100
880-15629-14	S-8 (0-1')	86	92
880-15629-15	S-8 (1.5')	88	94
880-15629-16	S-9 (0-1')	87	93
880-15629-17	S-9 (1.5')	91	96
880-15629-18	S-10 (0-1')	90	92
880-15629-19	S-10 (1.5')	78	83

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-15629-1

Project/Site: Scout State Com 605 Frac Spill

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)
880-15629-20	S-11 (0-1')	78	80
880-15629-21	S-11 (1.5')	79	82
880-15629-21 MS	S-11 (1.5')	73	7 S1-
880-15629-21 MSD	S-11 (1.5')	74	8 S1-
880-15629-22	S-12 (0-1')	72	76
880-15629-23	S-12 (0-1')	78	82
880-15629-24	S-13 (0-1')	76	80
880-15629-25	H-1 (0-0.5')	77	80
880-15629-26	H-2 (0-0.5')	76	78
880-15629-27	H-3 (0-0.5')	74	76
880-15629-28	H-4 (0-0.5')	77	81
880-15629-29	H-5 (0-0.5')	74	77
880-15629-30	H-6 (0-0.5')	77	80
880-15629-31	H-7 (0-0.5')	79	83
880-15629-32	H-8 (0-0.5')	77	81
880-15629-33	H-9 (0-0.5')	75	78
880-15629-34	H-10 (0-0.5')	81	85
880-15629-35	H-11 (0-0.5')	74	77
880-15629-36	H-12 (0-0.5')	76	79
880-15629-37	H-13 (0-0.5')	72	74
880-15629-38	H-14 (0-0.5')	74	77
880-15629-39	H-15 (0-0.5')	66 S1-	65 S1-
LCS 880-27165/2-A	Lab Control Sample	90	92
LCS 880-27167/2-A	Lab Control Sample	92	13 S1-
LCSD 880-27165/3-A	Lab Control Sample Dup	95	94
LCSD 880-27167/3-A	Lab Control Sample Dup	95	91
MB 880-27165/1-A	Method Blank	76	81
MB 880-27167/1-A	Method Blank	74	82

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27134/5-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 04:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 04:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 04:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/09/22 08:57	06/10/22 04:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 08:57	06/10/22 04:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/09/22 08:57	06/10/22 04:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/09/22 08:57	06/10/22 04:04	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/09/22 08:57	06/10/22 04:04	1

Lab Sample ID: LCS 880-27134/1-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09129		mg/Kg		91	70 - 130
Toluene	0.100	0.09217		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08555		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1933		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09643		mg/Kg		96	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 880-27134/2-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08533		mg/Kg		85	70 - 130	7	35
Toluene	0.100	0.08782		mg/Kg		88	70 - 130	5	35
Ethylbenzene	0.100	0.08140		mg/Kg		81	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1850		mg/Kg		93	70 - 130	4	35
o-Xylene	0.100	0.09262		mg/Kg		93	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-15615-A-9-C MS

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.101	0.06796	F1	mg/Kg		68	70 - 130
Toluene	<0.00199	U	0.101	0.07233		mg/Kg		72	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15615-A-9-C MS

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U F1	0.101	0.06648	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1513		mg/Kg		75	70 - 130
o-Xylene	<0.00199	U	0.101	0.07547		mg/Kg		75	70 - 130

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

Lab Sample ID: 880-15615-A-9-D MSD

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27134

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.08403		mg/Kg		84	70 - 130	21	35
Toluene	<0.00199	U	0.100	0.08167		mg/Kg		82	70 - 130	12	35
Ethylbenzene	<0.00199	U F1	0.100	0.07311		mg/Kg		73	70 - 130	10	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1647		mg/Kg		82	70 - 130	9	35
o-Xylene	<0.00199	U	0.100	0.08261		mg/Kg		82	70 - 130	9	35

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

Lab Sample ID: MB 880-27135/5-A

Matrix: Solid

Analysis Batch: 27242

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/09/22 09:03	06/10/22 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 09:03	06/10/22 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/09/22 09:03	06/10/22 12:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	06/09/22 09:03	06/10/22 12:31	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/09/22 09:03	06/10/22 12:31	1

Lab Sample ID: LCS 880-27135/1-A

Matrix: Solid

Analysis Batch: 27242

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1105		mg/Kg		111	70 - 130
Toluene	0.100	0.1000		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1028		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.1991		mg/Kg		100	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCS 880-27135/1-A

Matrix: Solid

Analysis Batch: 27242

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09137		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-27135/2-A

Matrix: Solid

Analysis Batch: 27242

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27135

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1187		mg/Kg		119	70 - 130	7	35
Toluene	0.100	0.1048		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.1075		mg/Kg		108	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2077		mg/Kg		104	70 - 130	4	35
o-Xylene	0.100	0.09509		mg/Kg		95	70 - 130	4	35

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

Lab Sample ID: 880-15629-9 MS

Matrix: Solid

Analysis Batch: 27242

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

Prep Type: Total/NA

Prep Batch: 27135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.09382		mg/Kg		93	70 - 130
Toluene	<0.00199	U	0.101	0.09592		mg/Kg		95	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.1005		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1981		mg/Kg		98	70 - 130
o-Xylene	<0.00199	U F1	0.101	0.09100		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15629-9 MSD

Matrix: Solid

Analysis Batch: 27242

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

Prep Type: Total/NA

Prep Batch: 27135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.08419		mg/Kg		83	70 - 130	11	35
Toluene	<0.00199	U	0.101	0.07723		mg/Kg		76	70 - 130	22	35
Ethylbenzene	<0.00199	U	0.101	0.07436		mg/Kg		74	70 - 130	30	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1435		mg/Kg		71	70 - 130	32	35
o-Xylene	<0.00199	U F1	0.101	0.06697	F1	mg/Kg		66	70 - 130	30	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-9 MSD

Matrix: Solid

Analysis Batch: 27242

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

Prep Type: Total/NA

Prep Batch: 27135

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-27169/5-A

Matrix: Solid

Analysis Batch: 27183

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27169

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/09/22 11:24	06/09/22 16:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/09/22 11:24	06/09/22 16:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/09/22 11:24	06/09/22 16:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/09/22 11:24	06/09/22 16:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/09/22 11:24	06/09/22 16:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/09/22 11:24	06/09/22 16:24	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/09/22 11:24	06/09/22 16:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/09/22 11:24	06/09/22 16:24	1

Lab Sample ID: MB 880-27255/5-A

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27255

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/10/22 09:18	06/12/22 18:29	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/10/22 09:18	06/12/22 18:29	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/10/22 09:18	06/12/22 18:29	1

Lab Sample ID: MB 880-27339/5-A

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27339

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/11/22 18:59	06/13/22 05:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/11/22 18:59	06/13/22 05:03	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-27339/5-A

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27339

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/11/22 18:59	06/13/22 05:03	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/11/22 18:59	06/13/22 05:03	1

Lab Sample ID: LCS 880-27339/1-A

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27339

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09833		mg/Kg		98	70 - 130
Toluene	0.100	0.09876		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-27339/2-A

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27339

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09303		mg/Kg		93	70 - 130	6	35
Toluene	0.100	0.09280		mg/Kg		93	70 - 130	6	35
Ethylbenzene	0.100	0.09968		mg/Kg		100	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130	5	35
o-Xylene	0.100	0.1035		mg/Kg		103	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-15717-A-61-I MS

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09620		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.0998	0.09727		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1033		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.2124		mg/Kg		106	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1087		mg/Kg		109	70 - 130

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

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15717-A-61-J MSD

Matrix: Solid

Analysis Batch: 27350

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27339

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.08820		mg/Kg		89	70 - 130	9	35
Toluene	<0.00200	U	0.0994	0.08699		mg/Kg		88	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0994	0.08973		mg/Kg		90	70 - 130	14	35
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1794		mg/Kg		90	70 - 130	17	35
o-Xylene	<0.00200	U	0.0994	0.09254		mg/Kg		93	70 - 130	16	35

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

Lab Sample ID: MB 880-27360/5-A

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27360

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 04:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 04:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 04:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/22 07:45	06/14/22 04:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/22 07:45	06/14/22 04:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/22 07:45	06/14/22 04:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/13/22 07:45	06/14/22 04:46	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/13/22 07:45	06/14/22 04:46	1

Lab Sample ID: LCS 880-27360/1-A

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27360

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08289		mg/Kg		83	70 - 130
Toluene	0.100	0.08450		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08928		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09495		mg/Kg		95	70 - 130

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

Lab Sample ID: LCSD 880-27360/2-A

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08670		mg/Kg		87	70 - 130	4	35
Toluene	0.100	0.08916		mg/Kg		89	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-27360/2-A

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27360

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	0.100	0.09378		mg/Kg		94	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1926		mg/Kg		96	70 - 130	5	35
o-Xylene	0.100	0.09955		mg/Kg		100	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2407-A-18-A MS

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27360

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1 F2	0.101	0.08001		mg/Kg		79	70 - 130
Toluene	<0.00202	U F1 F2	0.101	0.08259		mg/Kg		81	70 - 130
Ethylbenzene	<0.00202	U F1 F2	0.101	0.08687		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.00912	F1 F2	0.202	0.1821		mg/Kg		86	70 - 130
o-Xylene	0.00250	F1 F2	0.101	0.09071		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-2407-A-18-B MSD

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27360

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1 F2	0.100	0.02925	F1 F2	mg/Kg		29	70 - 130	93	35
Toluene	<0.00202	U F1 F2	0.100	0.03577	F1 F2	mg/Kg		35	70 - 130	79	35
Ethylbenzene	<0.00202	U F1 F2	0.100	0.03890	F1 F2	mg/Kg		38	70 - 130	76	35
m-Xylene & p-Xylene	0.00912	F1 F2	0.200	0.08167	F1 F2	mg/Kg		36	70 - 130	76	35
o-Xylene	0.00250	F1 F2	0.100	0.04373	F1 F2	mg/Kg		41	70 - 130	70	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: MB 880-27445/5-A

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/22 13:48	06/13/22 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/22 13:48	06/13/22 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/22 13:48	06/13/22 18:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/22 13:48	06/13/22 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/22 13:48	06/13/22 18:12	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-27445/5-A

Matrix: Solid

Analysis Batch: 27442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/22 13:48	06/13/22 18:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/13/22 13:48	06/13/22 18:12	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/13/22 13:48	06/13/22 18:12	1

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

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/14/22 10:17	06/14/22 16:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/14/22 10:17	06/14/22 16:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/14/22 10:17	06/14/22 16:13	1

Lab Sample ID: MB 880-27499/5-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27499

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/14/22 11:32	06/15/22 03:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/14/22 11:32	06/15/22 03:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/14/22 11:32	06/15/22 03:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/14/22 11:32	06/15/22 03:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/14/22 11:32	06/15/22 03:41	1

Lab Sample ID: LCS 880-27499/1-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	0.100	0.09772		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2037		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-27499/2-A

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1084		mg/Kg		108	70 - 130	7	35
Toluene	0.100	0.1050		mg/Kg		105	70 - 130	7	35
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2208		mg/Kg		110	70 - 130	8	35
o-Xylene	0.100	0.1121		mg/Kg		112	70 - 130	9	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2388-A-19-F MS

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.03062	F1	mg/Kg		31	70 - 130
Toluene	<0.00200	U F1	0.100	0.03557	F1	mg/Kg		36	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.03756	F1	mg/Kg		37	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.07761	F1	mg/Kg		39	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04337	F1	mg/Kg		43	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-2388-A-19-G MSD

Matrix: Solid

Analysis Batch: 27512

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 27499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0996	0.03440	F1	mg/Kg		35	70 - 130	12	35
Toluene	<0.00200	U F1	0.0996	0.04224	F1	mg/Kg		42	70 - 130	17	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04317	F1	mg/Kg		43	70 - 130	14	35
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.08736	F1	mg/Kg		44	70 - 130	12	35
o-Xylene	<0.00200	U F1	0.0996	0.05106	F1	mg/Kg		51	70 - 130	16	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-27165/1-A

Matrix: Solid

Analysis Batch: 27246

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 10:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 10:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:10	06/10/22 10:28	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				06/09/22 10:10	06/10/22 10:28	1
o-Terphenyl	81		70 - 130				06/09/22 10:10	06/10/22 10:28	1

Lab Sample ID: LCS 880-27165/2-A

Matrix: Solid

Analysis Batch: 27246

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	909.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	958.2		mg/Kg		96	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	90		70 - 130				
o-Terphenyl	92		70 - 130				

Lab Sample ID: LCSD 880-27165/3-A

Matrix: Solid

Analysis Batch: 27246

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27165

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	970.9		mg/Kg		97	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1014		mg/Kg		101	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-15629-1 MS

Matrix: Solid

Analysis Batch: 27246

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

Prep Type: Total/NA

Prep Batch: 27165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	997	954.5		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	672.5	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-1 MS

Matrix: Solid

Analysis Batch: 27246

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

Prep Type: Total/NA

Prep Batch: 27165

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 880-15629-1 MSD

Matrix: Solid

Analysis Batch: 27246

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

Prep Type: Total/NA

Prep Batch: 27165

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 F2	1000	740.1	F2	mg/Kg		72	70 - 130	25	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	606.7	F1	mg/Kg		61	70 - 130	10	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	72		70 - 130

Lab Sample ID: MB 880-27167/1-A

Matrix: Solid

Analysis Batch: 27244

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27167

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 10:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 10:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/22 10:13	06/10/22 10:28	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	74		70 - 130	06/09/22 10:13	06/10/22 10:28	1
o-Terphenyl	82		70 - 130	06/09/22 10:13	06/10/22 10:28	1

Lab Sample ID: LCS 880-27167/2-A

Matrix: Solid

Analysis Batch: 27244

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27167

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	872.5		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1086		mg/Kg		109	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	13	S1-	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-27167/3-A

Matrix: Solid

Analysis Batch: 27244

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27167

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	887.3		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1084		mg/Kg		108	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: 880-15629-21 MS

Matrix: Solid

Analysis Batch: 27244

Client Sample ID: S-11 (1.5')

Prep Type: Total/NA

Prep Batch: 27167

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	997	644.5	F1	mg/Kg		65	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	711.7	F1	mg/Kg		67	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	73		70 - 130								
o-Terphenyl	7	S1-	70 - 130								

Lab Sample ID: 880-15629-21 MSD

Matrix: Solid

Analysis Batch: 27244

Client Sample ID: S-11 (1.5')

Prep Type: Total/NA

Prep Batch: 27167

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	720.3		mg/Kg		72	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	1000	734.3	F1	mg/Kg		69	70 - 130	3	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27189/1-A

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/16/22 01:27	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-27189/2-A

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-27189/3-A

Matrix: Solid

Analysis Batch: 27504

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	258.8		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-15629-10 MS

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: S-5 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5970		2500	8312		mg/Kg		94	90 - 110

Lab Sample ID: 880-15629-10 MSD

Matrix: Solid

Analysis Batch: 27504

Client Sample ID: S-5 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5970		2500	8337		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-27191/1-A

Matrix: Solid

Analysis Batch: 27505

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/14/22 19:25	1

Lab Sample ID: LCS 880-27191/2-A

Matrix: Solid

Analysis Batch: 27505

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.6		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-27191/3-A

Matrix: Solid

Analysis Batch: 27505

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	253.8		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-15629-20 MS

Matrix: Solid

Analysis Batch: 27505

Client Sample ID: S-11 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1090		250	1282	4	mg/Kg		78	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-15629-20 MSD

Matrix: Solid

Analysis Batch: 27505

Client Sample ID: S-11 (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	1090		250	1285	4	mg/Kg		79	90 - 110	0	20

Lab Sample ID: 880-15629-30 MS

Matrix: Solid

Analysis Batch: 27505

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	88.6		248	337.1		mg/Kg		100	90 - 110		

Lab Sample ID: 880-15629-30 MSD

Matrix: Solid

Analysis Batch: 27505

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	88.6		248	340.9		mg/Kg		102	90 - 110	1	20

Lab Sample ID: MB 880-27700/1-A

Matrix: Solid

Analysis Batch: 27703

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/16/22 13:58	1

Lab Sample ID: LCS 880-27700/2-A

Matrix: Solid

Analysis Batch: 27703

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	252.2		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-27700/3-A

Matrix: Solid

Analysis Batch: 27703

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	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-2413-A-4-E MS

Matrix: Solid

Analysis Batch: 27703

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	417		249	648.6		mg/Kg		93	90 - 110		

Lab Sample ID: 890-2413-A-4-F MSD

Matrix: Solid

Analysis Batch: 27703

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	417		249	648.9		mg/Kg		93	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC VOA

Prep Batch: 27134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Total/NA	Solid	5035	
880-15629-2	S-1 (1.5')	Total/NA	Solid	5035	
880-15629-3	S-2 (0-1')	Total/NA	Solid	5035	
880-15629-4	S-2 (1.5')	Total/NA	Solid	5035	
880-15629-5	S-3 (0-1')	Total/NA	Solid	5035	
880-15629-6	S-3 (1.5')	Total/NA	Solid	5035	
880-15629-7	S-4 (0-1')	Total/NA	Solid	5035	
880-15629-8	S-4 (1.5')	Total/NA	Solid	5035	
MB 880-27134/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27134/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27134/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15615-A-9-C MS	Matrix Spike	Total/NA	Solid	5035	
880-15615-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 27135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-9	S-5 (0-1')	Total/NA	Solid	5035	
880-15629-10	S-5 (1.5')	Total/NA	Solid	5035	
880-15629-11	S-6 (0-1')	Total/NA	Solid	5035	
880-15629-12	S-7 (0-1')	Total/NA	Solid	5035	
880-15629-13	S-7 (1.5')	Total/NA	Solid	5035	
880-15629-14	S-8 (0-1')	Total/NA	Solid	5035	
880-15629-15	S-8 (1.51')	Total/NA	Solid	5035	
880-15629-16	S-9 (0-1')	Total/NA	Solid	5035	
880-15629-17	S-9 (1.5')	Total/NA	Solid	5035	
880-15629-18	S-10 (0-1')	Total/NA	Solid	5035	
MB 880-27135/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27135/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27135/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15629-9 MS	S-5 (0-1')	Total/NA	Solid	5035	
880-15629-9 MSD	S-5 (0-1')	Total/NA	Solid	5035	

Prep Batch: 27169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27169/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Total/NA	Solid	8021B	27134
880-15629-2	S-1 (1.5')	Total/NA	Solid	8021B	27134
880-15629-3	S-2 (0-1')	Total/NA	Solid	8021B	27134
880-15629-4	S-2 (1.5')	Total/NA	Solid	8021B	27134
880-15629-5	S-3 (0-1')	Total/NA	Solid	8021B	27134
880-15629-6	S-3 (1.5')	Total/NA	Solid	8021B	27134
880-15629-7	S-4 (0-1')	Total/NA	Solid	8021B	27134
880-15629-8	S-4 (1.5')	Total/NA	Solid	8021B	27134
MB 880-27134/5-A	Method Blank	Total/NA	Solid	8021B	27134
MB 880-27169/5-A	Method Blank	Total/NA	Solid	8021B	27169
LCS 880-27134/1-A	Lab Control Sample	Total/NA	Solid	8021B	27134
LCSD 880-27134/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27134
880-15615-A-9-C MS	Matrix Spike	Total/NA	Solid	8021B	27134

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC VOA (Continued)

Analysis Batch: 27183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15615-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27134

Analysis Batch: 27242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-9	S-5 (0-1')	Total/NA	Solid	8021B	27135
880-15629-10	S-5 (1.5')	Total/NA	Solid	8021B	27135
880-15629-11	S-6 (0-1')	Total/NA	Solid	8021B	27135
880-15629-12	S-7 (0-1')	Total/NA	Solid	8021B	27135
880-15629-13	S-7 (1.5')	Total/NA	Solid	8021B	27135
880-15629-14	S-8 (0-1')	Total/NA	Solid	8021B	27135
880-15629-15	S-8 (1.51')	Total/NA	Solid	8021B	27135
880-15629-16	S-9 (0-1')	Total/NA	Solid	8021B	27135
880-15629-17	S-9 (1.5')	Total/NA	Solid	8021B	27135
880-15629-18	S-10 (0-1')	Total/NA	Solid	8021B	27135
MB 880-27135/5-A	Method Blank	Total/NA	Solid	8021B	27135
LCS 880-27135/1-A	Lab Control Sample	Total/NA	Solid	8021B	27135
LCSD 880-27135/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27135
880-15629-9 MS	S-5 (0-1')	Total/NA	Solid	8021B	27135
880-15629-9 MSD	S-5 (0-1')	Total/NA	Solid	8021B	27135

Prep Batch: 27255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27255/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-19	S-10 (1.5')	Total/NA	Solid	5035	
880-15629-20	S-11 (0-1')	Total/NA	Solid	5035	
880-15629-21	S-11 (1.5')	Total/NA	Solid	5035	
880-15629-22	S-12 (0-1')	Total/NA	Solid	5035	
880-15629-23	S-12 (0-1')	Total/NA	Solid	5035	
880-15629-24	S-13 (0-1')	Total/NA	Solid	5035	
880-15629-25	H-1 (0-0.5')	Total/NA	Solid	5035	
880-15629-26	H-2 (0-0.5')	Total/NA	Solid	5035	
880-15629-27	H-3 (0-0.5')	Total/NA	Solid	5035	
880-15629-28	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-27339/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27339/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27339/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15717-A-61-I MS	Matrix Spike	Total/NA	Solid	5035	
880-15717-A-61-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-19	S-10 (1.5')	Total/NA	Solid	8021B	27339
880-15629-20	S-11 (0-1')	Total/NA	Solid	8021B	27339
880-15629-21	S-11 (1.5')	Total/NA	Solid	8021B	27339
880-15629-22	S-12 (0-1')	Total/NA	Solid	8021B	27339
880-15629-23	S-12 (0-1')	Total/NA	Solid	8021B	27339
880-15629-24	S-13 (0-1')	Total/NA	Solid	8021B	27339
880-15629-25	H-1 (0-0.5')	Total/NA	Solid	8021B	27339

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QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC VOA (Continued)

Analysis Batch: 27350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-26	H-2 (0-0.5')	Total/NA	Solid	8021B	27339
880-15629-27	H-3 (0-0.5')	Total/NA	Solid	8021B	27339
880-15629-28	H-4 (0-0.5')	Total/NA	Solid	8021B	27339
MB 880-27255/5-A	Method Blank	Total/NA	Solid	8021B	27255
MB 880-27339/5-A	Method Blank	Total/NA	Solid	8021B	27339
LCS 880-27339/1-A	Lab Control Sample	Total/NA	Solid	8021B	27339
LCSD 880-27339/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27339
880-15717-A-61-I MS	Matrix Spike	Total/NA	Solid	8021B	27339
880-15717-A-61-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27339

Prep Batch: 27360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-29	H-5 (0-0.5')	Total/NA	Solid	5035	
880-15629-30	H-6 (0-0.5')	Total/NA	Solid	5035	
880-15629-31	H-7 (0-0.5')	Total/NA	Solid	5035	
880-15629-32	H-8 (0-0.5')	Total/NA	Solid	5035	
880-15629-33	H-9 (0-0.5')	Total/NA	Solid	5035	
880-15629-34	H-10 (0-0.5')	Total/NA	Solid	5035	
880-15629-35	H-11 (0-0.5')	Total/NA	Solid	5035	
880-15629-36	H-12 (0-0.5')	Total/NA	Solid	5035	
880-15629-37	H-13 (0-0.5')	Total/NA	Solid	5035	
880-15629-38	H-14 (0-0.5')	Total/NA	Solid	5035	
MB 880-27360/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27360/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27360/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2407-A-18-A MS	Matrix Spike	Total/NA	Solid	5035	
890-2407-A-18-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-3	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-4	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-5	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-6	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-7	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-8	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-9	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-10	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-11	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-12	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-13	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-14	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-15	S-8 (1.51')	Total/NA	Solid	Total BTEX	
880-15629-16	S-9 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-17	S-9 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-18	S-10 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-19	S-10 (1.5')	Total/NA	Solid	Total BTEX	
880-15629-20	S-11 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-21	S-11 (1.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC VOA (Continued)

Analysis Batch: 27418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-22	S-12 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-23	S-12 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-24	S-13 (0-1')	Total/NA	Solid	Total BTEX	
880-15629-25	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-26	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-27	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-28	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-29	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-30	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-31	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-32	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-33	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-34	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-35	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-36	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-37	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-38	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	
880-15629-39	H-15 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 27442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-29	H-5 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-30	H-6 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-31	H-7 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-32	H-8 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-33	H-9 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-34	H-10 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-35	H-11 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-36	H-12 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-37	H-13 (0-0.5')	Total/NA	Solid	8021B	27360
880-15629-38	H-14 (0-0.5')	Total/NA	Solid	8021B	27360
MB 880-27360/5-A	Method Blank	Total/NA	Solid	8021B	27360
MB 880-27445/5-A	Method Blank	Total/NA	Solid	8021B	27445
LCS 880-27360/1-A	Lab Control Sample	Total/NA	Solid	8021B	27360
LCSD 880-27360/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27360
890-2407-A-18-A MS	Matrix Spike	Total/NA	Solid	8021B	27360
890-2407-A-18-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27360

Prep Batch: 27445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27445/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27492/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 27499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-39	H-15 (0-0.5')	Total/NA	Solid	5035	
MB 880-27499/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27499/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC VOA (Continued)

Prep Batch: 27499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-27499/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2388-A-19-F MS	Matrix Spike	Total/NA	Solid	5035	
890-2388-A-19-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-39	H-15 (0-0.5')	Total/NA	Solid	8021B	27499
MB 880-27492/5-A	Method Blank	Total/NA	Solid	8021B	27492
MB 880-27499/5-A	Method Blank	Total/NA	Solid	8021B	27499
LCS 880-27499/1-A	Lab Control Sample	Total/NA	Solid	8021B	27499
LCSD 880-27499/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27499
890-2388-A-19-F MS	Matrix Spike	Total/NA	Solid	8021B	27499
890-2388-A-19-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27499

GC Semi VOA

Prep Batch: 27165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-4	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-5	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-6	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-7	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-8	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-9	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-10	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-11	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-12	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-13	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-14	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-15	S-8 (1.51')	Total/NA	Solid	8015NM Prep	
880-15629-16	S-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-17	S-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-18	S-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-19	S-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-20	S-11 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-27165/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27165/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15629-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-21	S-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-22	S-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-23	S-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-24	S-13 (0-1')	Total/NA	Solid	8015NM Prep	
880-15629-25	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Prep Batch: 27167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-26	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-27	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-28	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-29	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-30	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-31	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-32	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-33	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-34	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-35	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-36	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-37	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-38	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-15629-39	H-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-27167/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27167/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15629-21 MS	S-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-15629-21 MSD	S-11 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-21	S-11 (1.5')	Total/NA	Solid	8015B NM	27167
880-15629-22	S-12 (0-1')	Total/NA	Solid	8015B NM	27167
880-15629-23	S-12 (0-1')	Total/NA	Solid	8015B NM	27167
880-15629-24	S-13 (0-1')	Total/NA	Solid	8015B NM	27167
880-15629-25	H-1 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-26	H-2 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-27	H-3 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-28	H-4 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-29	H-5 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-30	H-6 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-31	H-7 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-32	H-8 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-33	H-9 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-34	H-10 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-35	H-11 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-36	H-12 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-37	H-13 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-38	H-14 (0-0.5')	Total/NA	Solid	8015B NM	27167
880-15629-39	H-15 (0-0.5')	Total/NA	Solid	8015B NM	27167
MB 880-27167/1-A	Method Blank	Total/NA	Solid	8015B NM	27167
LCS 880-27167/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27167
LCSD 880-27167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27167
880-15629-21 MS	S-11 (1.5')	Total/NA	Solid	8015B NM	27167
880-15629-21 MSD	S-11 (1.5')	Total/NA	Solid	8015B NM	27167

Analysis Batch: 27246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-2	S-1 (1.5')	Total/NA	Solid	8015B NM	27165

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Analysis Batch: 27246 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-3	S-2 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-4	S-2 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-5	S-3 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-6	S-3 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-7	S-4 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-8	S-4 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-9	S-5 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-10	S-5 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-11	S-6 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-12	S-7 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-13	S-7 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-14	S-8 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-15	S-8 (1.51')	Total/NA	Solid	8015B NM	27165
880-15629-16	S-9 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-17	S-9 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-18	S-10 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-19	S-10 (1.5')	Total/NA	Solid	8015B NM	27165
880-15629-20	S-11 (0-1')	Total/NA	Solid	8015B NM	27165
MB 880-27165/1-A	Method Blank	Total/NA	Solid	8015B NM	27165
LCS 880-27165/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27165
LCSD 880-27165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27165
880-15629-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	27165
880-15629-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	27165

Analysis Batch: 27365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-15629-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-15629-3	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-15629-4	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-15629-5	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-15629-6	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-15629-7	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-15629-8	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-15629-9	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-15629-10	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-15629-11	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-15629-12	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-15629-13	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-15629-14	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-15629-15	S-8 (1.51')	Total/NA	Solid	8015 NM	
880-15629-16	S-9 (0-1')	Total/NA	Solid	8015 NM	
880-15629-17	S-9 (1.5')	Total/NA	Solid	8015 NM	
880-15629-18	S-10 (0-1')	Total/NA	Solid	8015 NM	
880-15629-19	S-10 (1.5')	Total/NA	Solid	8015 NM	
880-15629-20	S-11 (0-1')	Total/NA	Solid	8015 NM	
880-15629-21	S-11 (1.5')	Total/NA	Solid	8015 NM	
880-15629-22	S-12 (0-1')	Total/NA	Solid	8015 NM	
880-15629-23	S-12 (0-1')	Total/NA	Solid	8015 NM	
880-15629-24	S-13 (0-1')	Total/NA	Solid	8015 NM	
880-15629-25	H-1 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Analysis Batch: 27365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-26	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-27	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-28	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-29	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-30	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-31	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-32	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-33	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-34	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-35	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-36	H-12 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-37	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-38	H-14 (0-0.5')	Total/NA	Solid	8015 NM	
880-15629-39	H-15 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-15629-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-15629-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-15629-4	S-2 (1.5')	Soluble	Solid	DI Leach	
880-15629-5	S-3 (0-1')	Soluble	Solid	DI Leach	
880-15629-6	S-3 (1.5')	Soluble	Solid	DI Leach	
880-15629-7	S-4 (0-1')	Soluble	Solid	DI Leach	
880-15629-8	S-4 (1.5')	Soluble	Solid	DI Leach	
880-15629-9	S-5 (0-1')	Soluble	Solid	DI Leach	
880-15629-10	S-5 (1.5')	Soluble	Solid	DI Leach	
880-15629-11	S-6 (0-1')	Soluble	Solid	DI Leach	
880-15629-12	S-7 (0-1')	Soluble	Solid	DI Leach	
880-15629-14	S-8 (0-1')	Soluble	Solid	DI Leach	
880-15629-15	S-8 (1.5')	Soluble	Solid	DI Leach	
880-15629-16	S-9 (0-1')	Soluble	Solid	DI Leach	
880-15629-18	S-10 (0-1')	Soluble	Solid	DI Leach	
880-15629-19	S-10 (1.5')	Soluble	Solid	DI Leach	
MB 880-27189/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27189/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27189/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15629-10 MS	S-5 (1.5')	Soluble	Solid	DI Leach	
880-15629-10 MSD	S-5 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 27191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-20	S-11 (0-1')	Soluble	Solid	DI Leach	
880-15629-21	S-11 (1.5')	Soluble	Solid	DI Leach	
880-15629-22	S-12 (0-1')	Soluble	Solid	DI Leach	
880-15629-23	S-12 (0-1')	Soluble	Solid	DI Leach	
880-15629-24	S-13 (0-1')	Soluble	Solid	DI Leach	
880-15629-25	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-26	H-2 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Leach Batch: 27191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-27	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-28	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-29	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-30	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-31	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-32	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-33	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-34	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-35	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-36	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-37	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-38	H-14 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-39	H-15 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-27191/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27191/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27191/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15629-20 MS	S-11 (0-1')	Soluble	Solid	DI Leach	
880-15629-20 MSD	S-11 (0-1')	Soluble	Solid	DI Leach	
880-15629-30 MS	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-15629-30 MSD	H-6 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 27504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-1	S-1 (0-1')	Soluble	Solid	300.0	27189
880-15629-2	S-1 (1.5')	Soluble	Solid	300.0	27189
880-15629-3	S-2 (0-1')	Soluble	Solid	300.0	27189
880-15629-4	S-2 (1.5')	Soluble	Solid	300.0	27189
880-15629-5	S-3 (0-1')	Soluble	Solid	300.0	27189
880-15629-6	S-3 (1.5')	Soluble	Solid	300.0	27189
880-15629-7	S-4 (0-1')	Soluble	Solid	300.0	27189
880-15629-8	S-4 (1.5')	Soluble	Solid	300.0	27189
880-15629-9	S-5 (0-1')	Soluble	Solid	300.0	27189
880-15629-10	S-5 (1.5')	Soluble	Solid	300.0	27189
880-15629-11	S-6 (0-1')	Soluble	Solid	300.0	27189
880-15629-12	S-7 (0-1')	Soluble	Solid	300.0	27189
880-15629-14	S-8 (0-1')	Soluble	Solid	300.0	27189
880-15629-15	S-8 (1.51')	Soluble	Solid	300.0	27189
880-15629-16	S-9 (0-1')	Soluble	Solid	300.0	27189
880-15629-18	S-10 (0-1')	Soluble	Solid	300.0	27189
880-15629-19	S-10 (1.5')	Soluble	Solid	300.0	27189
MB 880-27189/1-A	Method Blank	Soluble	Solid	300.0	27189
LCS 880-27189/2-A	Lab Control Sample	Soluble	Solid	300.0	27189
LCSD 880-27189/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27189
880-15629-10 MS	S-5 (1.5')	Soluble	Solid	300.0	27189
880-15629-10 MSD	S-5 (1.5')	Soluble	Solid	300.0	27189

Analysis Batch: 27505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-20	S-11 (0-1')	Soluble	Solid	300.0	27191
880-15629-21	S-11 (1.5')	Soluble	Solid	300.0	27191
880-15629-22	S-12 (0-1')	Soluble	Solid	300.0	27191

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Analysis Batch: 27505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-23	S-12 (0-1')	Soluble	Solid	300.0	27191
880-15629-24	S-13 (0-1')	Soluble	Solid	300.0	27191
880-15629-25	H-1 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-26	H-2 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-27	H-3 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-28	H-4 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-29	H-5 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-30	H-6 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-31	H-7 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-32	H-8 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-33	H-9 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-34	H-10 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-35	H-11 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-36	H-12 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-37	H-13 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-38	H-14 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-39	H-15 (0-0.5')	Soluble	Solid	300.0	27191
MB 880-27191/1-A	Method Blank	Soluble	Solid	300.0	27191
LCS 880-27191/2-A	Lab Control Sample	Soluble	Solid	300.0	27191
LCSD 880-27191/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27191
880-15629-20 MS	S-11 (0-1')	Soluble	Solid	300.0	27191
880-15629-20 MSD	S-11 (0-1')	Soluble	Solid	300.0	27191
880-15629-30 MS	H-6 (0-0.5')	Soluble	Solid	300.0	27191
880-15629-30 MSD	H-6 (0-0.5')	Soluble	Solid	300.0	27191

Leach Batch: 27700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-13	S-7 (1.5')	Soluble	Solid	DI Leach	
880-15629-17	S-9 (1.5')	Soluble	Solid	DI Leach	
MB 880-27700/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27700/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27700/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2413-A-4-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2413-A-4-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 27703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15629-13	S-7 (1.5')	Soluble	Solid	300.0	27700
880-15629-17	S-9 (1.5')	Soluble	Solid	300.0	27700
MB 880-27700/1-A	Method Blank	Soluble	Solid	300.0	27700
LCS 880-27700/2-A	Lab Control Sample	Soluble	Solid	300.0	27700
LCSD 880-27700/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27700
890-2413-A-4-E MS	Matrix Spike	Soluble	Solid	300.0	27700
890-2413-A-4-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	27700

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-1

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 10:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 11:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 02:14	CH	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-15629-2

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 10:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 12:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 02:22	CH	XEN MID

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

Lab Sample ID: 880-15629-3

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 10:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 13:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 02:30	CH	XEN MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-15629-4

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 11:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-15629-4

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 13:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		1			27504	06/16/22 02:37	CH	XEN MID

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

Lab Sample ID: 880-15629-5

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 11:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 13:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		10			27504	06/16/22 03:01	CH	XEN MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-15629-6

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 11:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 14:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 03:09	CH	XEN MID

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

Lab Sample ID: 880-15629-7

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 12:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 14:37	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Date Collected: 06/07/22 00:00

Date Received: 06/08/22 10:59

Lab Sample ID: 880-15629-7

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			5.01 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		10			27504	06/16/22 03:17	CH	XEN MID

Client Sample ID: S-4 (1.5')

Date Collected: 06/07/22 00:00

Date Received: 06/08/22 10:59

Lab Sample ID: 880-15629-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	27134	06/09/22 08:57	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27183	06/10/22 12:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 03:25	CH	XEN MID

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

Date Collected: 06/07/22 00:00

Date Received: 06/08/22 10:59

Lab Sample ID: 880-15629-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 12:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 15:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		10			27504	06/16/22 03:32	CH	XEN MID

Client Sample ID: S-5 (1.5')

Date Collected: 06/07/22 00:00

Date Received: 06/08/22 10:59

Lab Sample ID: 880-15629-10

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			5.04 g	5 mL	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 13:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		10			27504	06/16/22 03:40	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-11

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 13:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 16:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		10			27504	06/16/22 04:04	CH	XEN MID

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

Lab Sample ID: 880-15629-12

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 13:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 16:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		20			27504	06/16/22 04:12	CH	XEN MID

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-15629-13

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 14:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 17:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27700	06/16/22 12:26	SC	XEN MID
Soluble	Analysis	300.0		10			27703	06/16/22 17:40	CH	XEN MID

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

Lab Sample ID: 880-15629-14

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 14:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-14

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 17:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		20			27504	06/16/22 04:43	CH	XEN MID

Client Sample ID: S-8 (1.51')

Lab Sample ID: 880-15629-15

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 14:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 18:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		20			27504	06/16/22 04:51	CH	XEN MID

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

Lab Sample ID: 880-15629-16

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 15:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 04:59	CH	XEN MID

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-15629-17

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 15:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 18:44	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-15629-17

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	27700	06/16/22 12:26	SC	XEN MID
Soluble	Analysis	300.0		1			27703	06/16/22 17:49	CH	XEN MID

Client Sample ID: S-10 (0-1')

Lab Sample ID: 880-15629-18

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27135	06/09/22 09:03	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27242	06/10/22 16:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 05:08	CH	XEN MID

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-15629-19

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 08:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 19:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27189	06/09/22 12:40	CH	XEN MID
Soluble	Analysis	300.0		5			27504	06/16/22 05:15	CH	XEN MID

Client Sample ID: S-11 (0-1')

Lab Sample ID: 880-15629-20

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 08:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27165	06/09/22 10:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27246	06/10/22 19:51	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 19:52	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-15629-21

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 10:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 11:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		5			27505	06/14/22 20:20	CH	XEN MID

Client Sample ID: S-12 (0-1')

Lab Sample ID: 880-15629-22

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 10:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 12:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		5			27505	06/14/22 20:29	CH	XEN MID

Client Sample ID: S-12 (0-1')

Lab Sample ID: 880-15629-23

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 11:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 13:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		10			27505	06/14/22 20:38	CH	XEN MID

Client Sample ID: S-13 (0-1')

Lab Sample ID: 880-15629-24

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 11:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: S-13 (0-1')

Lab Sample ID: 880-15629-24

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 13:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 20:48	CH	XEN MID

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

Lab Sample ID: 880-15629-25

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 11:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 13:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 21:15	CH	XEN MID

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

Lab Sample ID: 880-15629-26

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 12:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 14:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 21:24	CH	XEN MID

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

Lab Sample ID: 880-15629-27

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 12:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 14:37	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-27

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 21:34	CH	XEN MID

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

Lab Sample ID: 880-15629-28

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27339	06/11/22 18:59	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27350	06/13/22 12:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 21:43	CH	XEN MID

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

Lab Sample ID: 880-15629-29

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 10:16	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 15:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 21:52	CH	XEN MID

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

Lab Sample ID: 880-15629-30

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 10:37	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 22:01	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-15629-31

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 10:57	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 16:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 22:29	CH	XEN MID

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

Lab Sample ID: 880-15629-32

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 11:18	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 16:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 22:38	CH	XEN MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-15629-33

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 11:38	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 17:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 23:06	CH	XEN MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-15629-34

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 11:59	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-15629-34

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 17:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 23:15	CH	XEN MID

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-15629-35

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 12:19	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 18:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 23:24	CH	XEN MID

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-15629-36

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 12:40	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 23:34	CH	XEN MID

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-15629-37

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 13:00	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 18:44	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-15629-37

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 23:43	CH	XEN MID

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-15629-38

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27360	06/13/22 07:45	EL	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27442	06/14/22 13:21	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/14/22 23:52	CH	XEN MID

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-15629-39

Date Collected: 06/07/22 00:00

Matrix: Solid

Date Received: 06/08/22 10:59

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	27499	06/14/22 11:32	MR	XEN MID
Total/NA	Analysis	8021B		1	5 g	5 mL	27512	06/15/22 04:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27418	06/13/22 12:00	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27365	06/13/22 08:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27167	06/09/22 10:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27244	06/10/22 19:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27191	06/09/22 12:46	CH	XEN MID
Soluble	Analysis	300.0		1			27505	06/15/22 00:01	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: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-15629-1
SDG: Eddy Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15629-1	S-1 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-2	S-1 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-3	S-2 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-4	S-2 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-5	S-3 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-6	S-3 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-7	S-4 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-8	S-4 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-9	S-5 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-10	S-5 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-11	S-6 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-12	S-7 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-13	S-7 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-14	S-8 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-15	S-8 (1.51')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-16	S-9 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-17	S-9 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-18	S-10 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-19	S-10 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-20	S-11 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-21	S-11 (1.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-22	S-12 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-23	S-12 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-24	S-13 (0-1')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-25	H-1 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-26	H-2 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-27	H-3 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-28	H-4 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-29	H-5 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-30	H-6 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-31	H-7 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-32	H-8 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-33	H-9 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-34	H-10 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-35	H-11 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-36	H-12 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-37	H-13 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-38	H-14 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59
880-15629-39	H-15 (0-0.5')	Solid	06/07/22 00:00	06/08/22 10:59

Work Order No: 156029

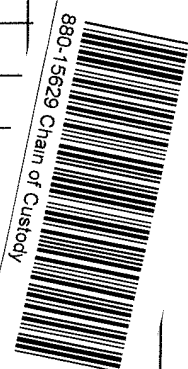
Page 1 of 4

Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmora Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

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

Project Name	Scout State Com 605 Frac Spill	Turn Around	☒ Routine ☐ Rush	Press. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number	1071								None NO DI Water H ₂ O
Project Location	Eddy Co. NM	Due Date							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 ☐	Correction Factor							Na ₂ S ₂ O ₃ NaSO ₃
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading							Zn Acetate+NaOH Zn
Total Containers		Corrected Temperature							NaOH+Ascorbic Acid SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B		HOLD DI Water H ₂ O MeOH Me HNO ₃ HN NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC
S-1 (0-1)	6/7/2022		X		G	1	X	X	
S-1 (1 5)	6/7/2022		X		G	1	X	X	
S-2 (0-1)	6/7/2022		X		G	1	X	X	
S-2 (1 5)	6/7/2022		X		G	1	X	X	
S-3 (0-1)	6/7/2022		X		G	1	X	X	
S-3 (1 5)	6/7/2022		X		G	1	X	X	
S-4 (0-1)	6/7/2022		X		G	1	X	X	
S-4 (1 5)	6/7/2022		X		G	1	X	X	
S-5 (0-1)	6/7/2022		X		G	1	X	X	
S-5 (1 5)	6/7/2022		X		G	1	X	X	

Comments: Email to Mike Carmora Mccarmora@carmoraresources.com and Conner Moehring Cmoehring@carmoraresources.com



Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	6/8/22 10:59	<i>[Signature]</i>	

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Work Order No: 156229

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Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmona Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

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

Project Name		Scout State Com 605 Frac Spill		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number	1071	☒ Routine	☐ Rush	Pres. Code													None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM	Due Date															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														
Received Intact:		Yes No		Thermometer ID															
Cooler Custody Seals		Yes No	N/A	Correction Factor															
Sample Custody Seals		Yes No	N/A	Temperature Reading															
Total Containers				Corrected Temperature															
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
S-6 (0-1')		6/7/2022		X		G	1	X	X	X									
S-7 (0-1')		6/7/2022		X		G	1	X	X	X									
S-7 (1 5')		6/7/2022		X		G	1	X	X	X									
S-8 (0-1')		6/7/2022		X		G	1	X	X	X									
S-8 (1 5')		6/7/2022		X		G	1	X	X	X									
S-9 (0-1')		6/7/2022		X		G	1	X	X	X									
S-9 (1 5')		6/7/2022		X		G	1	X	X	X									
S-10 (0-1')		6/7/2022		X		G	1	X	X	X									
S-10 (1 5')		6/7/2022		X		G	1	X	X	X									
S-11 (0-1')		6/7/2022		X		G	1	X	X	X									

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/8/22 10:59		

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Work Order No: 15629

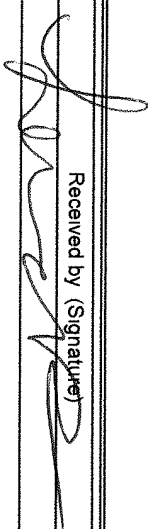
Page 3 of 4

Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmona Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

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

Project Name	Scout State Com 605 Frac Spill	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1071	☒ Routine ☐ Rush														None NO	DI Water H ₂ O
Project Location	Eddy Co. NM	Due Date														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 SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
S-11 (1.5')	6/7/2022		X		G	1	X	X	X	X							
S-12 (0-1')	6/7/2022		X		G	1	X	X	X	X							
S-12 (1.5')	6/7/2022		X		G	1	X	X	X	X							
S-13 (0-1')	6/7/2022		X		G	1	X	X	X	X							
H-1 (0-0.5')	6/7/2022		X		G	1	X	X	X	X							
H-2 (0-0.5')	6/7/2022		X		G	1	X	X	X	X							
H-3 (0-0.5')	6/7/2022		X		G	1	X	X	X	X							
H-4 (0-0.5')	6/7/2022		X		G	1	X	X	X	X							
H-5 (0-0.5')	6/7/2022		X		G	1	X	X	X	X							
H-6 (0-0.5')	6/7/2022		X		G	1	X	X	X	X							

Comments: Email to Mike Carmona Mearmona@carmonaresources.com and Conner Moehring Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
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Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmona Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

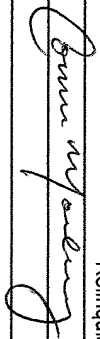
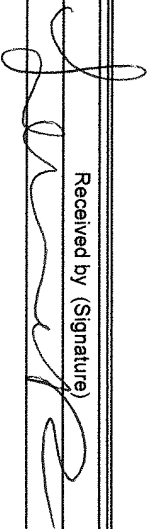
Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ RC ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Work Order No: 156029

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Project Name	Scout State Com 605 Frac Spill	Turn Around		Press. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1071	☒ Routine	☐ Rush														None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM	Due Date															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									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	BTEX 8021B												Sample Comments	
H-7 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-8 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-9 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-10 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-11 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-12 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-13 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-14 (0-0.5')	6/7/2022		X		G	1	X	X	X											
H-15 (0-0.5')	6/7/2022		X		G	1	X	X	X											

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/8/22 10:59		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15629-1

SDG Number: Eddy Co. NM

Login Number: 15629

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No time on COC, logged in per container labels.
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: 880-16373-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Scout State Com 605 Frac Spill

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:

7/11/2022 10:33:51 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



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

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

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Laboratory Job ID: 880-16373-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Job ID: 880-16373-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-16373-1****Receipt**

The samples were received on 6/28/2022 10:12 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 5.3°C

Receipt Exceptions

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): T-13 (0-1) (880-16373-38), T-13 (2) (880-16373-39) and T-13 (3) (880-16373-40) Per client, add to job for TPH, BTEX, and Chloride

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-28771 and analytical batch 880-29357 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-28612 and analytical batch 880-28599 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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 880-28639 and analytical batch 880-28890 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-16373-1

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		06/30/22 15:42	07/09/22 17:10	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		06/30/22 15:42	07/09/22 17:10	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		06/30/22 15:42	07/09/22 17:10	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		06/30/22 15:42	07/09/22 17:10	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		06/30/22 15:42	07/09/22 17:10	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		06/30/22 15:42	07/09/22 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/30/22 15:42	07/09/22 17:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/30/22 15:42	07/09/22 17:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 12:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 12:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	06/29/22 08:48	06/29/22 12:13	1
o-Terphenyl	81		70 - 130	06/29/22 08:48	06/29/22 12:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		25.0		mg/Kg			07/04/22 21:03	5

Client Sample ID: T-1 (2)

Lab Sample ID: 880-16373-2

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 17:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 17:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 17:31	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/30/22 15:42	07/09/22 17:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 17:31	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/30/22 15:42	07/09/22 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/30/22 15:42	07/09/22 17:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/30/22 15:42	07/09/22 17:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (2)

Lab Sample ID: 880-16373-2

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 13:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/29/22 08:48	06/29/22 13:18	1
o-Terphenyl	89		70 - 130				06/29/22 08:48	06/29/22 13:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.0		4.95		mg/Kg			07/04/22 21:12	1

Client Sample ID: T-1 (3)

Lab Sample ID: 880-16373-3

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/09/22 17:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/09/22 17:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/09/22 17:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/30/22 15:42	07/09/22 17:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/09/22 17:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/30/22 15:42	07/09/22 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/30/22 15:42	07/09/22 17:51	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/30/22 15:42	07/09/22 17:51	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 13:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 13:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (3)

Lab Sample ID: 880-16373-3

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/29/22 08:48	06/29/22 13:40	1
o-Terphenyl	82		70 - 130				06/29/22 08:48	06/29/22 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	611		4.99		mg/Kg			07/05/22 16:04	1

Client Sample ID: T-1 (4)

Lab Sample ID: 880-16373-4

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 18:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/30/22 15:42	07/09/22 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 18:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/30/22 15:42	07/09/22 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/30/22 15:42	07/09/22 18:12	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/30/22 15:42	07/09/22 18:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		06/29/22 08:48	06/29/22 14:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/29/22 08:48	06/29/22 14:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/29/22 08:48	06/29/22 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/29/22 08:48	06/29/22 14:02	1
o-Terphenyl	105		70 - 130				06/29/22 08:48	06/29/22 14:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	461		5.00		mg/Kg			07/05/22 16:13	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-16373-5

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 18:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 18:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 18:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/22 15:42	07/09/22 18:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 18:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/22 15:42	07/09/22 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/30/22 15:42	07/09/22 18:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/30/22 15:42	07/09/22 18:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 14:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 14:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	06/29/22 08:48	06/29/22 14:24	1
o-Terphenyl	84		70 - 130	06/29/22 08:48	06/29/22 14:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.7		5.00		mg/Kg			07/04/22 22:16	1

Client Sample ID: T-2 (2)

Lab Sample ID: 880-16373-6

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 18:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/30/22 15:42	07/09/22 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/30/22 15:42	07/09/22 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/30/22 15:42	07/09/22 18:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/30/22 15:42	07/09/22 18:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (2)

Lab Sample ID: 880-16373-6

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 14:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 14:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/29/22 08:48	06/29/22 14:45	1
o-Terphenyl	85		70 - 130				06/29/22 08:48	06/29/22 14:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	523		4.96		mg/Kg			07/05/22 16:22	1

Client Sample ID: T-2 (3)

Lab Sample ID: 880-16373-7

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 19:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 19:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 19:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/30/22 15:42	07/09/22 19:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 19:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/30/22 15:42	07/09/22 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/30/22 15:42	07/09/22 19:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/30/22 15:42	07/09/22 19:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 15:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (3)

Lab Sample ID: 880-16373-7

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/29/22 08:48	06/29/22 15:07	1
o-Terphenyl	94		70 - 130				06/29/22 08:48	06/29/22 15:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	398		5.01		mg/Kg			07/05/22 16:31	1

Client Sample ID: T-3 (0-1)

Lab Sample ID: 880-16373-8

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 19:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/30/22 15:42	07/09/22 19:33	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/30/22 15:42	07/09/22 19:33	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		06/29/22 08:48	06/29/22 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/29/22 08:48	06/29/22 15:29	1
o-Terphenyl	83		70 - 130				06/29/22 08:48	06/29/22 15:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	256		4.97		mg/Kg			07/04/22 22:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (2)

Lab Sample ID: 880-16373-9

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/30/22 15:42	07/09/22 19:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 19:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/30/22 15:42	07/09/22 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/30/22 15:42	07/09/22 19:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/30/22 15:42	07/09/22 19:54	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 15:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 15:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 15:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	06/29/22 08:48	06/29/22 15:50	1
o-Terphenyl	88		70 - 130	06/29/22 08:48	06/29/22 15:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	375		5.02		mg/Kg			07/05/22 16:41	1

Client Sample ID: T-3 (3)

Lab Sample ID: 880-16373-10

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 20:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 20:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 20:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/30/22 15:42	07/09/22 20:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 20:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/30/22 15:42	07/09/22 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/30/22 15:42	07/09/22 20:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/30/22 15:42	07/09/22 20:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (3)

Lab Sample ID: 880-16373-10

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 16:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/29/22 08:48	06/29/22 16:12	1
o-Terphenyl	87		70 - 130				06/29/22 08:48	06/29/22 16:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	541		4.99		mg/Kg			07/05/22 16:50	1

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-16373-11

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/30/22 15:42	07/09/22 22:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/30/22 15:42	07/09/22 22:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/30/22 15:42	07/09/22 22:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/30/22 15:42	07/09/22 22:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 16:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 16:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-16373-11

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/29/22 08:48	06/29/22 16:55	1
o-Terphenyl	84		70 - 130				06/29/22 08:48	06/29/22 16:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10100		101		mg/Kg			07/04/22 23:11	20

Client Sample ID: T-4 (2)

Lab Sample ID: 880-16373-12

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 22:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 22:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 22:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/22 15:42	07/09/22 22:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/09/22 22:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/22 15:42	07/09/22 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/30/22 15:42	07/09/22 22:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/30/22 15:42	07/09/22 22:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		06/29/22 08:48	06/29/22 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/29/22 08:48	06/29/22 17:16	1
o-Terphenyl	86		70 - 130				06/29/22 08:48	06/29/22 17:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		5.04		mg/Kg			07/04/22 13:23	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (3)

Lab Sample ID: 880-16373-13

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 22:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 22:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/30/22 15:42	07/09/22 22:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/30/22 15:42	07/09/22 22:46	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	06/29/22 08:48	06/29/22 17:38	1
o-Terphenyl	83		70 - 130	06/29/22 08:48	06/29/22 17:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.3		4.98		mg/Kg			07/04/22 13:46	1

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-16373-14

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 23:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 23:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 23:07	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/30/22 15:42	07/09/22 23:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:42	07/09/22 23:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/30/22 15:42	07/09/22 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/30/22 15:42	07/09/22 23:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/30/22 15:42	07/09/22 23:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-16373-14

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/29/22 08:48	06/29/22 18:00	1
o-Terphenyl	83		70 - 130				06/29/22 08:48	06/29/22 18:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.3		5.03		mg/Kg			07/04/22 13:54	1

Client Sample ID: T-5 (2)

Lab Sample ID: 880-16373-15

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 23:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 23:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 23:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/30/22 15:42	07/09/22 23:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 23:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/30/22 15:42	07/09/22 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/30/22 15:42	07/09/22 23:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/30/22 15:42	07/09/22 23:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 18:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (2)

Lab Sample ID: 880-16373-15

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/29/22 08:48	06/29/22 18:22	1
o-Terphenyl	84		70 - 130				06/29/22 08:48	06/29/22 18:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		4.95		mg/Kg			07/04/22 14:02	1

Client Sample ID: T-5 (3)

Lab Sample ID: 880-16373-16

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 23:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 23:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 23:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/30/22 15:42	07/09/22 23:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:42	07/09/22 23:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/30/22 15:42	07/09/22 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/30/22 15:42	07/09/22 23:48	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/30/22 15:42	07/09/22 23:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 18:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 18:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/29/22 08:48	06/29/22 18:43	1
o-Terphenyl	84		70 - 130				06/29/22 08:48	06/29/22 18:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.6		5.05		mg/Kg			07/04/22 14:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-16373-17

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/10/22 00:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/10/22 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/30/22 15:42	07/10/22 00:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/30/22 15:42	07/10/22 00:08	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/29/22 08:48	06/29/22 19:05	1
o-Terphenyl	85		70 - 130	06/29/22 08:48	06/29/22 19:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	326		25.1		mg/Kg			07/04/22 14:33	5

Client Sample ID: T-6 (2)

Lab Sample ID: 880-16373-18

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/10/22 00:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/10/22 00:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/10/22 00:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/22 15:42	07/10/22 00:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:42	07/10/22 00:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/22 15:42	07/10/22 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/30/22 15:42	07/10/22 00:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/30/22 15:42	07/10/22 00:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (2)

Lab Sample ID: 880-16373-18

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				06/29/22 08:48	06/29/22 19:26	1
o-Terphenyl	88		70 - 130				06/29/22 08:48	06/29/22 19:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		4.99		mg/Kg			07/04/22 14:41	1

Client Sample ID: T-6 (3)

Lab Sample ID: 880-16373-19

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/30/22 15:42	07/10/22 00:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/10/22 00:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/30/22 15:42	07/10/22 00:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/30/22 15:42	07/10/22 00:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130				06/30/22 15:42	07/10/22 00:49	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (3)

Lab Sample ID: 880-16373-19

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				06/29/22 08:48	06/29/22 19:48	1
o-Terphenyl	84		70 - 130				06/29/22 08:48	06/29/22 19:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.02		mg/Kg			07/04/22 14:49	1

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-16373-20

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/10/22 01:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/10/22 01:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/10/22 01:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/30/22 15:42	07/10/22 01:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:42	07/10/22 01:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/30/22 15:42	07/10/22 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/30/22 15:42	07/10/22 01:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/30/22 15:42	07/10/22 01:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		06/29/22 08:48	06/29/22 20:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 20:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:48	06/29/22 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/29/22 08:48	06/29/22 20:10	1
o-Terphenyl	85		70 - 130				06/29/22 08:48	06/29/22 20:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		4.96		mg/Kg			07/05/22 12:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-7 (2)

Lab Sample ID: 880-16373-21

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/30/22 15:48	07/08/22 00:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/30/22 15:48	07/08/22 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	06/30/22 15:48	07/08/22 00:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/30/22 15:48	07/08/22 00:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 13:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 13:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	06/29/22 08:55	06/30/22 13:35	1
o-Terphenyl	107		70 - 130	06/29/22 08:55	06/30/22 13:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		24.9		mg/Kg			07/04/22 15:05	5

Client Sample ID: T-7 (3)

Lab Sample ID: 880-16373-22

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 00:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 00:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 00:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/30/22 15:48	07/08/22 00:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 00:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/30/22 15:48	07/08/22 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/30/22 15:48	07/08/22 00:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/30/22 15:48	07/08/22 00:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-7 (3)

Lab Sample ID: 880-16373-22

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 14:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/29/22 08:55	06/30/22 14:40	1
o-Terphenyl	103		70 - 130				06/29/22 08:55	06/30/22 14:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		5.05		mg/Kg			07/05/22 12:12	1

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-16373-23

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 01:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 01:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 01:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/30/22 15:48	07/08/22 01:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 01:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/30/22 15:48	07/08/22 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/30/22 15:48	07/08/22 01:19	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/30/22 15:48	07/08/22 01:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 16:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-16373-23

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				06/29/22 08:55	06/30/22 16:06	1
o-Terphenyl	116		70 - 130				06/29/22 08:55	06/30/22 16:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		25.0		mg/Kg			07/04/22 15:36	5

Client Sample ID: T-8 (2)

Lab Sample ID: 880-16373-24

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/30/22 15:48	07/08/22 01:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/30/22 15:48	07/08/22 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				06/30/22 15:48	07/08/22 01:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/30/22 15:48	07/08/22 01:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/29/22 08:55	06/30/22 16:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/29/22 08:55	06/30/22 16:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/29/22 08:55	06/30/22 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				06/29/22 08:55	06/30/22 16:28	1
o-Terphenyl	102		70 - 130				06/29/22 08:55	06/30/22 16:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.1		5.04		mg/Kg			07/05/22 12:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-8 (3)

Lab Sample ID: 880-16373-25

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/30/22 15:48	07/08/22 01:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 01:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/30/22 15:48	07/08/22 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/30/22 15:48	07/08/22 01:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/30/22 15:48	07/08/22 01:59	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 16:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 16:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/29/22 08:55	06/30/22 16:49	1
o-Terphenyl	102		70 - 130	06/29/22 08:55	06/30/22 16:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		4.95		mg/Kg			07/04/22 16:08	1

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-16373-26

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 02:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 02:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 02:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/22 15:48	07/08/22 02:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 02:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/22 15:48	07/08/22 02:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	06/30/22 15:48	07/08/22 02:20	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/30/22 15:48	07/08/22 02:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-16373-26

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 17:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 17:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				06/29/22 08:55	06/30/22 17:11	1
o-Terphenyl	107		70 - 130				06/29/22 08:55	06/30/22 17:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9840		101		mg/Kg			07/04/22 16:15	20

Client Sample ID: T-9 (2)

Lab Sample ID: 880-16373-27

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 02:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 02:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 02:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/30/22 15:48	07/08/22 02:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 02:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/30/22 15:48	07/08/22 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/30/22 15:48	07/08/22 02:40	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/30/22 15:48	07/08/22 02:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 17:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (2)

Lab Sample ID: 880-16373-27

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/29/22 08:55	06/30/22 17:32	1
o-Terphenyl	99		70 - 130				06/29/22 08:55	06/30/22 17:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		5.02		mg/Kg			07/04/22 16:23	1

Client Sample ID: T-9 (3)

Lab Sample ID: 880-16373-28

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 03:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 03:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 03:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/30/22 15:48	07/08/22 03:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 03:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/30/22 15:48	07/08/22 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/30/22 15:48	07/08/22 03:01	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/30/22 15:48	07/08/22 03:01	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 18:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 18:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/29/22 08:55	06/30/22 18:15	1
o-Terphenyl	100		70 - 130				06/29/22 08:55	06/30/22 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.01		mg/Kg			07/04/22 16:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-16373-29

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 03:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 03:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 03:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/30/22 15:48	07/08/22 03:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 03:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/30/22 15:48	07/08/22 03:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/30/22 15:48	07/08/22 03:21	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/30/22 15:48	07/08/22 03:21	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 18:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 18:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/29/22 08:55	06/30/22 18:37	1
o-Terphenyl	98		70 - 130	06/29/22 08:55	06/30/22 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3630		25.2		mg/Kg			07/04/22 16:39	5

Client Sample ID: T-10 (2)

Lab Sample ID: 880-16373-30

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 03:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 03:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 03:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:48	07/08/22 03:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 03:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:48	07/08/22 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/30/22 15:48	07/08/22 03:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/30/22 15:48	07/08/22 03:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (2)

Lab Sample ID: 880-16373-30

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 18:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 18:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				06/29/22 08:55	06/30/22 18:59	1
o-Terphenyl	117		70 - 130				06/29/22 08:55	06/30/22 18:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.1		5.01		mg/Kg			07/05/22 12:44	1

Client Sample ID: T-10 (3)

Lab Sample ID: 880-16373-31

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 05:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 05:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 05:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/30/22 15:48	07/08/22 05:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 05:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/30/22 15:48	07/08/22 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/30/22 15:48	07/08/22 05:31	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/30/22 15:48	07/08/22 05:31	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 19:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 19:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (3)

Lab Sample ID: 880-16373-31

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				06/29/22 08:55	06/30/22 19:20	1
o-Terphenyl	101		70 - 130				06/29/22 08:55	06/30/22 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.1		4.98		mg/Kg			07/05/22 12:52	1

Client Sample ID: T-11 (0-1)

Lab Sample ID: 880-16373-32

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 05:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 05:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 05:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/30/22 15:48	07/08/22 05:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/30/22 15:48	07/08/22 05:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/30/22 15:48	07/08/22 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				06/30/22 15:48	07/08/22 05:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/30/22 15:48	07/08/22 05:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 19:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 19:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/29/22 08:55	06/30/22 19:41	1
o-Terphenyl	90		70 - 130				06/29/22 08:55	06/30/22 19:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10600	F1	99.4		mg/Kg			07/05/22 00:25	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (2)

Lab Sample ID: 880-16373-33

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 06:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 06:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 06:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/22 15:48	07/08/22 06:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 06:12	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/22 15:48	07/08/22 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	06/30/22 15:48	07/08/22 06:12	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/30/22 15:48	07/08/22 06:12	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 20:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 20:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	06/29/22 08:55	06/30/22 20:03	1
o-Terphenyl	106		70 - 130	06/29/22 08:55	06/30/22 20:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/05/22 13:45	1

Client Sample ID: T-11 (3)

Lab Sample ID: 880-16373-34

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 06:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 06:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 06:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/30/22 15:48	07/08/22 06:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 06:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/30/22 15:48	07/08/22 06:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/30/22 15:48	07/08/22 06:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/30/22 15:48	07/08/22 06:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (3)

Lab Sample ID: 880-16373-34

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 20:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 20:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				06/29/22 08:55	06/30/22 20:24	1
o-Terphenyl	120		70 - 130				06/29/22 08:55	06/30/22 20:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		4.95		mg/Kg			07/05/22 13:55	1

Client Sample ID: T-12 (0-1)

Lab Sample ID: 880-16373-35

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 06:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 06:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 06:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/30/22 15:48	07/08/22 06:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/30/22 15:48	07/08/22 06:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/30/22 15:48	07/08/22 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/30/22 15:48	07/08/22 06:53	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/30/22 15:48	07/08/22 06:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1210		49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 20:46	1
Diesel Range Organics (Over C10-C28)	1210		49.9		mg/Kg		06/29/22 08:55	06/30/22 20:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (0-1)

Lab Sample ID: 880-16373-35

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				06/29/22 08:55	06/30/22 20:46	1
o-Terphenyl	125		70 - 130				06/29/22 08:55	06/30/22 20:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		49.6		mg/Kg			07/05/22 01:11	10

Client Sample ID: T-12 (2)

Lab Sample ID: 880-16373-36

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:48	07/08/22 07:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:48	07/08/22 07:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				06/30/22 15:48	07/08/22 07:13	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/30/22 15:48	07/08/22 07:13	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 21:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 21:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				06/29/22 08:55	06/30/22 21:07	1
o-Terphenyl	121		70 - 130				06/29/22 08:55	06/30/22 21:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	294		5.00		mg/Kg			07/05/22 01:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (3)

Lab Sample ID: 880-16373-37

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 07:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 07:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 07:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/22 15:48	07/08/22 07:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/22 15:48	07/08/22 07:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/22 15:48	07/08/22 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/30/22 15:48	07/08/22 07:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130	06/30/22 15:48	07/08/22 07:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 21:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 21:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/29/22 08:55	06/30/22 21:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	06/29/22 08:55	06/30/22 21:29	1
o-Terphenyl	125		70 - 130	06/29/22 08:55	06/30/22 21:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	457		4.98		mg/Kg			07/05/22 01:48	1

Client Sample ID: T-13 (0-1)

Lab Sample ID: 880-16373-38

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/30/22 15:48	07/08/22 07:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 07:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/30/22 15:48	07/08/22 07:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	06/30/22 15:48	07/08/22 07:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/30/22 15:48	07/08/22 07:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-13 (0-1)

Lab Sample ID: 880-16373-38

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 11:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 11:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 11:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				07/01/22 08:22	07/02/22 11:40	1
o-Terphenyl	94		70 - 130				07/01/22 08:22	07/02/22 11:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		5.05		mg/Kg			07/05/22 01:57	1

Client Sample ID: T-13 (2)

Lab Sample ID: 880-16373-39

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 08:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 08:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 08:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/30/22 15:48	07/08/22 08:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 08:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/30/22 15:48	07/08/22 08:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/30/22 15:48	07/08/22 08:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/30/22 15:48	07/08/22 08:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 12:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 12:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-13 (2)

Lab Sample ID: 880-16373-39

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 12:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				07/01/22 08:22	07/02/22 12:45	1
o-Terphenyl	112		70 - 130				07/01/22 08:22	07/02/22 12:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.2		5.01		mg/Kg			07/05/22 02:06	1

Client Sample ID: T-13 (3)

Lab Sample ID: 880-16373-40

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 08:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 08:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 08:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/30/22 15:48	07/08/22 08:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/30/22 15:48	07/08/22 08:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/30/22 15:48	07/08/22 08:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/30/22 15:48	07/08/22 08:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/30/22 15:48	07/08/22 08:35	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			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/30/22 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 13:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 13:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/01/22 08:22	07/02/22 13:07	1
o-Terphenyl	109		70 - 130				07/01/22 08:22	07/02/22 13:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	471		4.99		mg/Kg			07/05/22 14:04	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
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)
880-16373-1	T-1 (0-1)	113	97
880-16373-1 MS	T-1 (0-1)	113	97
880-16373-1 MSD	T-1 (0-1)	112	103
880-16373-2	T-1 (2)	113	103
880-16373-3	T-1 (3)	109	101
880-16373-4	T-1 (4)	115	103
880-16373-5	T-2 (0-1)	113	100
880-16373-6	T-2 (2)	106	100
880-16373-7	T-2 (3)	109	97
880-16373-8	T-3 (0-1)	111	103
880-16373-9	T-3 (2)	112	100
880-16373-10	T-3 (3)	109	101
880-16373-11	T-4 (0-1)	114	102
880-16373-12	T-4 (2)	111	99
880-16373-13	T-4 (3)	112	100
880-16373-14	T-5 (0-1)	109	99
880-16373-15	T-5 (2)	111	100
880-16373-16	T-5 (3)	116	96
880-16373-17	T-6 (0-1)	117	96
880-16373-18	T-6 (2)	113	94
880-16373-19	T-6 (3)	115	94
880-16373-20	T-7 (0-1)	116	96
880-16373-21	T-7 (2)	126	95
880-16373-21 MS	T-7 (2)	116	105
880-16373-21 MSD	T-7 (2)	115	101
880-16373-22	T-7 (3)	108	98
880-16373-23	T-8 (0-1)	114	102
880-16373-24	T-8 (2)	119	93
880-16373-25	T-8 (3)	121	97
880-16373-26	T-9 (0-1)	119	100
880-16373-27	T-9 (2)	117	102
880-16373-28	T-9 (3)	99	97
880-16373-29	T-10 (0-1)	118	100
880-16373-30	T-10 (2)	121	99
880-16373-31	T-10 (3)	114	99
880-16373-32	T-11 (0-1)	120	96
880-16373-33	T-11 (2)	125	97
880-16373-34	T-11 (3)	121	98
880-16373-35	T-12 (0-1)	117	102
880-16373-36	T-12 (2)	123	96
880-16373-37	T-12 (3)	112	92
880-16373-38	T-13 (0-1)	113	99
880-16373-39	T-13 (2)	116	96
880-16373-40	T-13 (3)	107	96
LCS 880-28771/1-A	Lab Control Sample	104	101
LCS 880-28772/1-A	Lab Control Sample	110	93
LCSD 880-28771/2-A	Lab Control Sample Dup	108	99
LCSD 880-28772/2-A	Lab Control Sample Dup	109	98
MB 880-28771/5-A	Method Blank	101	98

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Surrogate Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
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)				
MB 880-28772/5-A	Method Blank	103	97				
MB 880-29191/5-A	Method Blank	103	99				
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)				
880-16373-1	T-1 (0-1)	81	81				
880-16373-1 MS	T-1 (0-1)	95	83				
880-16373-1 MSD	T-1 (0-1)	96	83				
880-16373-2	T-1 (2)	87	89				
880-16373-3	T-1 (3)	83	82				
880-16373-4	T-1 (4)	101	105				
880-16373-5	T-2 (0-1)	83	84				
880-16373-6	T-2 (2)	84	85				
880-16373-7	T-2 (3)	93	94				
880-16373-8	T-3 (0-1)	82	83				
880-16373-9	T-3 (2)	86	88				
880-16373-10	T-3 (3)	85	87				
880-16373-11	T-4 (0-1)	84	84				
880-16373-12	T-4 (2)	85	86				
880-16373-13	T-4 (3)	82	83				
880-16373-14	T-5 (0-1)	82	83				
880-16373-15	T-5 (2)	83	84				
880-16373-16	T-5 (3)	82	84				
880-16373-17	T-6 (0-1)	84	85				
880-16373-18	T-6 (2)	85	88				
880-16373-19	T-6 (3)	82	84				
880-16373-20	T-7 (0-1)	83	85				
880-16373-21	T-7 (2)	98	107				
880-16373-21 MS	T-7 (2)	100	96				
880-16373-21 MSD	T-7 (2)	99	99				
880-16373-22	T-7 (3)	101	103				
880-16373-23	T-8 (0-1)	109	116				
880-16373-24	T-8 (2)	94	102				
880-16373-25	T-8 (3)	92	102				
880-16373-26	T-9 (0-1)	100	107				
880-16373-27	T-9 (2)	92	99				
880-16373-28	T-9 (3)	91	100				
880-16373-29	T-10 (0-1)	92	98				
880-16373-30	T-10 (2)	112	117				
880-16373-31	T-10 (3)	94	101				
880-16373-32	T-11 (0-1)	83	90				
880-16373-33	T-11 (2)	95	106				
880-16373-34	T-11 (3)	109	120				

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-16373-1

Project/Site: Scout State Com 605 Frac Spill

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)
880-16373-35	T-12 (0-1)	115	125
880-16373-36	T-12 (2)	112	121
880-16373-37	T-12 (3)	113	125
880-16373-38	T-13 (0-1)	90	94
880-16373-38 MS	T-13 (0-1)	90	82
880-16373-38 MSD	T-13 (0-1)	90	87
880-16373-39	T-13 (2)	102	112
880-16373-40	T-13 (3)	99	109
LCS 880-28612/2-A	Lab Control Sample	82	79
LCS 880-28614/2-A	Lab Control Sample	79	75
LCS 880-28805/2-A	Lab Control Sample	103	96
LCSD 880-28612/3-A	Lab Control Sample Dup	99	95
LCSD 880-28614/3-A	Lab Control Sample Dup	82	83
LCSD 880-28805/3-A	Lab Control Sample Dup	107	105
MB 880-28612/1-A	Method Blank	101	105
MB 880-28614/1-A	Method Blank	111	125
MB 880-28805/1-A	Method Blank	114	114
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28771/5-A

Matrix: Solid

Analysis Batch: 29357

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 16:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/30/22 15:42	07/09/22 16:41	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/30/22 15:42	07/09/22 16:41	1

Lab Sample ID: LCS 880-28771/1-A

Matrix: Solid

Analysis Batch: 29357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28771

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1083		mg/Kg		108	70 - 130
Toluene	0.100	0.1070		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.09270		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1886		mg/Kg		94	70 - 130
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-28771/2-A

Matrix: Solid

Analysis Batch: 29357

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28771

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1042		mg/Kg		104	70 - 130	4	35
Toluene	0.100	0.1091		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.09539		mg/Kg		95	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1953		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.1116		mg/Kg		112	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-16373-1 MS

Matrix: Solid

Analysis Batch: 29357

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 28771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1	0.100	0.02364	F1	mg/Kg		24	70 - 130
Toluene	<0.00199	U F1	0.100	0.02481	F1	mg/Kg		25	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-16373-1 MS

Matrix: Solid

Analysis Batch: 29357

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 28771

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U F1	0.100	0.01956	F1	mg/Kg		20	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.04151	F1	mg/Kg		21	70 - 130
o-Xylene	<0.00199	U F1	0.100	0.02732	F1	mg/Kg		27	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-16373-1 MSD

Matrix: Solid

Analysis Batch: 29357

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 28771

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.101	0.03097	F1	mg/Kg		31	70 - 130	27	35
Toluene	<0.00199	U F1	0.101	0.02459	F1	mg/Kg		24	70 - 130	1	35
Ethylbenzene	<0.00199	U F1	0.101	0.01908	F1	mg/Kg		19	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U F1	0.202	0.04047	F1	mg/Kg		20	70 - 130	3	35
o-Xylene	<0.00199	U F1	0.101	0.02646	F1	mg/Kg		26	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-28772/5-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28772

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/22 15:48	07/08/22 00:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:48	07/08/22 00:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:48	07/08/22 00:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/30/22 15:48	07/08/22 00:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/30/22 15:48	07/08/22 00:09	1

Lab Sample ID: LCS 880-28772/1-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07473		mg/Kg		75	70 - 130
Toluene	0.100	0.08968		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.07718		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	0.200	0.1590		mg/Kg		80	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-28772/1-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09202		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-28772/2-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28772

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07208		mg/Kg		72	70 - 130	4	35
Toluene	0.100	0.07921		mg/Kg		79	70 - 130	12	35
Ethylbenzene	0.100	0.07050		mg/Kg		71	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1451		mg/Kg		73	70 - 130	9	35
o-Xylene	0.100	0.08467		mg/Kg		85	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-16373-21 MS

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: T-7 (2)

Prep Type: Total/NA

Prep Batch: 28772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.09068		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.101	0.09385		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.08231		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1667		mg/Kg		83	70 - 130
o-Xylene	<0.00200	U	0.101	0.09501		mg/Kg		94	70 - 130

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

Lab Sample ID: 880-16373-21 MSD

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: T-7 (2)

Prep Type: Total/NA

Prep Batch: 28772

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08552		mg/Kg		85	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.09396		mg/Kg		94	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.08110		mg/Kg		81	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1665		mg/Kg		83	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09537		mg/Kg		95	70 - 130	0	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-16373-21 MSD

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: T-7 (2)

Prep Type: Total/NA

Prep Batch: 28772

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-29191/5-A

Matrix: Solid

Analysis Batch: 29173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29191

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1	
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/07/22 10:17	07/07/22 12:31	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 10:17	07/07/22 12:31	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	103		70 - 130				07/07/22 10:17	07/07/22 12:31	1	
1,4-Difluorobenzene (Surr)	99		70 - 130				07/07/22 10:17	07/07/22 12:31	1	

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

Lab Sample ID: MB 880-28612/1-A

Matrix: Solid

Analysis Batch: 28599

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28612

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 11:09	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 11:09	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:48	06/29/22 11:09	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	101		70 - 130				06/29/22 08:48	06/29/22 11:09	1	
o-Terphenyl	105		70 - 130				06/29/22 08:48	06/29/22 11:09	1	

Lab Sample ID: LCS 880-28612/2-A

Matrix: Solid

Analysis Batch: 28599

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28612

	Spike	LCS	LCS							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	645.6	*-	mg/Kg		65		70 - 130		
Diesel Range Organics (Over C10-C28)	1000	741.6		mg/Kg		74		70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	82		70 - 130							
o-Terphenyl	79		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-28612/3-A

Matrix: Solid

Analysis Batch: 28599

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28612

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	781.3		mg/Kg		78	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	887.1		mg/Kg		89	70 - 130	18	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	99		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: 880-16373-1 MS

Matrix: Solid

Analysis Batch: 28599

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 28612

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 *-	996	1056		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	950.0		mg/Kg		95	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-16373-1 MSD

Matrix: Solid

Analysis Batch: 28599

Client Sample ID: T-1 (0-1)

Prep Type: Total/NA

Prep Batch: 28612

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	1066		mg/Kg		107	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	958.4		mg/Kg		96	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: MB 880-28614/1-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28614

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 12:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 12:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/29/22 08:55	06/30/22 12:30	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-28614/1-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28614

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	06/29/22 08:55	06/30/22 12:30	1
o-Terphenyl	125		70 - 130	06/29/22 08:55	06/30/22 12:30	1

Lab Sample ID: LCS 880-28614/2-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28614

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1015		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	766.3		mg/Kg		77	70 - 130		

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	79		70 - 130			
o-Terphenyl	75		70 - 130			

Lab Sample ID: LCSD 880-28614/3-A

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28614

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1192		mg/Kg		119	70 - 130	16	20	
Diesel Range Organics (Over C10-C28)			1000	896.8		mg/Kg		90	70 - 130	16	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	82		70 - 130			
o-Terphenyl	83		70 - 130			

Lab Sample ID: 880-16373-21 MS

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: T-7 (2)

Prep Type: Total/NA

Prep Batch: 28614

	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	996	1186		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1095		mg/Kg		110	70 - 130		

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	100		70 - 130			
o-Terphenyl	96		70 - 130			

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QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-16373-21 MSD

Matrix: Solid

Analysis Batch: 28713

Client Sample ID: T-7 (2)

Prep Type: Total/NA

Prep Batch: 28614

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	1209		mg/Kg		121	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1121		mg/Kg		113	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: MB 880-28805/1-A

Matrix: Solid

Analysis Batch: 28916

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 10:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 10:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 10:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				07/01/22 08:22	07/02/22 10:34	1
o-Terphenyl	114		70 - 130				07/01/22 08:22	07/02/22 10:34	1

Lab Sample ID: LCS 880-28805/2-A

Matrix: Solid

Analysis Batch: 28916

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	852.2		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	968.8		mg/Kg		97	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	103		70 - 130						
o-Terphenyl	96		70 - 130						

Lab Sample ID: LCSD 880-28805/3-A

Matrix: Solid

Analysis Batch: 28916

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	965.3		mg/Kg		97	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130	7	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-28805/3-A

Matrix: Solid

Analysis Batch: 28916

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28805

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-16373-38 MS

Matrix: Solid

Analysis Batch: 28916

Client Sample ID: T-13 (0-1)

Prep Type: Total/NA

Prep Batch: 28805

	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	996	790.0		mg/Kg		79	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	708.5		mg/Kg		70	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 - 130							
o-Terphenyl	82		70 - 130							

Lab Sample ID: 880-16373-38 MSD

Matrix: Solid

Analysis Batch: 28916

Client Sample ID: T-13 (0-1)

Prep Type: Total/NA

Prep Batch: 28805

	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	808.4		mg/Kg		81	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	736.3		mg/Kg		72	70 - 130	4	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	90		70 - 130									
o-Terphenyl	87		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28560/1-A

Matrix: Solid

Analysis Batch: 28886

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			07/04/22 18:35	1	

Lab Sample ID: LCS 880-28560/2-A

Matrix: Solid

Analysis Batch: 28886

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	232.9		mg/Kg		93	90 - 110			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-28560/3-A

Matrix: Solid

Analysis Batch: 28886

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	236.5		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-16373-2 MS

Matrix: Solid

Analysis Batch: 28886

Client Sample ID: T-1 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.0		248	302.0		mg/Kg		99	90 - 110		

Lab Sample ID: 880-16373-2 MSD

Matrix: Solid

Analysis Batch: 28886

Client Sample ID: T-1 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.0		248	300.7		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-28561/1-A

Matrix: Solid

Analysis Batch: 28888

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/04/22 12:59	1

Lab Sample ID: LCS 880-28561/2-A

Matrix: Solid

Analysis Batch: 28888

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	243.3		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-28561/3-A

Matrix: Solid

Analysis Batch: 28888

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-16373-12 MS

Matrix: Solid

Analysis Batch: 28888

Client Sample ID: T-4 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.9		252	278.1		mg/Kg		105	90 - 110		

Lab Sample ID: 880-16373-12 MSD

Matrix: Solid

Analysis Batch: 28888

Client Sample ID: T-4 (2)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.9		252	278.6		mg/Kg		105	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-16373-22 MS

Matrix: Solid

Analysis Batch: 28888

Client Sample ID: T-7 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	228		253	492.8		mg/Kg		105	90 - 110

Lab Sample ID: 880-16373-22 MSD

Matrix: Solid

Analysis Batch: 28888

Client Sample ID: T-7 (3)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	228		253	493.1		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-28639/1-A

Matrix: Solid

Analysis Batch: 28890

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/04/22 23:58	1

Lab Sample ID: LCS 880-28639/2-A

Matrix: Solid

Analysis Batch: 28890

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-28639/3-A

Matrix: Solid

Analysis Batch: 28890

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	240.0		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 880-16373-32 MS

Matrix: Solid

Analysis Batch: 28890

Client Sample ID: T-11 (0-1)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10600	F1	4970	17190	F1	mg/Kg		132	90 - 110

Lab Sample ID: 880-16373-32 MSD

Matrix: Solid

Analysis Batch: 28890

Client Sample ID: T-11 (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	10600	F1	4970	17220	F1	mg/Kg		133	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 28771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Total/NA	Solid	5035	
880-16373-2	T-1 (2)	Total/NA	Solid	5035	
880-16373-3	T-1 (3)	Total/NA	Solid	5035	
880-16373-4	T-1 (4)	Total/NA	Solid	5035	
880-16373-5	T-2 (0-1)	Total/NA	Solid	5035	
880-16373-6	T-2 (2)	Total/NA	Solid	5035	
880-16373-7	T-2 (3)	Total/NA	Solid	5035	
880-16373-8	T-3 (0-1)	Total/NA	Solid	5035	
880-16373-9	T-3 (2)	Total/NA	Solid	5035	
880-16373-10	T-3 (3)	Total/NA	Solid	5035	
880-16373-11	T-4 (0-1)	Total/NA	Solid	5035	
880-16373-12	T-4 (2)	Total/NA	Solid	5035	
880-16373-13	T-4 (3)	Total/NA	Solid	5035	
880-16373-14	T-5 (0-1)	Total/NA	Solid	5035	
880-16373-15	T-5 (2)	Total/NA	Solid	5035	
880-16373-16	T-5 (3)	Total/NA	Solid	5035	
880-16373-17	T-6 (0-1)	Total/NA	Solid	5035	
880-16373-18	T-6 (2)	Total/NA	Solid	5035	
880-16373-19	T-6 (3)	Total/NA	Solid	5035	
880-16373-20	T-7 (0-1)	Total/NA	Solid	5035	
MB 880-28771/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28771/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28771/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16373-1 MS	T-1 (0-1)	Total/NA	Solid	5035	
880-16373-1 MSD	T-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 28772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-21	T-7 (2)	Total/NA	Solid	5035	
880-16373-22	T-7 (3)	Total/NA	Solid	5035	
880-16373-23	T-8 (0-1)	Total/NA	Solid	5035	
880-16373-24	T-8 (2)	Total/NA	Solid	5035	
880-16373-25	T-8 (3)	Total/NA	Solid	5035	
880-16373-26	T-9 (0-1)	Total/NA	Solid	5035	
880-16373-27	T-9 (2)	Total/NA	Solid	5035	
880-16373-28	T-9 (3)	Total/NA	Solid	5035	
880-16373-29	T-10 (0-1)	Total/NA	Solid	5035	
880-16373-30	T-10 (2)	Total/NA	Solid	5035	
880-16373-31	T-10 (3)	Total/NA	Solid	5035	
880-16373-32	T-11 (0-1)	Total/NA	Solid	5035	
880-16373-33	T-11 (2)	Total/NA	Solid	5035	
880-16373-34	T-11 (3)	Total/NA	Solid	5035	
880-16373-35	T-12 (0-1)	Total/NA	Solid	5035	
880-16373-36	T-12 (2)	Total/NA	Solid	5035	
880-16373-37	T-12 (3)	Total/NA	Solid	5035	
880-16373-38	T-13 (0-1)	Total/NA	Solid	5035	
880-16373-39	T-13 (2)	Total/NA	Solid	5035	
880-16373-40	T-13 (3)	Total/NA	Solid	5035	
MB 880-28772/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28772/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28772/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 28772 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-21 MS	T-7 (2)	Total/NA	Solid	5035	
880-16373-21 MSD	T-7 (2)	Total/NA	Solid	5035	

Analysis Batch: 29173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-21	T-7 (2)	Total/NA	Solid	8021B	28772
880-16373-22	T-7 (3)	Total/NA	Solid	8021B	28772
880-16373-23	T-8 (0-1)	Total/NA	Solid	8021B	28772
880-16373-24	T-8 (2)	Total/NA	Solid	8021B	28772
880-16373-25	T-8 (3)	Total/NA	Solid	8021B	28772
880-16373-26	T-9 (0-1)	Total/NA	Solid	8021B	28772
880-16373-27	T-9 (2)	Total/NA	Solid	8021B	28772
880-16373-28	T-9 (3)	Total/NA	Solid	8021B	28772
880-16373-29	T-10 (0-1)	Total/NA	Solid	8021B	28772
880-16373-30	T-10 (2)	Total/NA	Solid	8021B	28772
880-16373-31	T-10 (3)	Total/NA	Solid	8021B	28772
880-16373-32	T-11 (0-1)	Total/NA	Solid	8021B	28772
880-16373-33	T-11 (2)	Total/NA	Solid	8021B	28772
880-16373-34	T-11 (3)	Total/NA	Solid	8021B	28772
880-16373-35	T-12 (0-1)	Total/NA	Solid	8021B	28772
880-16373-36	T-12 (2)	Total/NA	Solid	8021B	28772
880-16373-37	T-12 (3)	Total/NA	Solid	8021B	28772
880-16373-38	T-13 (0-1)	Total/NA	Solid	8021B	28772
880-16373-39	T-13 (2)	Total/NA	Solid	8021B	28772
880-16373-40	T-13 (3)	Total/NA	Solid	8021B	28772
MB 880-28772/5-A	Method Blank	Total/NA	Solid	8021B	28772
MB 880-29191/5-A	Method Blank	Total/NA	Solid	8021B	29191
LCS 880-28772/1-A	Lab Control Sample	Total/NA	Solid	8021B	28772
LCSD 880-28772/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28772
880-16373-21 MS	T-7 (2)	Total/NA	Solid	8021B	28772
880-16373-21 MSD	T-7 (2)	Total/NA	Solid	8021B	28772

Prep Batch: 29191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-29191/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 29330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-2	T-1 (2)	Total/NA	Solid	Total BTEX	
880-16373-3	T-1 (3)	Total/NA	Solid	Total BTEX	
880-16373-4	T-1 (4)	Total/NA	Solid	Total BTEX	
880-16373-5	T-2 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-6	T-2 (2)	Total/NA	Solid	Total BTEX	
880-16373-7	T-2 (3)	Total/NA	Solid	Total BTEX	
880-16373-8	T-3 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-9	T-3 (2)	Total/NA	Solid	Total BTEX	
880-16373-10	T-3 (3)	Total/NA	Solid	Total BTEX	
880-16373-11	T-4 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-12	T-4 (2)	Total/NA	Solid	Total BTEX	
880-16373-13	T-4 (3)	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 29330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-14	T-5 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-15	T-5 (2)	Total/NA	Solid	Total BTEX	
880-16373-16	T-5 (3)	Total/NA	Solid	Total BTEX	
880-16373-17	T-6 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-18	T-6 (2)	Total/NA	Solid	Total BTEX	
880-16373-19	T-6 (3)	Total/NA	Solid	Total BTEX	
880-16373-20	T-7 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-21	T-7 (2)	Total/NA	Solid	Total BTEX	
880-16373-22	T-7 (3)	Total/NA	Solid	Total BTEX	
880-16373-23	T-8 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-24	T-8 (2)	Total/NA	Solid	Total BTEX	
880-16373-25	T-8 (3)	Total/NA	Solid	Total BTEX	
880-16373-26	T-9 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-27	T-9 (2)	Total/NA	Solid	Total BTEX	
880-16373-28	T-9 (3)	Total/NA	Solid	Total BTEX	
880-16373-29	T-10 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-30	T-10 (2)	Total/NA	Solid	Total BTEX	
880-16373-31	T-10 (3)	Total/NA	Solid	Total BTEX	
880-16373-32	T-11 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-33	T-11 (2)	Total/NA	Solid	Total BTEX	
880-16373-34	T-11 (3)	Total/NA	Solid	Total BTEX	
880-16373-35	T-12 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-36	T-12 (2)	Total/NA	Solid	Total BTEX	
880-16373-37	T-12 (3)	Total/NA	Solid	Total BTEX	
880-16373-38	T-13 (0-1)	Total/NA	Solid	Total BTEX	
880-16373-39	T-13 (2)	Total/NA	Solid	Total BTEX	
880-16373-40	T-13 (3)	Total/NA	Solid	Total BTEX	

Analysis Batch: 29357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Total/NA	Solid	8021B	28771
880-16373-2	T-1 (2)	Total/NA	Solid	8021B	28771
880-16373-3	T-1 (3)	Total/NA	Solid	8021B	28771
880-16373-4	T-1 (4)	Total/NA	Solid	8021B	28771
880-16373-5	T-2 (0-1)	Total/NA	Solid	8021B	28771
880-16373-6	T-2 (2)	Total/NA	Solid	8021B	28771
880-16373-7	T-2 (3)	Total/NA	Solid	8021B	28771
880-16373-8	T-3 (0-1)	Total/NA	Solid	8021B	28771
880-16373-9	T-3 (2)	Total/NA	Solid	8021B	28771
880-16373-10	T-3 (3)	Total/NA	Solid	8021B	28771
880-16373-11	T-4 (0-1)	Total/NA	Solid	8021B	28771
880-16373-12	T-4 (2)	Total/NA	Solid	8021B	28771
880-16373-13	T-4 (3)	Total/NA	Solid	8021B	28771
880-16373-14	T-5 (0-1)	Total/NA	Solid	8021B	28771
880-16373-15	T-5 (2)	Total/NA	Solid	8021B	28771
880-16373-16	T-5 (3)	Total/NA	Solid	8021B	28771
880-16373-17	T-6 (0-1)	Total/NA	Solid	8021B	28771
880-16373-18	T-6 (2)	Total/NA	Solid	8021B	28771
880-16373-19	T-6 (3)	Total/NA	Solid	8021B	28771
880-16373-20	T-7 (0-1)	Total/NA	Solid	8021B	28771
MB 880-28771/5-A	Method Blank	Total/NA	Solid	8021B	28771

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 29357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-28771/1-A	Lab Control Sample	Total/NA	Solid	8021B	28771
LCSD 880-28771/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28771
880-16373-1 MS	T-1 (0-1)	Total/NA	Solid	8021B	28771
880-16373-1 MSD	T-1 (0-1)	Total/NA	Solid	8021B	28771

GC Semi VOA

Analysis Batch: 28599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-2	T-1 (2)	Total/NA	Solid	8015B NM	28612
880-16373-3	T-1 (3)	Total/NA	Solid	8015B NM	28612
880-16373-4	T-1 (4)	Total/NA	Solid	8015B NM	28612
880-16373-5	T-2 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-6	T-2 (2)	Total/NA	Solid	8015B NM	28612
880-16373-7	T-2 (3)	Total/NA	Solid	8015B NM	28612
880-16373-8	T-3 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-9	T-3 (2)	Total/NA	Solid	8015B NM	28612
880-16373-10	T-3 (3)	Total/NA	Solid	8015B NM	28612
880-16373-11	T-4 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-12	T-4 (2)	Total/NA	Solid	8015B NM	28612
880-16373-13	T-4 (3)	Total/NA	Solid	8015B NM	28612
880-16373-14	T-5 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-15	T-5 (2)	Total/NA	Solid	8015B NM	28612
880-16373-16	T-5 (3)	Total/NA	Solid	8015B NM	28612
880-16373-17	T-6 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-18	T-6 (2)	Total/NA	Solid	8015B NM	28612
880-16373-19	T-6 (3)	Total/NA	Solid	8015B NM	28612
880-16373-20	T-7 (0-1)	Total/NA	Solid	8015B NM	28612
MB 880-28612/1-A	Method Blank	Total/NA	Solid	8015B NM	28612
LCS 880-28612/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28612
LCSD 880-28612/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28612
880-16373-1 MS	T-1 (0-1)	Total/NA	Solid	8015B NM	28612
880-16373-1 MSD	T-1 (0-1)	Total/NA	Solid	8015B NM	28612

Prep Batch: 28612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-2	T-1 (2)	Total/NA	Solid	8015NM Prep	
880-16373-3	T-1 (3)	Total/NA	Solid	8015NM Prep	
880-16373-4	T-1 (4)	Total/NA	Solid	8015NM Prep	
880-16373-5	T-2 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-6	T-2 (2)	Total/NA	Solid	8015NM Prep	
880-16373-7	T-2 (3)	Total/NA	Solid	8015NM Prep	
880-16373-8	T-3 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-9	T-3 (2)	Total/NA	Solid	8015NM Prep	
880-16373-10	T-3 (3)	Total/NA	Solid	8015NM Prep	
880-16373-11	T-4 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-12	T-4 (2)	Total/NA	Solid	8015NM Prep	
880-16373-13	T-4 (3)	Total/NA	Solid	8015NM Prep	
880-16373-14	T-5 (0-1)	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 28612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-15	T-5 (2)	Total/NA	Solid	8015NM Prep	
880-16373-16	T-5 (3)	Total/NA	Solid	8015NM Prep	
880-16373-17	T-6 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-18	T-6 (2)	Total/NA	Solid	8015NM Prep	
880-16373-19	T-6 (3)	Total/NA	Solid	8015NM Prep	
880-16373-20	T-7 (0-1)	Total/NA	Solid	8015NM Prep	
MB 880-28612/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28612/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28612/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16373-1 MS	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-1 MSD	T-1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 28614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-21	T-7 (2)	Total/NA	Solid	8015NM Prep	
880-16373-22	T-7 (3)	Total/NA	Solid	8015NM Prep	
880-16373-23	T-8 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-24	T-8 (2)	Total/NA	Solid	8015NM Prep	
880-16373-25	T-8 (3)	Total/NA	Solid	8015NM Prep	
880-16373-26	T-9 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-27	T-9 (2)	Total/NA	Solid	8015NM Prep	
880-16373-28	T-9 (3)	Total/NA	Solid	8015NM Prep	
880-16373-29	T-10 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-30	T-10 (2)	Total/NA	Solid	8015NM Prep	
880-16373-31	T-10 (3)	Total/NA	Solid	8015NM Prep	
880-16373-32	T-11 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-33	T-11 (2)	Total/NA	Solid	8015NM Prep	
880-16373-34	T-11 (3)	Total/NA	Solid	8015NM Prep	
880-16373-35	T-12 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-36	T-12 (2)	Total/NA	Solid	8015NM Prep	
880-16373-37	T-12 (3)	Total/NA	Solid	8015NM Prep	
MB 880-28614/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28614/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28614/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16373-21 MS	T-7 (2)	Total/NA	Solid	8015NM Prep	
880-16373-21 MSD	T-7 (2)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-21	T-7 (2)	Total/NA	Solid	8015B NM	28614
880-16373-22	T-7 (3)	Total/NA	Solid	8015B NM	28614
880-16373-23	T-8 (0-1)	Total/NA	Solid	8015B NM	28614
880-16373-24	T-8 (2)	Total/NA	Solid	8015B NM	28614
880-16373-25	T-8 (3)	Total/NA	Solid	8015B NM	28614
880-16373-26	T-9 (0-1)	Total/NA	Solid	8015B NM	28614
880-16373-27	T-9 (2)	Total/NA	Solid	8015B NM	28614
880-16373-28	T-9 (3)	Total/NA	Solid	8015B NM	28614
880-16373-29	T-10 (0-1)	Total/NA	Solid	8015B NM	28614
880-16373-30	T-10 (2)	Total/NA	Solid	8015B NM	28614
880-16373-31	T-10 (3)	Total/NA	Solid	8015B NM	28614
880-16373-32	T-11 (0-1)	Total/NA	Solid	8015B NM	28614

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 28713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-33	T-11 (2)	Total/NA	Solid	8015B NM	28614
880-16373-34	T-11 (3)	Total/NA	Solid	8015B NM	28614
880-16373-35	T-12 (0-1)	Total/NA	Solid	8015B NM	28614
880-16373-36	T-12 (2)	Total/NA	Solid	8015B NM	28614
880-16373-37	T-12 (3)	Total/NA	Solid	8015B NM	28614
MB 880-28614/1-A	Method Blank	Total/NA	Solid	8015B NM	28614
LCS 880-28614/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28614
LCSD 880-28614/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28614
880-16373-21 MS	T-7 (2)	Total/NA	Solid	8015B NM	28614
880-16373-21 MSD	T-7 (2)	Total/NA	Solid	8015B NM	28614

Analysis Batch: 28721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Total/NA	Solid	8015 NM	
880-16373-2	T-1 (2)	Total/NA	Solid	8015 NM	
880-16373-3	T-1 (3)	Total/NA	Solid	8015 NM	
880-16373-4	T-1 (4)	Total/NA	Solid	8015 NM	
880-16373-5	T-2 (0-1)	Total/NA	Solid	8015 NM	
880-16373-6	T-2 (2)	Total/NA	Solid	8015 NM	
880-16373-7	T-2 (3)	Total/NA	Solid	8015 NM	
880-16373-8	T-3 (0-1)	Total/NA	Solid	8015 NM	
880-16373-9	T-3 (2)	Total/NA	Solid	8015 NM	
880-16373-10	T-3 (3)	Total/NA	Solid	8015 NM	
880-16373-11	T-4 (0-1)	Total/NA	Solid	8015 NM	
880-16373-12	T-4 (2)	Total/NA	Solid	8015 NM	
880-16373-13	T-4 (3)	Total/NA	Solid	8015 NM	
880-16373-14	T-5 (0-1)	Total/NA	Solid	8015 NM	
880-16373-15	T-5 (2)	Total/NA	Solid	8015 NM	
880-16373-16	T-5 (3)	Total/NA	Solid	8015 NM	
880-16373-17	T-6 (0-1)	Total/NA	Solid	8015 NM	
880-16373-18	T-6 (2)	Total/NA	Solid	8015 NM	
880-16373-19	T-6 (3)	Total/NA	Solid	8015 NM	
880-16373-20	T-7 (0-1)	Total/NA	Solid	8015 NM	
880-16373-21	T-7 (2)	Total/NA	Solid	8015 NM	
880-16373-22	T-7 (3)	Total/NA	Solid	8015 NM	
880-16373-23	T-8 (0-1)	Total/NA	Solid	8015 NM	
880-16373-24	T-8 (2)	Total/NA	Solid	8015 NM	
880-16373-25	T-8 (3)	Total/NA	Solid	8015 NM	
880-16373-26	T-9 (0-1)	Total/NA	Solid	8015 NM	
880-16373-27	T-9 (2)	Total/NA	Solid	8015 NM	
880-16373-28	T-9 (3)	Total/NA	Solid	8015 NM	
880-16373-29	T-10 (0-1)	Total/NA	Solid	8015 NM	
880-16373-30	T-10 (2)	Total/NA	Solid	8015 NM	
880-16373-31	T-10 (3)	Total/NA	Solid	8015 NM	
880-16373-32	T-11 (0-1)	Total/NA	Solid	8015 NM	
880-16373-33	T-11 (2)	Total/NA	Solid	8015 NM	
880-16373-34	T-11 (3)	Total/NA	Solid	8015 NM	
880-16373-35	T-12 (0-1)	Total/NA	Solid	8015 NM	
880-16373-36	T-12 (2)	Total/NA	Solid	8015 NM	
880-16373-37	T-12 (3)	Total/NA	Solid	8015 NM	
880-16373-38	T-13 (0-1)	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 28721 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-39	T-13 (2)	Total/NA	Solid	8015 NM	
880-16373-40	T-13 (3)	Total/NA	Solid	8015 NM	

Prep Batch: 28805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-38	T-13 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-39	T-13 (2)	Total/NA	Solid	8015NM Prep	
880-16373-40	T-13 (3)	Total/NA	Solid	8015NM Prep	
MB 880-28805/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28805/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28805/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16373-38 MS	T-13 (0-1)	Total/NA	Solid	8015NM Prep	
880-16373-38 MSD	T-13 (0-1)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-38	T-13 (0-1)	Total/NA	Solid	8015B NM	28805
880-16373-39	T-13 (2)	Total/NA	Solid	8015B NM	28805
880-16373-40	T-13 (3)	Total/NA	Solid	8015B NM	28805
MB 880-28805/1-A	Method Blank	Total/NA	Solid	8015B NM	28805
LCS 880-28805/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28805
LCSD 880-28805/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28805
880-16373-38 MS	T-13 (0-1)	Total/NA	Solid	8015B NM	28805
880-16373-38 MSD	T-13 (0-1)	Total/NA	Solid	8015B NM	28805

HPLC/IC

Leach Batch: 28560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Soluble	Solid	DI Leach	
880-16373-2	T-1 (2)	Soluble	Solid	DI Leach	
880-16373-3	T-1 (3)	Soluble	Solid	DI Leach	
880-16373-4	T-1 (4)	Soluble	Solid	DI Leach	
880-16373-5	T-2 (0-1)	Soluble	Solid	DI Leach	
880-16373-6	T-2 (2)	Soluble	Solid	DI Leach	
880-16373-7	T-2 (3)	Soluble	Solid	DI Leach	
880-16373-8	T-3 (0-1)	Soluble	Solid	DI Leach	
880-16373-9	T-3 (2)	Soluble	Solid	DI Leach	
880-16373-10	T-3 (3)	Soluble	Solid	DI Leach	
880-16373-11	T-4 (0-1)	Soluble	Solid	DI Leach	
MB 880-28560/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28560/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28560/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16373-2 MS	T-1 (2)	Soluble	Solid	DI Leach	
880-16373-2 MSD	T-1 (2)	Soluble	Solid	DI Leach	

Leach Batch: 28561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-12	T-4 (2)	Soluble	Solid	DI Leach	
880-16373-13	T-4 (3)	Soluble	Solid	DI Leach	
880-16373-14	T-5 (0-1)	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 28561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-15	T-5 (2)	Soluble	Solid	DI Leach	
880-16373-16	T-5 (3)	Soluble	Solid	DI Leach	
880-16373-17	T-6 (0-1)	Soluble	Solid	DI Leach	
880-16373-18	T-6 (2)	Soluble	Solid	DI Leach	
880-16373-19	T-6 (3)	Soluble	Solid	DI Leach	
880-16373-20	T-7 (0-1)	Soluble	Solid	DI Leach	
880-16373-21	T-7 (2)	Soluble	Solid	DI Leach	
880-16373-22	T-7 (3)	Soluble	Solid	DI Leach	
880-16373-23	T-8 (0-1)	Soluble	Solid	DI Leach	
880-16373-24	T-8 (2)	Soluble	Solid	DI Leach	
880-16373-25	T-8 (3)	Soluble	Solid	DI Leach	
880-16373-26	T-9 (0-1)	Soluble	Solid	DI Leach	
880-16373-27	T-9 (2)	Soluble	Solid	DI Leach	
880-16373-28	T-9 (3)	Soluble	Solid	DI Leach	
880-16373-29	T-10 (0-1)	Soluble	Solid	DI Leach	
880-16373-30	T-10 (2)	Soluble	Solid	DI Leach	
880-16373-31	T-10 (3)	Soluble	Solid	DI Leach	
MB 880-28561/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28561/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28561/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16373-12 MS	T-4 (2)	Soluble	Solid	DI Leach	
880-16373-12 MSD	T-4 (2)	Soluble	Solid	DI Leach	
880-16373-22 MS	T-7 (3)	Soluble	Solid	DI Leach	
880-16373-22 MSD	T-7 (3)	Soluble	Solid	DI Leach	

Leach Batch: 28639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-32	T-11 (0-1)	Soluble	Solid	DI Leach	
880-16373-33	T-11 (2)	Soluble	Solid	DI Leach	
880-16373-34	T-11 (3)	Soluble	Solid	DI Leach	
880-16373-35	T-12 (0-1)	Soluble	Solid	DI Leach	
880-16373-36	T-12 (2)	Soluble	Solid	DI Leach	
880-16373-37	T-12 (3)	Soluble	Solid	DI Leach	
880-16373-38	T-13 (0-1)	Soluble	Solid	DI Leach	
880-16373-39	T-13 (2)	Soluble	Solid	DI Leach	
880-16373-40	T-13 (3)	Soluble	Solid	DI Leach	
MB 880-28639/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28639/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28639/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16373-32 MS	T-11 (0-1)	Soluble	Solid	DI Leach	
880-16373-32 MSD	T-11 (0-1)	Soluble	Solid	DI Leach	

Analysis Batch: 28886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-1	T-1 (0-1)	Soluble	Solid	300.0	28560
880-16373-2	T-1 (2)	Soluble	Solid	300.0	28560
880-16373-3	T-1 (3)	Soluble	Solid	300.0	28560
880-16373-4	T-1 (4)	Soluble	Solid	300.0	28560
880-16373-5	T-2 (0-1)	Soluble	Solid	300.0	28560
880-16373-6	T-2 (2)	Soluble	Solid	300.0	28560
880-16373-7	T-2 (3)	Soluble	Solid	300.0	28560

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 28886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-8	T-3 (0-1)	Soluble	Solid	300.0	28560
880-16373-9	T-3 (2)	Soluble	Solid	300.0	28560
880-16373-10	T-3 (3)	Soluble	Solid	300.0	28560
880-16373-11	T-4 (0-1)	Soluble	Solid	300.0	28560
MB 880-28560/1-A	Method Blank	Soluble	Solid	300.0	28560
LCS 880-28560/2-A	Lab Control Sample	Soluble	Solid	300.0	28560
LCSD 880-28560/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28560
880-16373-2 MS	T-1 (2)	Soluble	Solid	300.0	28560
880-16373-2 MSD	T-1 (2)	Soluble	Solid	300.0	28560

Analysis Batch: 28888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-12	T-4 (2)	Soluble	Solid	300.0	28561
880-16373-13	T-4 (3)	Soluble	Solid	300.0	28561
880-16373-14	T-5 (0-1)	Soluble	Solid	300.0	28561
880-16373-15	T-5 (2)	Soluble	Solid	300.0	28561
880-16373-16	T-5 (3)	Soluble	Solid	300.0	28561
880-16373-17	T-6 (0-1)	Soluble	Solid	300.0	28561
880-16373-18	T-6 (2)	Soluble	Solid	300.0	28561
880-16373-19	T-6 (3)	Soluble	Solid	300.0	28561
880-16373-20	T-7 (0-1)	Soluble	Solid	300.0	28561
880-16373-21	T-7 (2)	Soluble	Solid	300.0	28561
880-16373-22	T-7 (3)	Soluble	Solid	300.0	28561
880-16373-23	T-8 (0-1)	Soluble	Solid	300.0	28561
880-16373-24	T-8 (2)	Soluble	Solid	300.0	28561
880-16373-25	T-8 (3)	Soluble	Solid	300.0	28561
880-16373-26	T-9 (0-1)	Soluble	Solid	300.0	28561
880-16373-27	T-9 (2)	Soluble	Solid	300.0	28561
880-16373-28	T-9 (3)	Soluble	Solid	300.0	28561
880-16373-29	T-10 (0-1)	Soluble	Solid	300.0	28561
880-16373-30	T-10 (2)	Soluble	Solid	300.0	28561
880-16373-31	T-10 (3)	Soluble	Solid	300.0	28561
MB 880-28561/1-A	Method Blank	Soluble	Solid	300.0	28561
LCS 880-28561/2-A	Lab Control Sample	Soluble	Solid	300.0	28561
LCSD 880-28561/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28561
880-16373-12 MS	T-4 (2)	Soluble	Solid	300.0	28561
880-16373-12 MSD	T-4 (2)	Soluble	Solid	300.0	28561
880-16373-22 MS	T-7 (3)	Soluble	Solid	300.0	28561
880-16373-22 MSD	T-7 (3)	Soluble	Solid	300.0	28561

Analysis Batch: 28890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16373-32	T-11 (0-1)	Soluble	Solid	300.0	28639
880-16373-33	T-11 (2)	Soluble	Solid	300.0	28639
880-16373-34	T-11 (3)	Soluble	Solid	300.0	28639
880-16373-35	T-12 (0-1)	Soluble	Solid	300.0	28639
880-16373-36	T-12 (2)	Soluble	Solid	300.0	28639
880-16373-37	T-12 (3)	Soluble	Solid	300.0	28639
880-16373-38	T-13 (0-1)	Soluble	Solid	300.0	28639
880-16373-39	T-13 (2)	Soluble	Solid	300.0	28639
880-16373-40	T-13 (3)	Soluble	Solid	300.0	28639

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QC Association Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 28890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28639/1-A	Method Blank	Soluble	Solid	300.0	28639
LCS 880-28639/2-A	Lab Control Sample	Soluble	Solid	300.0	28639
LCSD 880-28639/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28639
880-16373-32 MS	T-11 (0-1)	Soluble	Solid	300.0	28639
880-16373-32 MSD	T-11 (0-1)	Soluble	Solid	300.0	28639

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-16373-1

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 17:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 12:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		5			28886	07/04/22 21:03	CH	XEN MID

Client Sample ID: T-1 (2)

Lab Sample ID: 880-16373-2

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 17:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 13:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/04/22 21:12	CH	XEN MID

Client Sample ID: T-1 (3)

Lab Sample ID: 880-16373-3

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 17:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 13:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/05/22 16:04	CH	XEN MID

Client Sample ID: T-1 (4)

Lab Sample ID: 880-16373-4

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 18:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (4)

Lab Sample ID: 880-16373-4

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 14:02	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/05/22 16:13	CH	XEN MID

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-16373-5

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 18:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/04/22 22:16	CH	XEN MID

Client Sample ID: T-2 (2)

Lab Sample ID: 880-16373-6

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 18:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/05/22 16:22	CH	XEN MID

Client Sample ID: T-2 (3)

Lab Sample ID: 880-16373-7

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 19:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 15:07	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/05/22 16:31	CH	XEN MID

Client Sample ID: T-3 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 19:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 15:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/04/22 22:44	CH	XEN MID

Client Sample ID: T-3 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 19:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/05/22 16:41	CH	XEN MID

Client Sample ID: T-3 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-10

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			4.96 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 20:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 16:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		1			28886	07/05/22 16:50	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 22:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 16:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28560	06/28/22 15:09	SMC	XEN MID
Soluble	Analysis	300.0		20			28886	07/04/22 23:11	CH	XEN MID

Client Sample ID: T-4 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 22:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 17:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 13:23	CH	XEN MID

Client Sample ID: T-4 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-13

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			5.00 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 22:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 17:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 13:46	CH	XEN MID

Client Sample ID: T-5 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-14

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			5.05 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 23:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-16373-14

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 18:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 13:54	CH	XEN MID

Client Sample ID: T-5 (2)

Lab Sample ID: 880-16373-15

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 23:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 18:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 14:02	CH	XEN MID

Client Sample ID: T-5 (3)

Lab Sample ID: 880-16373-16

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/09/22 23:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 18:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 14:10	CH	XEN MID

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-16373-17

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 00:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 19:05	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-6 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		5			28888	07/04/22 14:33	CH	XEN MID

Client Sample ID: T-6 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-18

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			4.95 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 00:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 19:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 14:41	CH	XEN MID

Client Sample ID: T-6 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 00:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 19:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 14:49	CH	XEN MID

Client Sample ID: T-7 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	28771	06/30/22 15:42	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 01:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28612	06/29/22 08:48	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28599	06/29/22 20:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/05/22 12:04	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-7 (2)

Lab Sample ID: 880-16373-21

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 00:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 13:35	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		5			28888	07/04/22 15:05	CH	XEN MID

Client Sample ID: T-7 (3)

Lab Sample ID: 880-16373-22

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 00:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 14:40	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/05/22 12:12	CH	XEN MID

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-16373-23

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 01:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 16:06	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		5			28888	07/04/22 15:36	CH	XEN MID

Client Sample ID: T-8 (2)

Lab Sample ID: 880-16373-24

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 01:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-8 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-24

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			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 16:28	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/05/22 12:36	CH	XEN MID

Client Sample ID: T-8 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-25

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			4.98 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 01:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 16:49	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 16:08	CH	XEN MID

Client Sample ID: T-9 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 02:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 17:11	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		20			28888	07/04/22 16:15	CH	XEN MID

Client Sample ID: T-9 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-27

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			5.05 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 02:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 17:32	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-9 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 16:23	CH	XEN MID

Client Sample ID: T-9 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 03:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 18:15	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/04/22 16:31	CH	XEN MID

Client Sample ID: T-10 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-29

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 03:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 18:37	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		5			28888	07/04/22 16:39	CH	XEN MID

Client Sample ID: T-10 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-30

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			5.00 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 03:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 18:59	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/05/22 12:44	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-10 (3)

Lab Sample ID: 880-16373-31

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 05:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 19:20	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28561	06/28/22 15:11	SMC	XEN MID
Soluble	Analysis	300.0		1			28888	07/05/22 12:52	CH	XEN MID

Client Sample ID: T-11 (0-1)

Lab Sample ID: 880-16373-32

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 05:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 19:41	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		20			28890	07/05/22 00:25	CH	XEN MID

Client Sample ID: T-11 (2)

Lab Sample ID: 880-16373-33

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 06:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 20:03	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 13:45	CH	XEN MID

Client Sample ID: T-11 (3)

Lab Sample ID: 880-16373-34

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 06:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-11 (3)

Lab Sample ID: 880-16373-34

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 20:24	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 13:55	CH	XEN MID

Client Sample ID: T-12 (0-1)

Lab Sample ID: 880-16373-35

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 06:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 20:46	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		10			28890	07/05/22 01:11	CH	XEN MID

Client Sample ID: T-12 (2)

Lab Sample ID: 880-16373-36

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 07:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 21:07	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 01:20	CH	XEN MID

Client Sample ID: T-12 (3)

Lab Sample ID: 880-16373-37

Date Collected: 06/27/22 00:00

Matrix: Solid

Date Received: 06/28/22 10:12

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	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 07:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28614	06/29/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28713	06/30/22 21:29	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Client Sample ID: T-12 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-37

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			5.02 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 01:48	CH	XEN MID

Client Sample ID: T-13 (0-1)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-38

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			4.99 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 07:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 11:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 01:57	CH	XEN MID

Client Sample ID: T-13 (2)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-39

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			5.01 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 08:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 12:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 02:06	CH	XEN MID

Client Sample ID: T-13 (3)

Date Collected: 06/27/22 00:00

Date Received: 06/28/22 10:12

Lab Sample ID: 880-16373-40

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			5.04 g	5 mL	28772	06/30/22 15:48	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/08/22 08:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29330	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			28721	06/30/22 08:53	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 13:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28639	06/29/22 11:13	CH	XEN MID
Soluble	Analysis	300.0		1			28890	07/05/22 14:04	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: Carmona Resources
Project/Site: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
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: Scout State Com 605 Frac Spill

Job ID: 880-16373-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16373-1	T-1 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-2	T-1 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-3	T-1 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-4	T-1 (4)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-5	T-2 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-6	T-2 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-7	T-2 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-8	T-3 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-9	T-3 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-10	T-3 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-11	T-4 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-12	T-4 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-13	T-4 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-14	T-5 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-15	T-5 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-16	T-5 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-17	T-6 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-18	T-6 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-19	T-6 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-20	T-7 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-21	T-7 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-22	T-7 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-23	T-8 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-24	T-8 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-25	T-8 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-26	T-9 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-27	T-9 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-28	T-9 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-29	T-10 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-30	T-10 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-31	T-10 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-32	T-11 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-33	T-11 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-34	T-11 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-35	T-12 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-36	T-12 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-37	T-12 (3)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-38	T-13 (0-1)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-39	T-13 (2)	Solid	06/27/22 00:00	06/28/22 10:12
880-16373-40	T-13 (3)	Solid	06/27/22 00:00	06/28/22 10:12

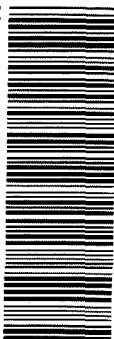
Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmona Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

Project Name	Scout State Com 605 Frac Spill	Turn Around	☒ Routine ☐ Rush
Project Number	1071	Due Date	
Project Location	Eddy Co, NM		
Sampler's Name	CRM		
PO #			

SAMPLE RECEIPT	Temp Blank	Yes () No ()	Yes () No ()
Received intact	Thermometer ID	Yes () No ()	Yes () No ()
Cooler Custody Seals	Correction Factor	Yes () No ()	Yes () No ()
Sample Custody Seals	Temperature Reading	Yes () No ()	Yes () No ()
Total Containers	Corrected Temperature	Yes () No ()	Yes () No ()

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-1 (0-1)	6/27/2022		X		G	1	BTEX 8021B		None NO	DI Water H ₂ O
T-1 (2)	6/27/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)		Cool Cool	MeOH Me
T-1 (3)	6/27/2022		X		G	1	Chloride 300.0		HCL HC	HNO ₃ HN
T-1 (4)	6/27/2022		X		G	1			H ₂ SO ₄ H ₂	NaOH Na
T-2 (0-1)	6/27/2022		X		G	1			H ₃ PO ₄ HP	
T-2 (2)	6/27/2022		X		G	1			NaHSO ₄ NABIS	
T-2 (3)	6/27/2022		X		G	1			Na ₂ S ₂ O ₃ NaSO ₃	
T-3 (0-1)	6/27/2022		X		G	1			Zn Acetate+NaOH Zn	
T-3 (2)	6/27/2022		X		G	1			NaOH+Ascorbic Acid SAPC	
T-3 (3)	6/27/2022		X		G	1				

880-16373 Chain of Custody



Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	8/8/22 10:02	<i>[Signature]</i>	

Work Order No: 16373

Page 1 of 4

Work Order Comments

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

State of Project:

Reporting Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADAPT ☐ Other

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Work Order No: 16813

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Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmona Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	

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

Project Name	Scout State Com 605 Frac Spill	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number	1071	☒ Routine ☐ Rush	Due Date													None NO	DI Water H ₂ O						
Project Location	Eddy Co, NM															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	SAPC						
Sample Identification				Date	Time	Soil	Water	Grab/ Comp	# of Cont	HOLD												Sample Comments	
T-4 (0-1)				6/27/2022		X		G	1	X	X	X											
T-4 (2)				6/27/2022		X		G	1	X	X	X											
T-4 (3)				6/27/2022		X		G	1	X	X	X											
T-5 (0-1)				6/27/2022		X		G	1	X	X	X											
T-5 (2)				6/27/2022		X		G	1	X	X	X											
T-5 (3)				6/27/2022		X		G	1	X	X	X											
T-6 (0-1)				6/27/2022		X		G	1	X	X	X											
T-6 (2)				6/27/2022		X		G	1	X	X	X											
T-6 (3)				6/27/2022		X		G	1	X	X	X											
T-7 (0-1)				6/27/2022		X		G	1	X	X	X											

Comments: Email to Mike Carmona mcarmona@carmonaresources.com and Conner Moehring cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	6/28/22 1012		

Project Manager	Conner Moehring	Bill to (if different)	
Company Name	Carmona Resources	Company Name	
Address	310 West Wall St Ste 415	Address	
City, State Zip	Midland, TX 79701	City, State Zip	
Phone	432-813-6823	Email	

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

Work Order No: 16373

[illegible]

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

[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-16373-1

SDG Number: Eddy Co, NM

Login Number: 16373

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 131396

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 131396
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Variance Approved: Composite confirmation samples will be collected from the bottom and sidewalls of the excavation from areas representing no more than four hundred (400) square feet.	9/12/2022